

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104666.D
 Acq On : 20 Apr 2018 11:19
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 4/23/2018 2:18:03 PM

Quant Time: Apr 20 14:53:18 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	132490	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	546595	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	249353	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	453535	20.00	ng	0.00
75) Chrysene-d12	13.98	240	332290	20.00	ng	0.00
86) Perylene-d12	15.43	264	275992	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	656373	75.75	ng	0.00
7) Phenol-d6	6.45	99	810896	76.17	ng	0.00
23) Nitrobenzene-d5	7.37	82	737038	88.05	ng	0.00
41) 2,4,6-Tribromophenol	10.64	330	214797	83.04	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	1239236	78.51	ng	0.00
78) Terphenyl-d14	12.92	244	1171596	80.38	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.52	88	161087	39.898	ng	# 88
3) Pyridine	3.25	79	438888	38.663	ng	88
4) n-Nitrosodimethylamine	3.22	42	143070	36.055	ng	# 76
6) Aniline	6.47	93	553381	37.413	ng	98
8) 2-Chlorophenol	6.59	128	361059	39.480	ng	94
9) Benzaldehyde	6.36	77	200776	36.100	ng	96
10) Phenol	6.46	94	449872	39.826	ng	87
11) bis(2-Chloroethyl)ether	6.55	93	350505	38.883	ng	92
12) 1,3-Dichlorobenzene	6.75	146	408816	39.458	ng	99
13) 1,4-Dichlorobenzene	6.82	146	411938	39.886	ng	100
14) 1,2-Dichlorobenzene	6.97	146	385196	40.247	ng	100
15) Benzyl Alcohol	6.95	79	300662	37.183	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.08	45	452257	37.359	ng	89
17) 2-Methylphenol	7.06	107	313115	39.387	ng	97
18) Hexachloroethane	7.32	117	152271	41.352	ng	98
19) n-Nitroso-di-n-propylamine	7.22	70	241585	34.726	ng	94
20) 3+4-Methylphenols	7.22	107	366848	37.207	ng	# 67
22) Acetophenone	7.22	105	501011	37.231	ng	95
24) Nitrobenzene	7.39	77	391567	42.369	ng	98
25) Isophorone	7.63	82	664884	37.562	ng	98
26) 2-Nitrophenol	7.70	139	204361	54.317	ng	98
27) 2,4-Dimethylphenol	7.75	122	285175	36.504	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	419599	38.770	ng	98
29) 2,4-Dichlorophenol	7.95	162	297146	39.865	ng	98
30) 1,2,4-Trichlorobenzene	8.03	180	327242	40.003	ng	100
31) Naphthalene	8.11	128	1061124	38.987	ng	99
32) Benzoic acid	7.88	122	253998m	40.749	ng	
33) 4-Chloroaniline	8.16	127	462258	39.643	ng	98
34) Hexachlorobutadiene	8.22	225	179765	40.120	ng	100
35) Caprolactam	8.55	113	103979m	39.987	ng	
36) 4-Chloro-3-methylphenol	8.65	107	320434	40.092	ng	99
37) 2-Methylnaphthalene	8.80	142	682188	38.748	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	296095	41.482	ng	99
40) Hexachlorocyclopentadiene	8.95	237	131367	32.874	ng	99

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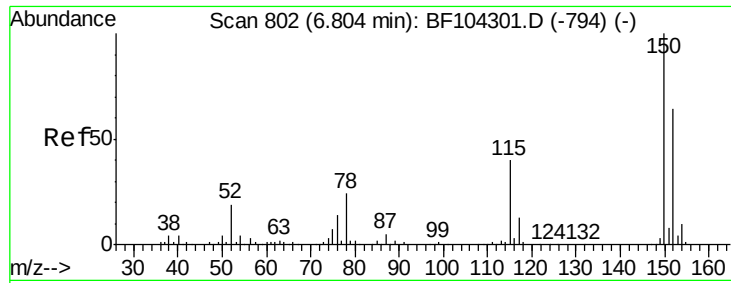
Manual Integrations
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	203937	41.158	nq	99
43) 2,4,5-Trichlorophenol	9.13	196	235365	42.447	nq	96
45) 1,1'-Biphenyl	9.27	154	832213	39.729	nq	99
46) 2-Chloronaphthalene	9.29	162	664887	40.185	nq	99
47) 2-Nitroaniline	9.39	65	204755	50.041	nq	97
48) Acenaphthylene	9.71	152	1014241	39.070	nq	99
49) Dimethylphthalate	9.57	163	784272	39.885	nq	100
50) 2,6-Dinitrotoluene	9.63	165	173870	47.786	nq	96
51) Acenaphthene	9.88	154	582626	36.784	nq	99
52) 3-Nitroaniline	9.80	138	204807	48.081	nq	97
53) 2,4-Dinitrophenol	9.91	184	71241	55.773	nq	# 24
54) Dibenzofuran	10.05	168	837471	37.941	nq	98
55) 4-Nitrophenol	9.97	139	141059	42.157	nq	97
56) 2,4-Dinitrotoluene	10.04	165	221047	46.315	nq	95
57) Fluorene	10.39	166	669558	41.674	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.17	232	164055	39.658	nq	96
59) Diethylphthalate	10.27	149	749286	38.261	nq	98
60) 4-Chlorophenyl-phenylether	10.39	204	300803	42.040	nq	96
61) 4-Nitroaniline	10.42	138	204436	49.085	nq	96
62) Azobenzene	10.55	77	703796	37.617	nq	96
64) 4,6-Dinitro-2-methylphenol	10.45	198	119749	53.263	nq	# 75
65) n-Nitrosodiphenylamine	10.51	169	611353	38.877	nq	99
66) 4-Bromophenyl-phenylether	10.87	248	191352	39.665	nq	95
67) Hexachlorobenzene	10.94	284	218549	40.262	nq	95
68) Atrazine	11.03	200	185370	39.053	nq	99
69) Pentachlorophenol	11.14	266	123926	36.903	nq	98
70) Phenanthrene	11.36	178	969530	38.386	nq	99
71) Anthracene	11.41	178	991945	38.636	nq	99
72) Carbazole	11.57	167	947138	37.752	nq	99
73) Di-n-butylphthalate	11.89	149	1135167	37.041	nq	99
74) Fluoranthene	12.55	202	976820	37.017	nq	100
76) Benzidine	12.67	184	480803	43.838	nq	99
77) Pyrene	12.78	202	1004687	40.790	nq	100
79) Butylbenzylphthalate	13.39	149	462864	39.889	nq	98
80) Benzo(a)anthracene	13.97	228	814661	41.038	nq	100
81) 3,3'-Dichlorobenzidine	13.93	252	288148	38.930	nq	97
82) Chrysene	14.01	228	785380	38.517	nq	99
83) Bis(2-ethylhexyl)phthalate	13.95	149	604515	40.503	nq	100
84) Di-n-octyl phthalate	14.57	149	880578	35.309	nq	97
85) Indeno(1,2,3-cd)pyrene	16.89	276	656436	37.898	nq	98
87) Benzo(b)fluoranthene	15.02	252	687158	39.421	nq	97
88) Benzo(k)fluoranthene	15.04	252	678774	41.246	nq	99
89) Benzo(a)pyrene	15.38	252	629931	40.389	nq	99
90) Dibenzo(a,h)anthracene	16.91	278	536124	41.854	nq	98
91) Benzo(g,h,i)perylene	17.33	276	532250	42.888	nq	96

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



#1

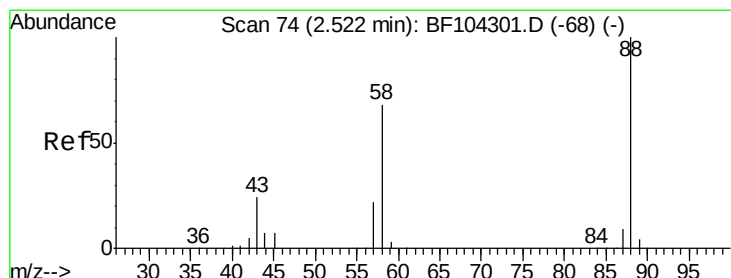
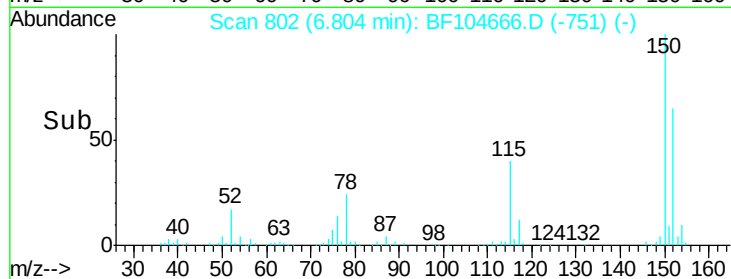
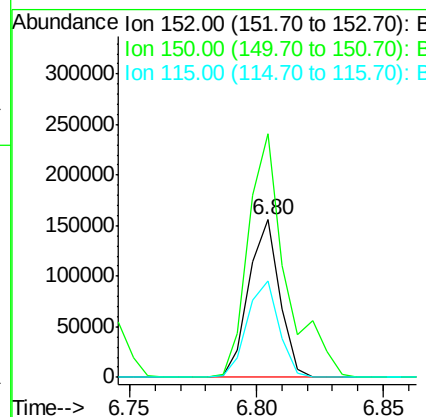
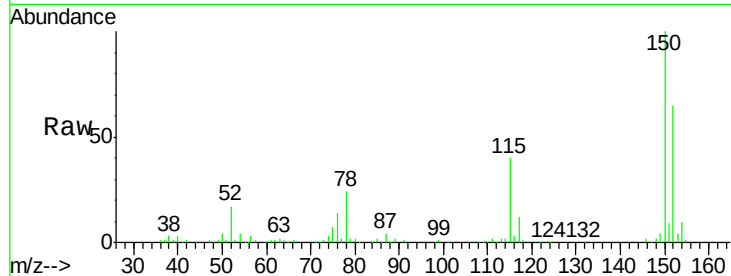
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	61.6	50.1	75.1

Manual Integrations
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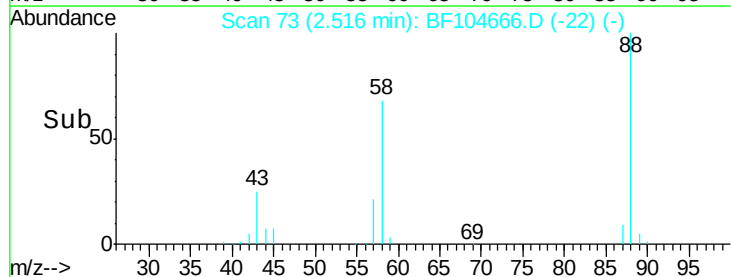
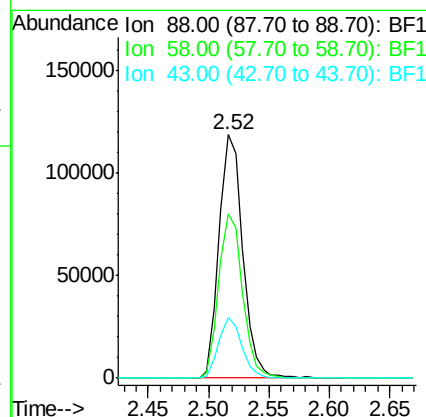
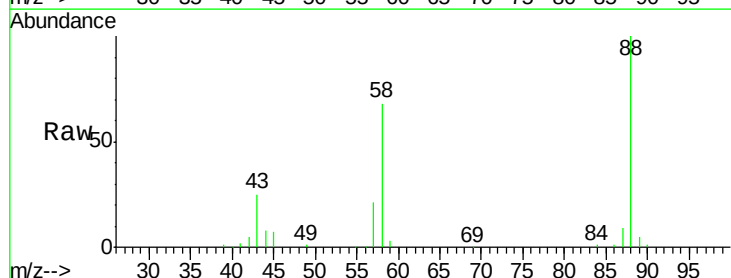
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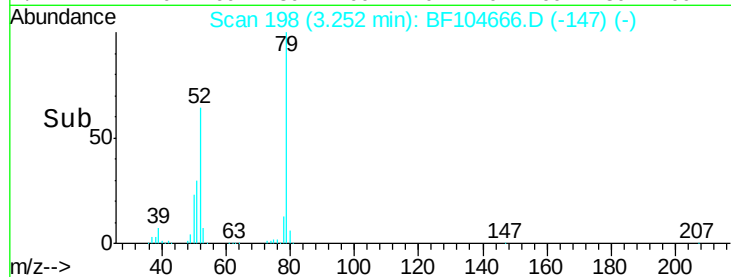
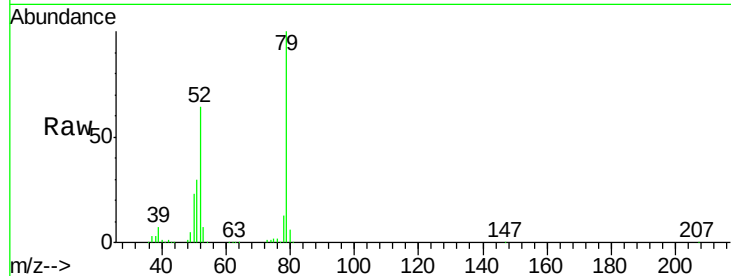
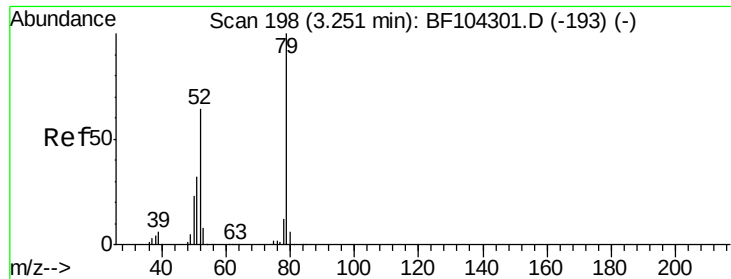


#2

1,4-Dioxane
Concen: 39.898 ng
RT: 2.52 min Scan# 73
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	62.6	93.8
43	24.3	24.6	37.0





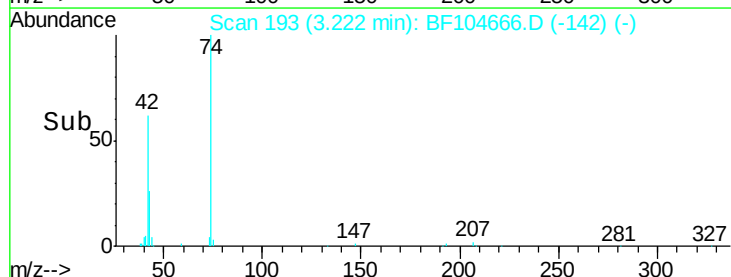
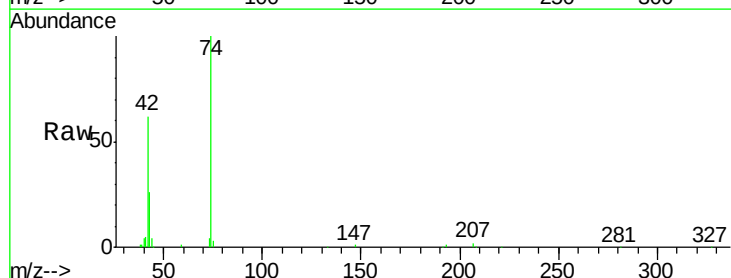
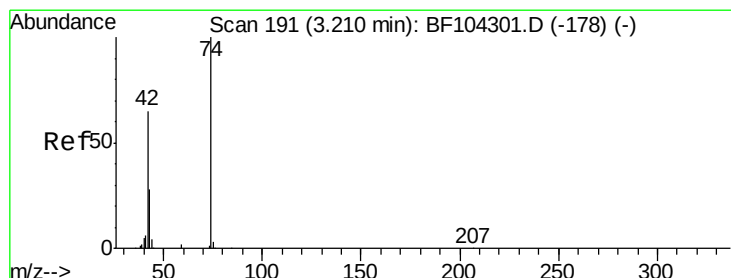
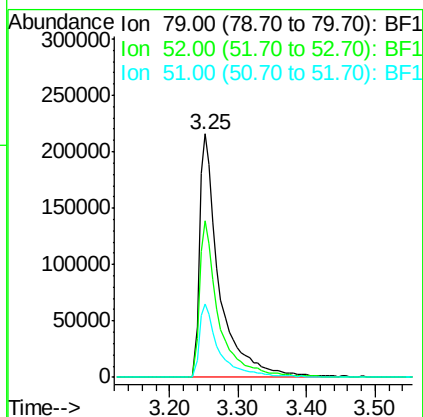
#3
 Pvridine
 Concen: 38.663 ng
 RT: 3.25 min Scan# 198
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tot Ion	Ratio	Lower	Upper
79	100		
52	64.4	59.8	89.6
51	30.1	29.8	44.8

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

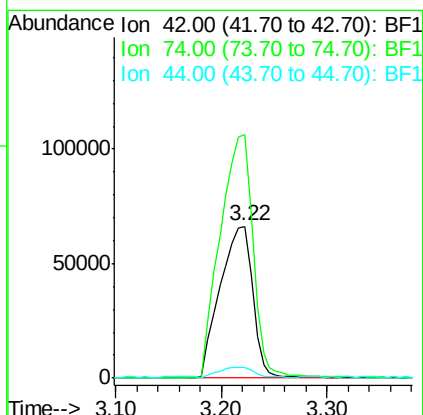
Manual Integrations
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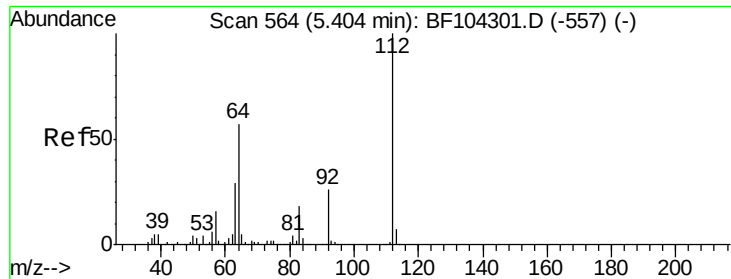
Sohil
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#4
 n-Nitrosodimethylamine
 Concen: 36.055 ng
 RT: 3.22 min Scan# 193
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
42	100		
74	160.7	104.9	157.3#
44	7.1	6.9	10.3





#5

2-Fluorophenol

Concen: 75.751 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Instrument :

BNA_F

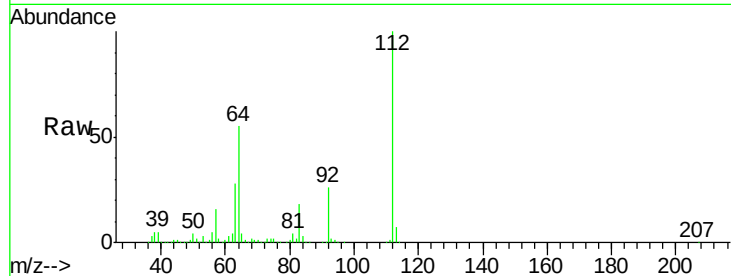
ClientSampleId :

SSTDCCC040

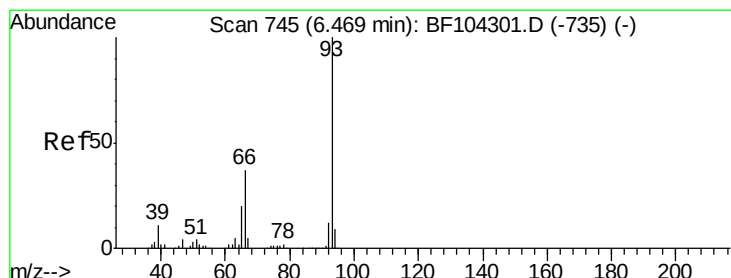
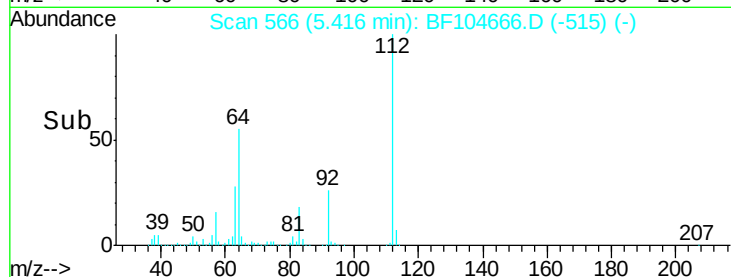
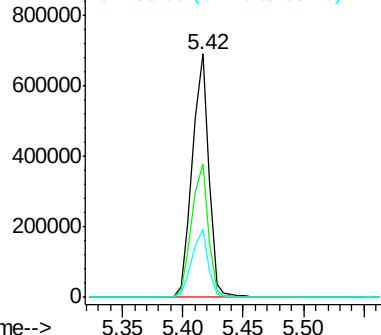
Tot Ion:	112	Resp:	656373
Ion Ratio	Lower	Upper	
112	100		
64	54.9	47.9	71.9
63	27.9	23.7	35.5

Manual Integrations
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Abundance Ion 112.00 (111.70 to 112.70): BF1



#6

Aniline

Concen: 37.413 ng

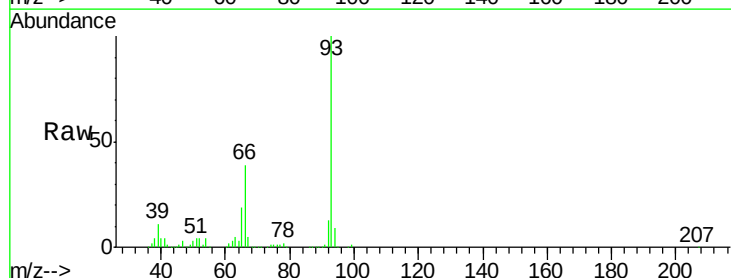
RT: 6.47 min Scan# 745

Delta R.T. 0.00 min

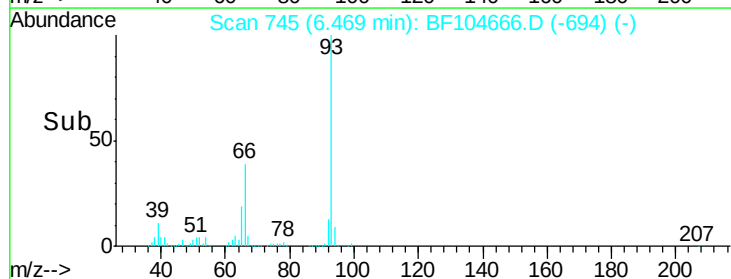
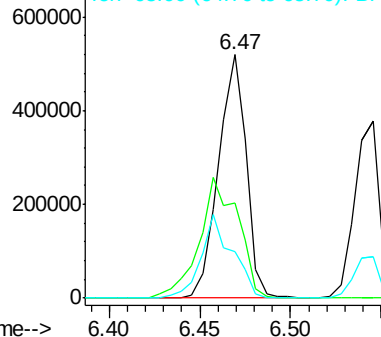
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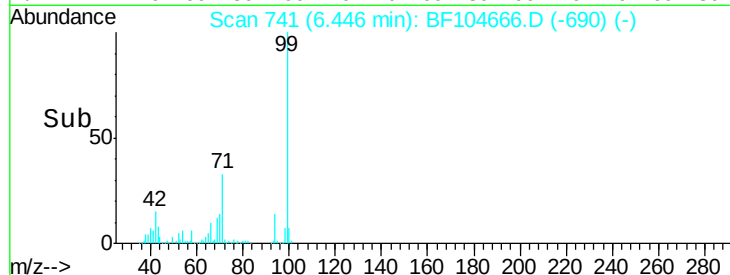
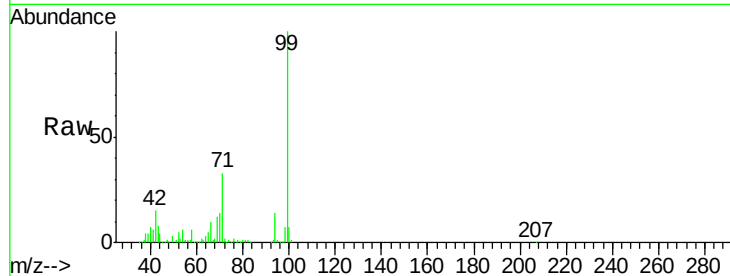
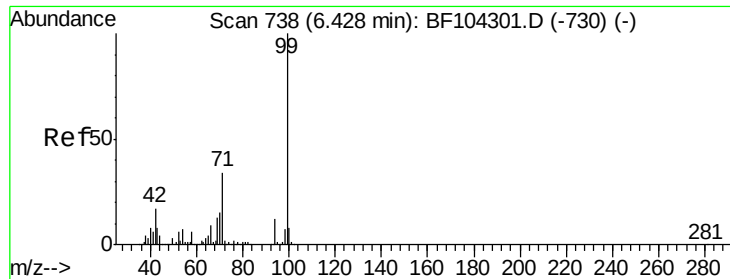
Acq: 20 Apr 2018 11:19

Tgt Ion:	93	Resp:	553381
Ion Ratio	Lower	Upper	
93	100		
66	39.0	32.2	48.2
65	19.1	16.4	24.6



Abundance Ion 93.00 (92.70 to 93.70): BF1





#7

Phenol-d6

Concen: 76.167 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Tot Ion:	99	Resp:	810896
Ion Ratio	Lower	Upper	
99	100		
42	15.4	14.5	21.7
71	32.8	25.4	38.0

Instrument :

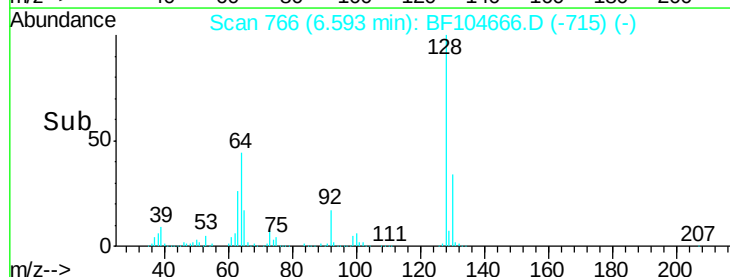
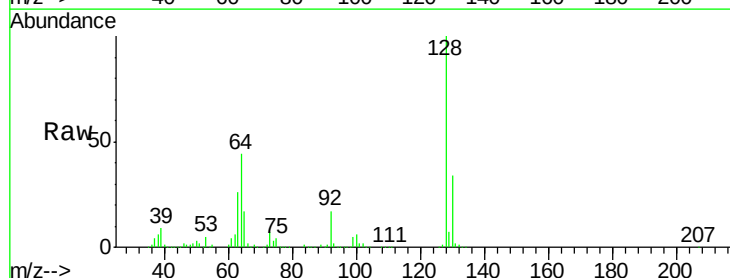
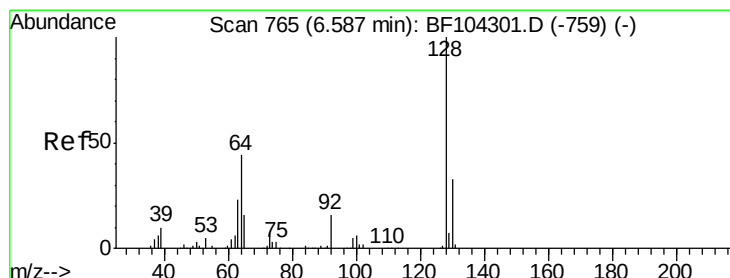
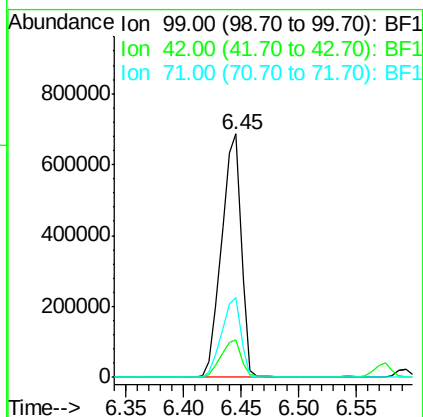
BNA_F

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#8

2-Chlorophenol

Concen: 39.480 ng

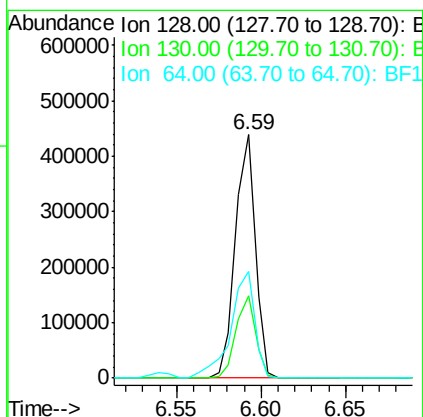
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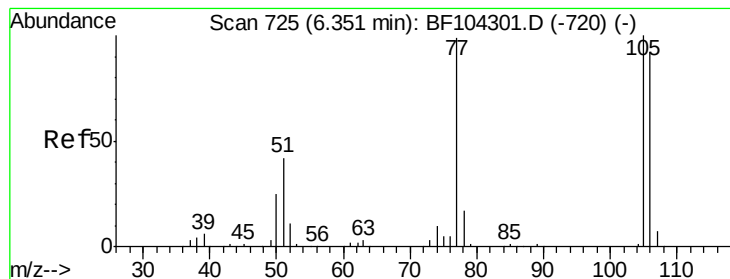
Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Tgt Ion:	128	Resp:	361059
Ion Ratio	Lower	Upper	
128	100		
130	33.9	13.0	53.0
64	43.7	29.4	69.4





#9

Benzaldehyde

Concen: 36.100 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Instrument :

BNA_F

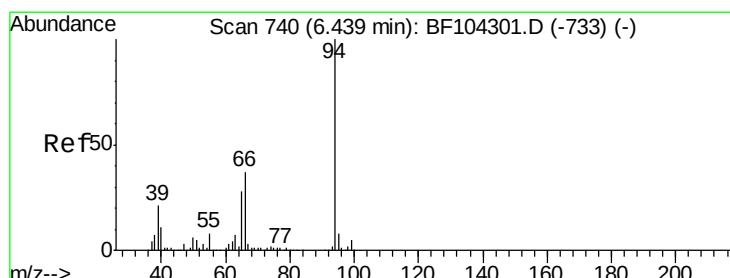
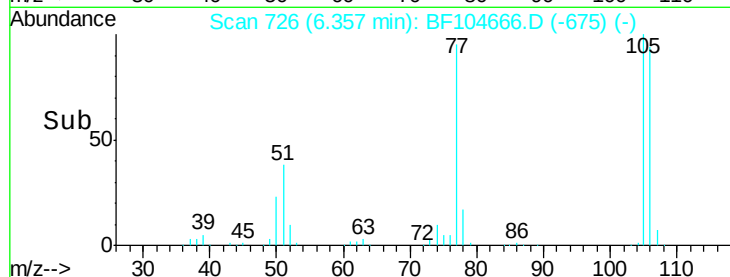
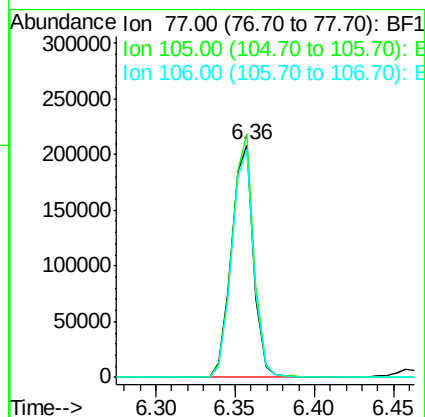
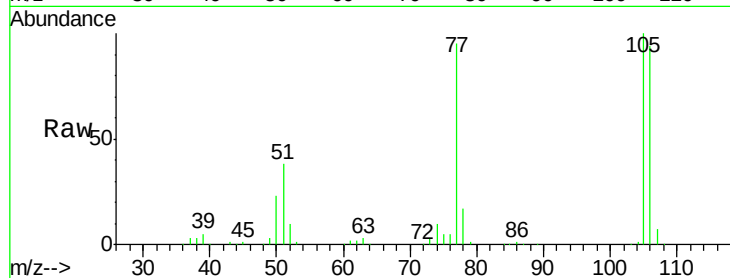
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	200776
Ion	Ratio	Lower	Upper
77	100		
105	104.9	81.1	121.1
106	98.3	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 39.826 ng

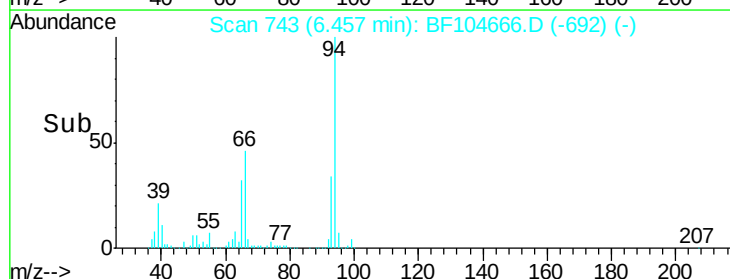
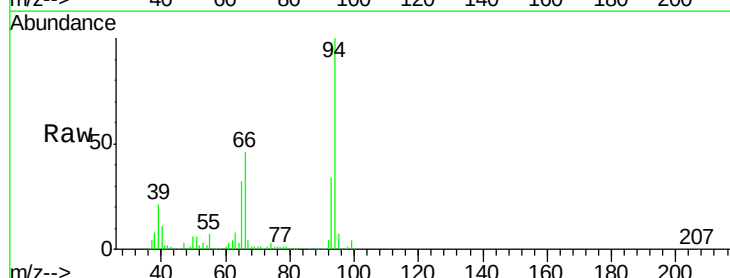
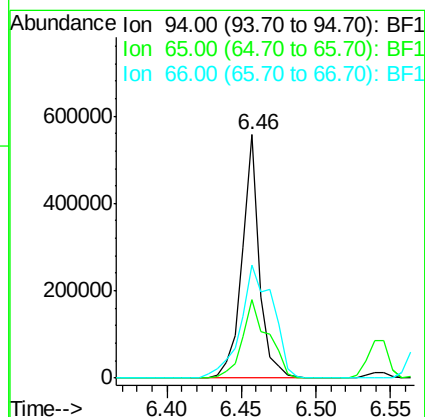
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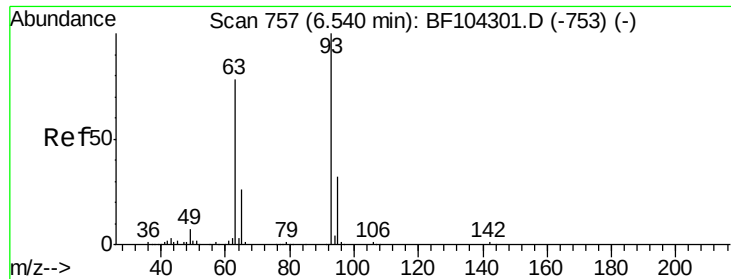
Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Tgt Ion:	94	Resp:	449872
Ion	Ratio	Lower	Upper
94	100		
65	32.0	7.9	47.9
66	46.4	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.883 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Instrument :

BNA_F

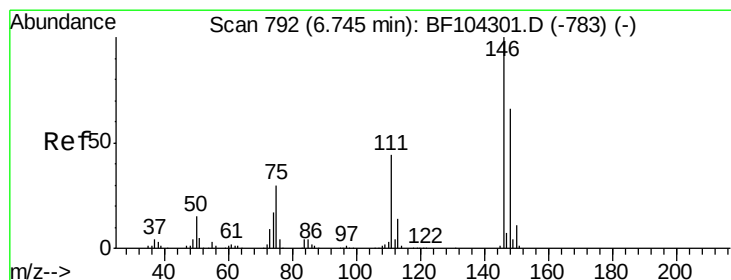
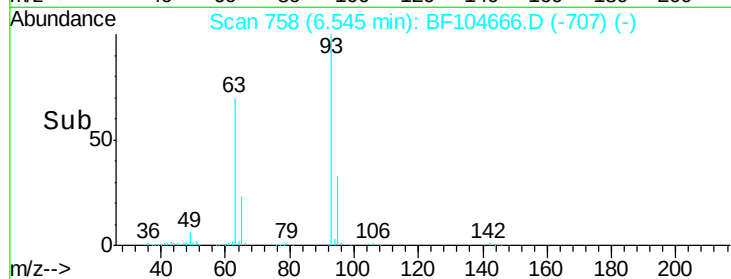
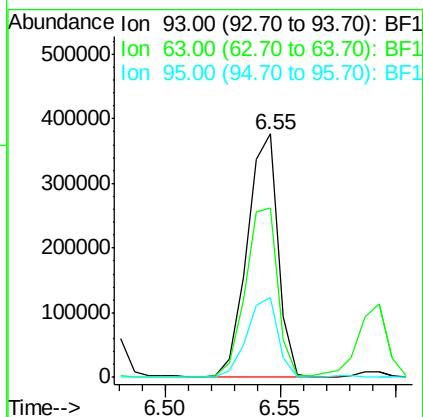
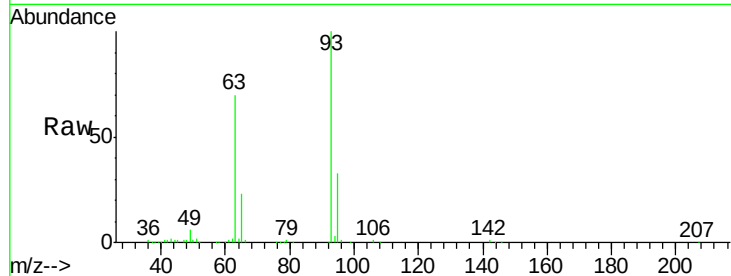
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	350505
Ion Ratio	Lower	Upper	
93	100		
63	69.7	58.6	98.6
95	32.8	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 39.458 ng

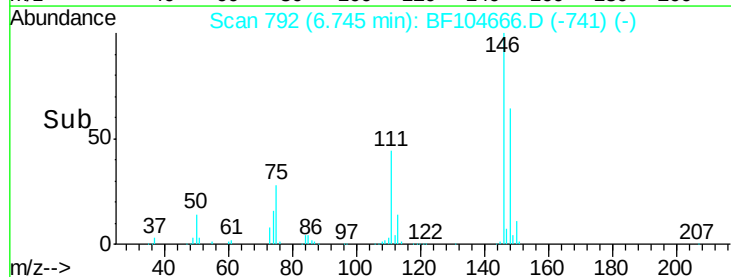
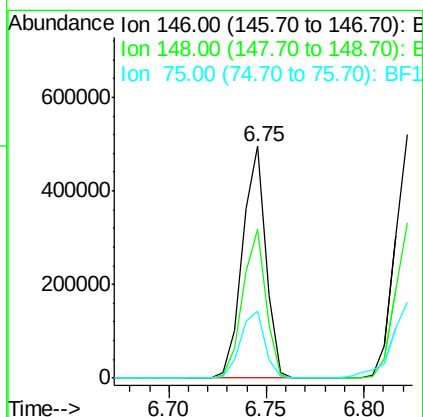
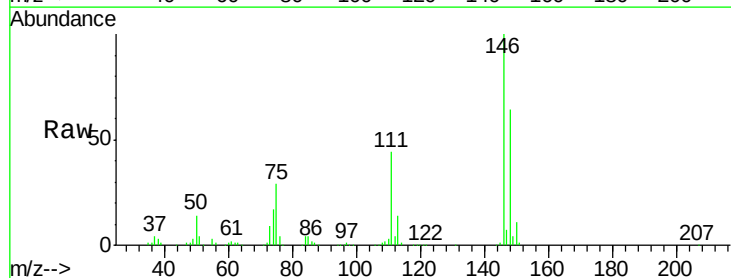
RT: 6.75 min Scan# 792

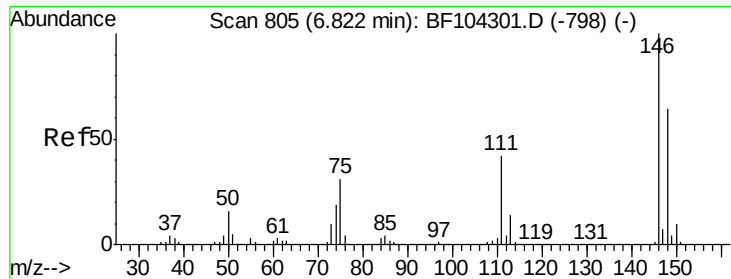
Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Tgt Ion:	146	Resp:	408816
Ion Ratio	Lower	Upper	
146	100		
148	64.3	51.8	77.8
75	28.7	24.2	36.4





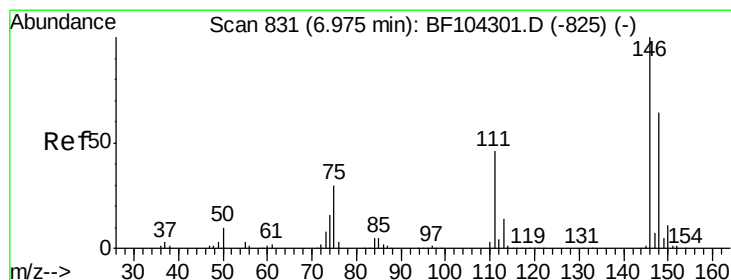
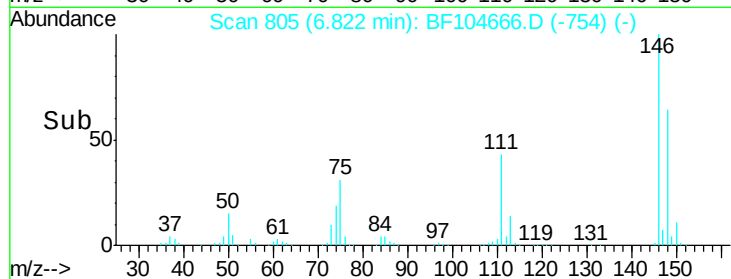
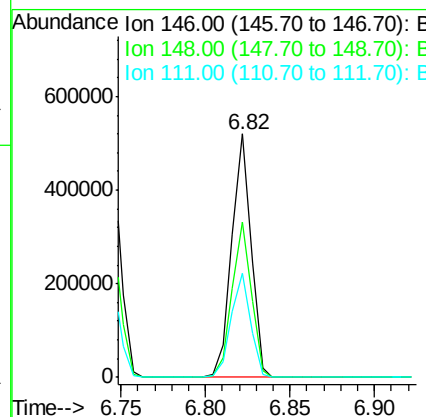
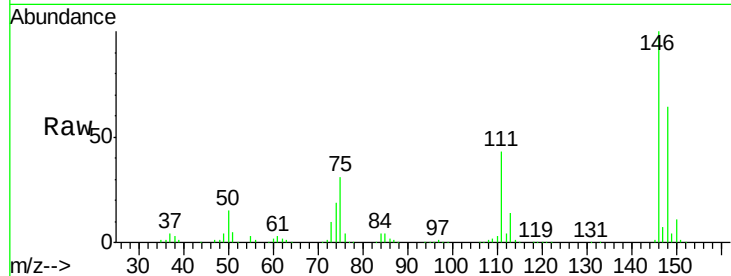
#13
 1,4-Dichlorobenzene
 Concen: 39.886 ng
 RT: 6.82 min Scan# 805
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.8	76.2
111	43.0	34.2	51.2

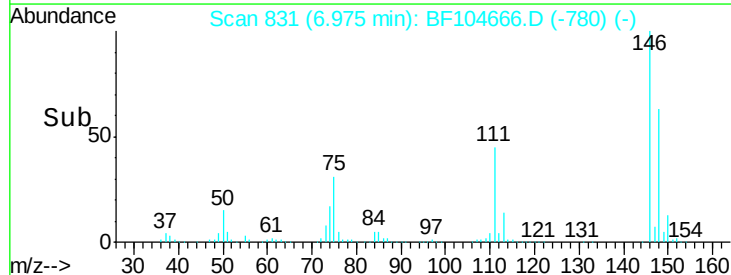
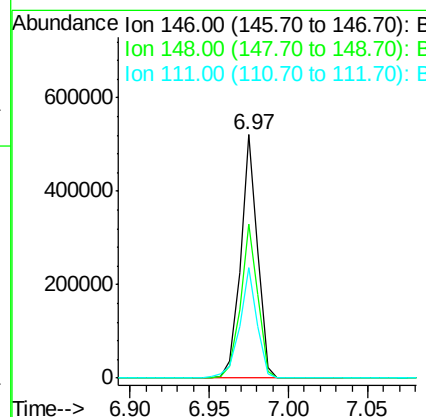
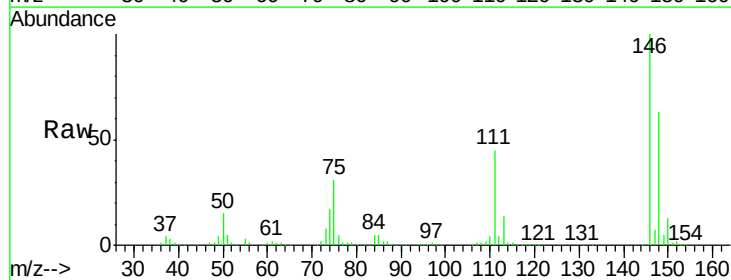
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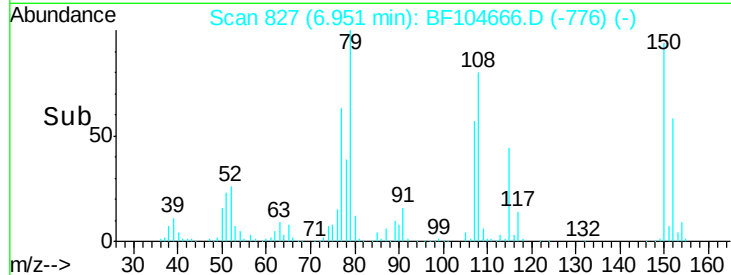
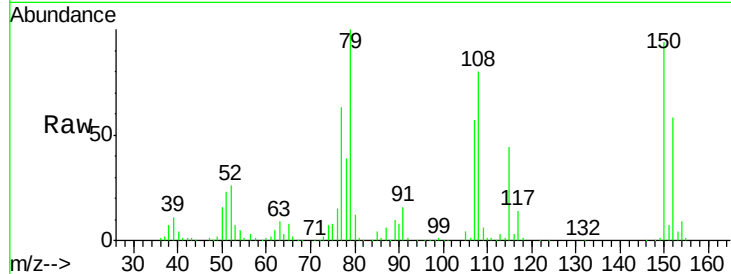
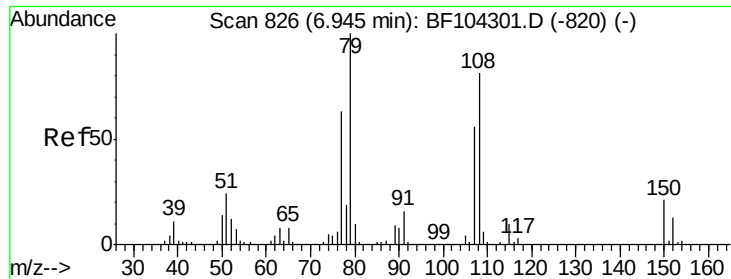
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#14
 1,2-Dichlorobenzene
 Concen: 40.247 ng
 RT: 6.97 min Scan# 831
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
111	45.5	36.0	54.0





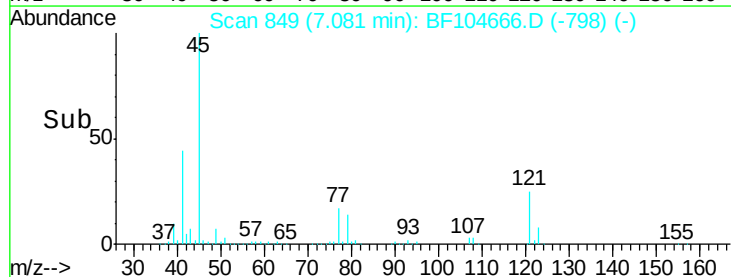
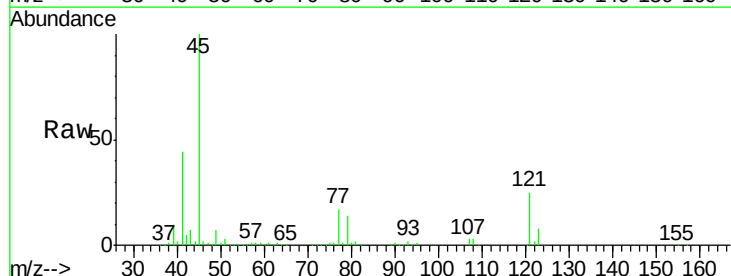
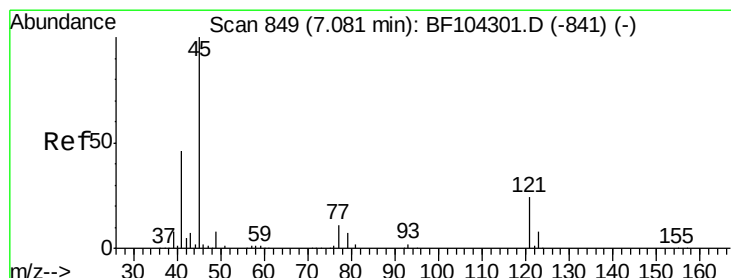
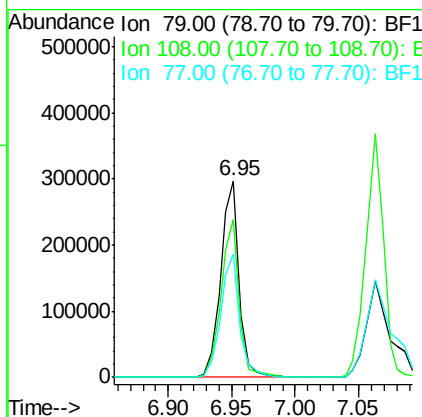
#15
Benzvl Alcohol
Concen: 37.183 ng
RT: 6.95 min Scan# 827
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tot Ion	Ratio	Resp	Lower	Upper
79	100	300662		
108	80.2	65.1	97.7	
77	63.0	50.6	75.8	

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

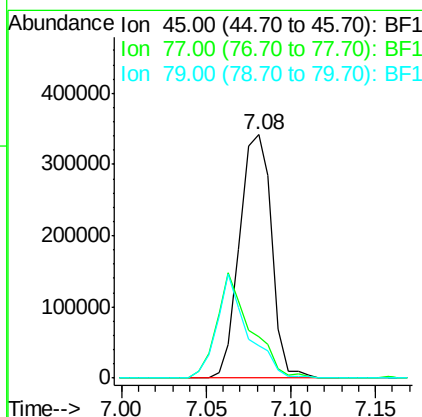
Manual Integrations
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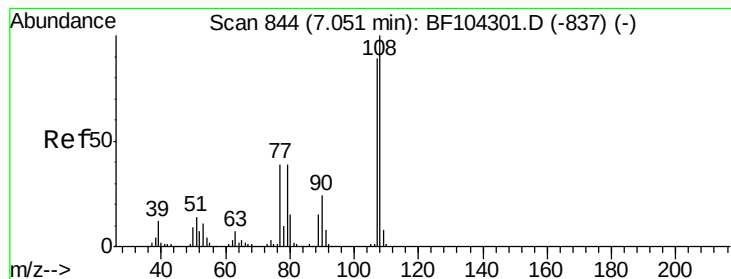
Sohil
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.359 ng
RT: 7.08 min Scan# 849
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
45	100	452257		
77	17.1	0.0	32.9	
79	13.5	0.0	29.6	





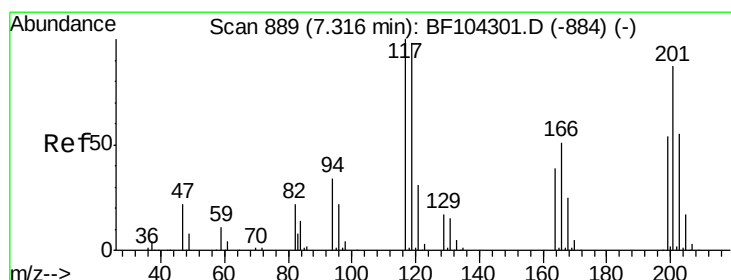
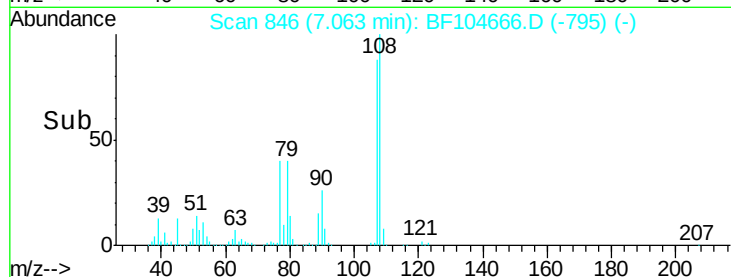
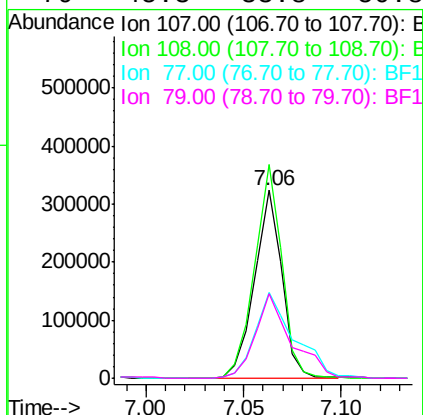
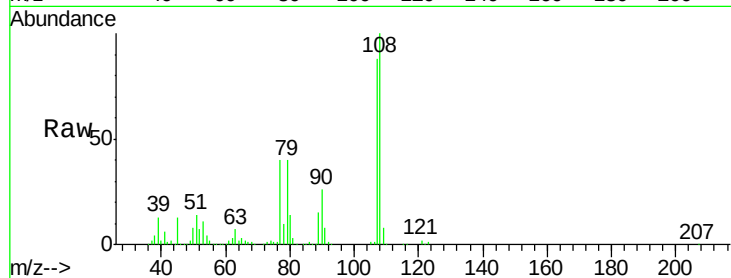
#17
2-Methylphenol
Concen: 39.387 ng
RT: 7.06 min Scan# 846
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.7	91.7	137.5	
77	45.7	33.8	50.8	
79	45.3	33.8	50.8	

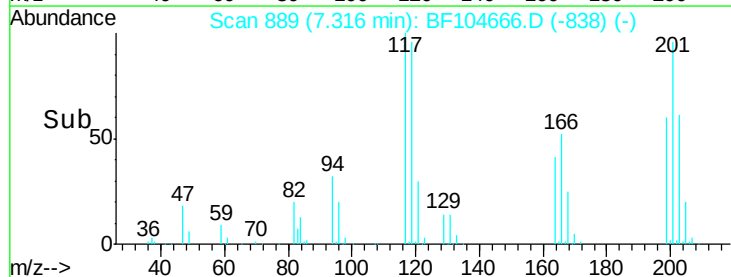
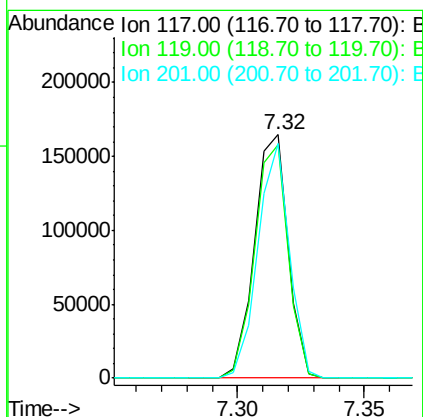
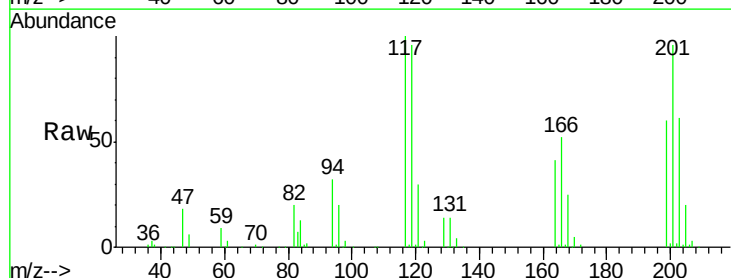
Manual Integrations
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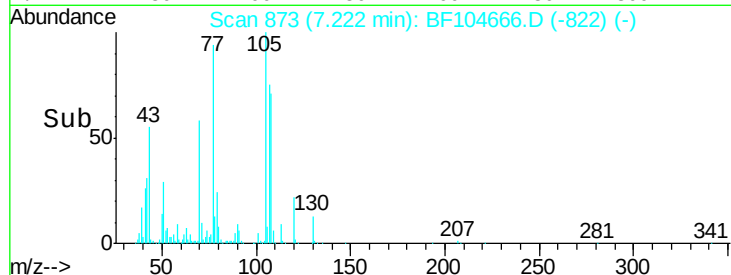
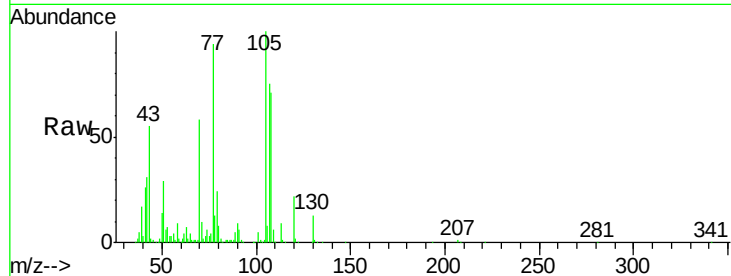
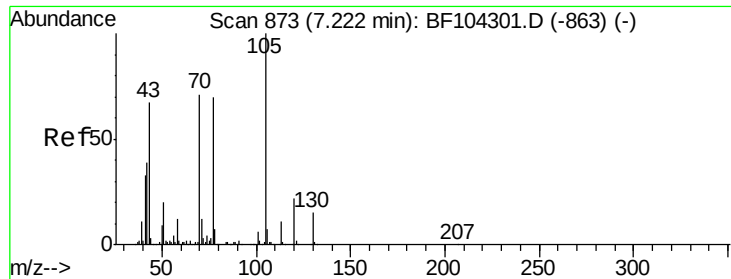
Sohil
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#18
Hexachloroethane
Concen: 41.352 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.1	75.8	113.8	
201	96.4	75.7	113.5	





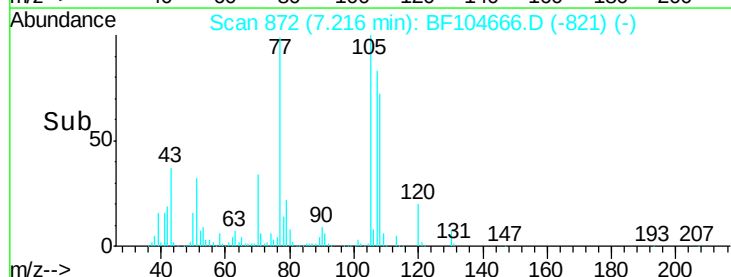
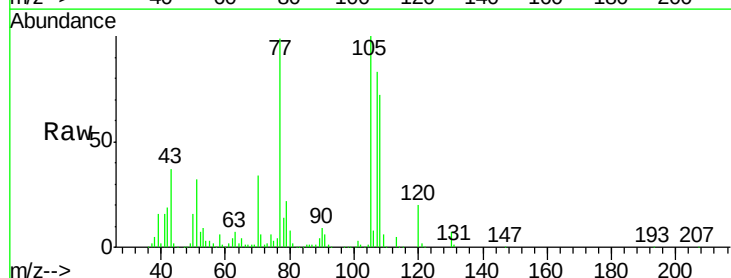
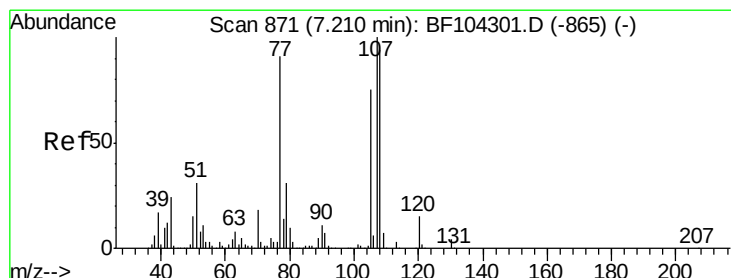
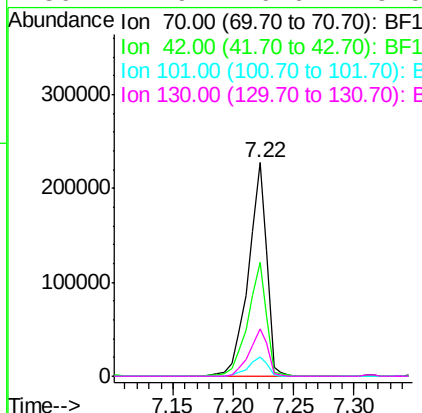
#19
n-Nitroso-di-n-propylamine
Concen: 34.726 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.3	47.5	71.3
101	9.3	7.4	11.2
130	21.9	16.6	25.0

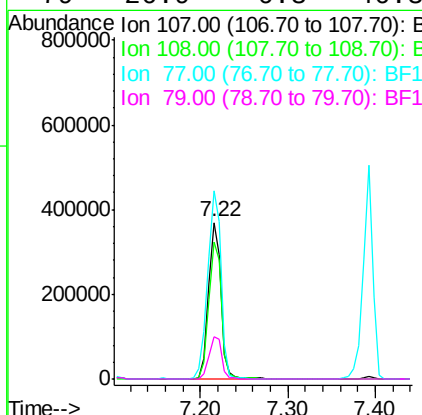
Manual Integrations
APPROVED

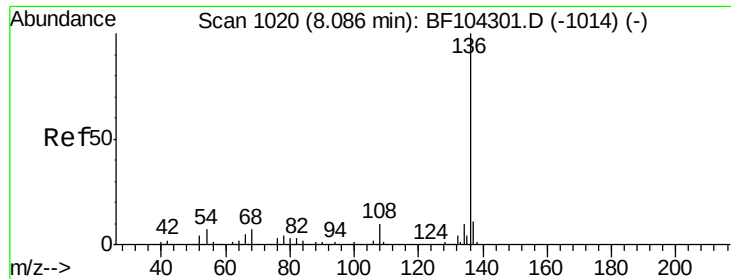
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#20
3+4-Methylphenols
Concen: 37.207 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.5	68.2	108.2
77	120.2	26.7	66.7#
79	26.9	6.3	46.3





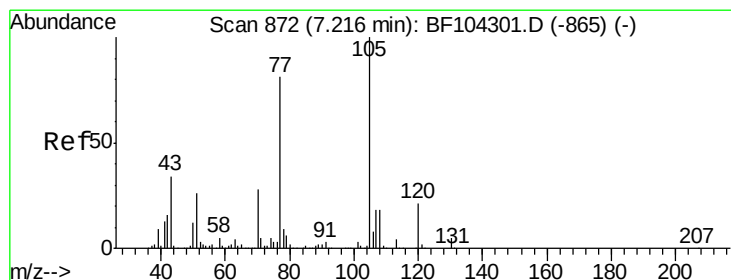
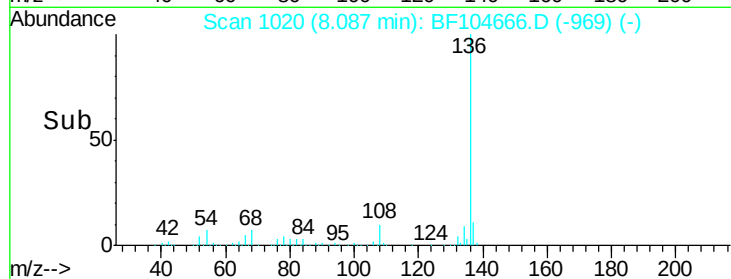
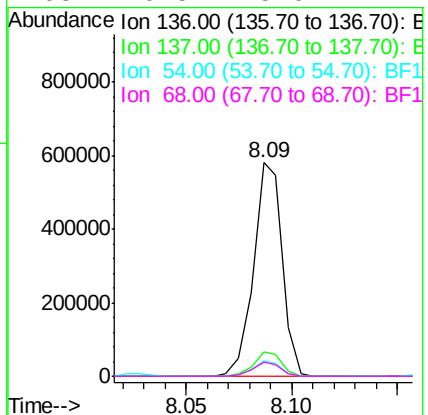
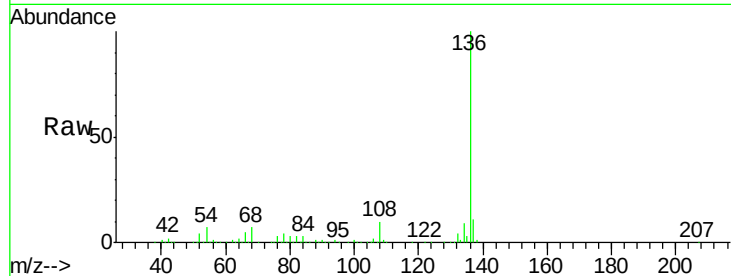
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	546595		
137	11.2	8.9	13.3	
54	7.3	6.6	9.8	
68	6.5	5.0	7.4	

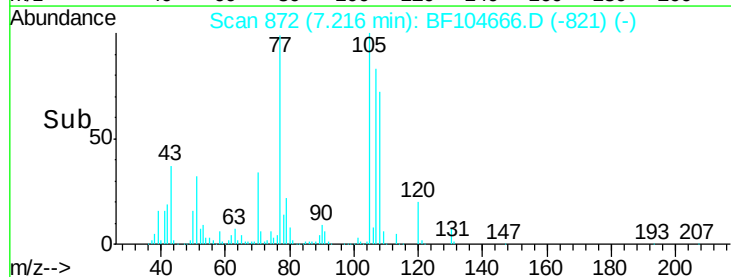
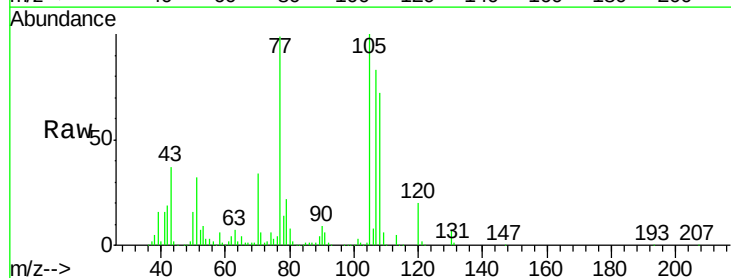
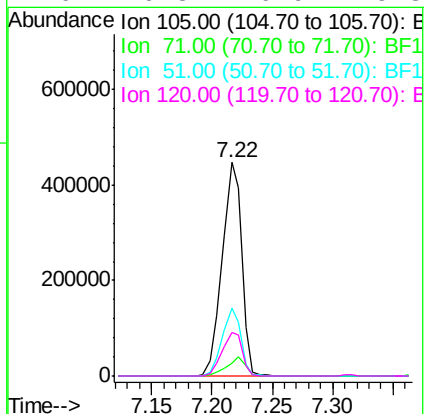
Manual Integrations
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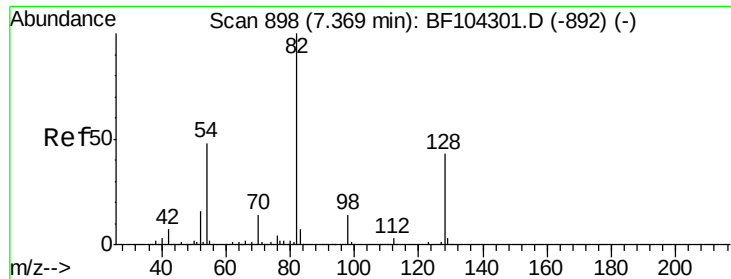
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#22
Acetophenone
Concen: 37.231 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	501011		
71	5.7	4.4	6.6	
51	32.0	22.3	33.5	
120	20.3	16.9	25.3	





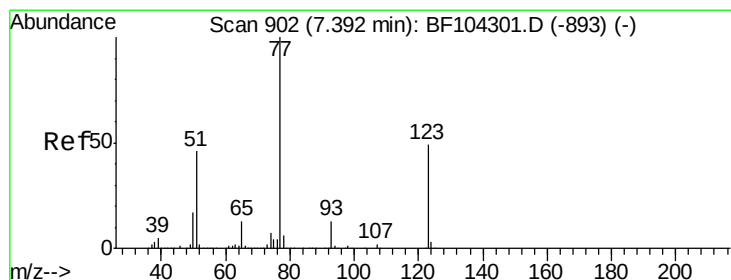
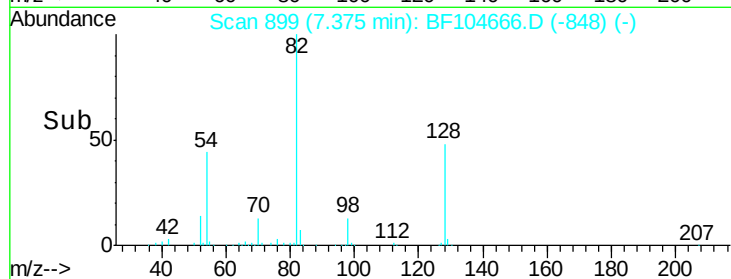
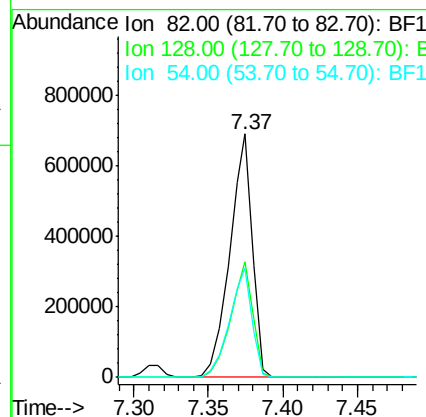
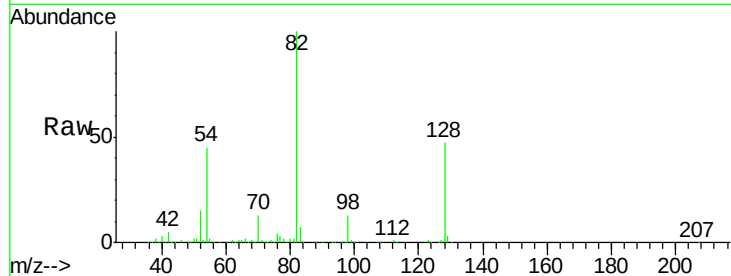
#23
 Nitrobenzene-d5
 Concen: 88.049 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	737038		
128	47.5	36.1	54.1	
54	44.6	41.4	62.2	

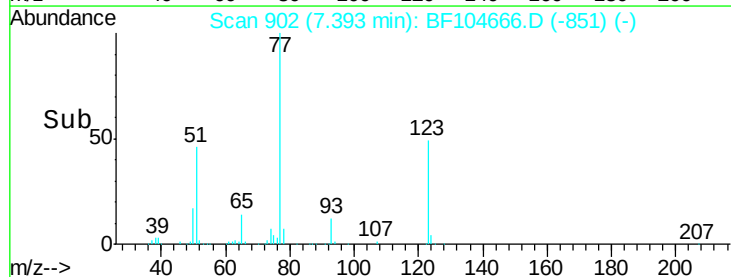
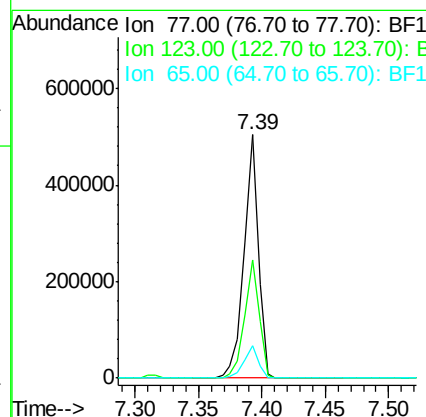
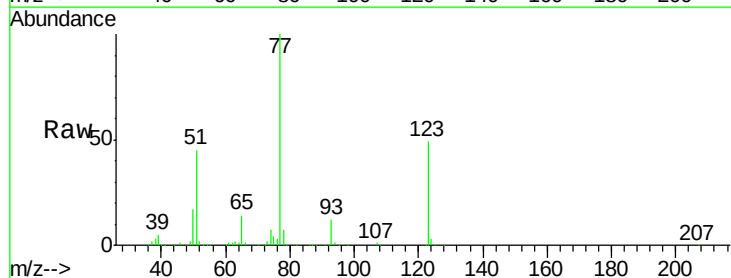
Manual Integrations
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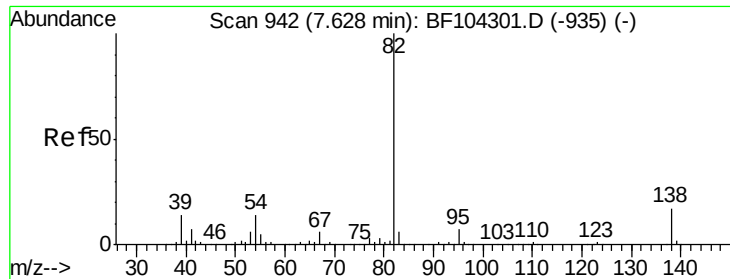
Sohil
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#24
 Nitrobenzene
 Concen: 42.369 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	391567		
123	48.8	37.9	56.9	
65	13.5	11.0	16.4	





#25

Isophorone

Concen: 37.562 ng

RT: 7.63 min Scan# 942

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Instrument :

BNA_F

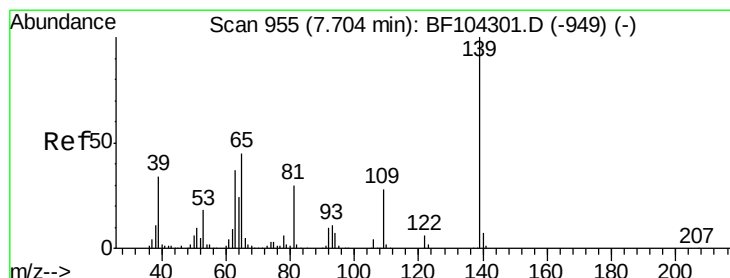
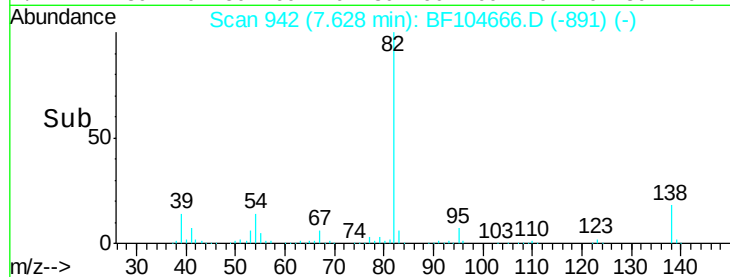
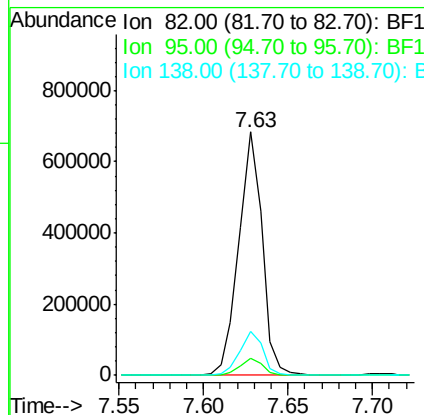
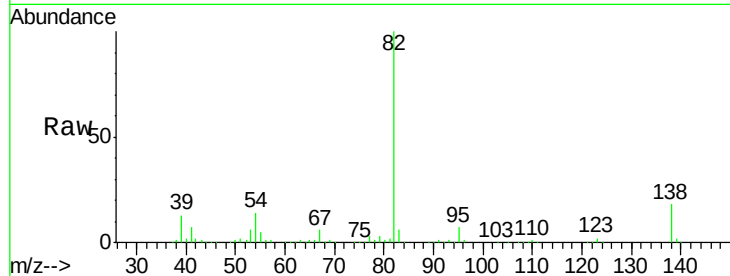
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	664884
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.2	7.8
138	17.9	14.9	22.3

Manual Integrations
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#26

2-Nitrophenol

Concen: 54.317 ng

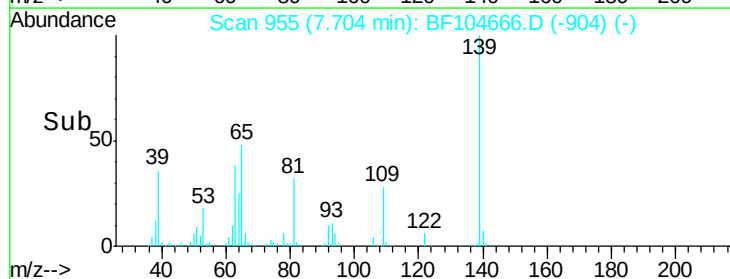
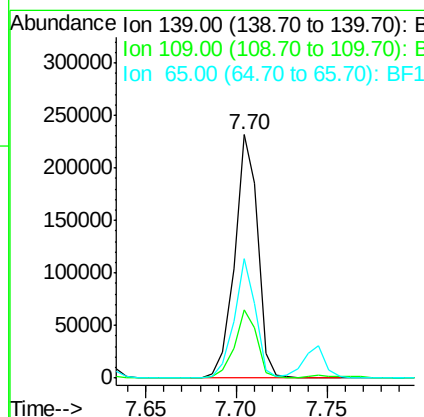
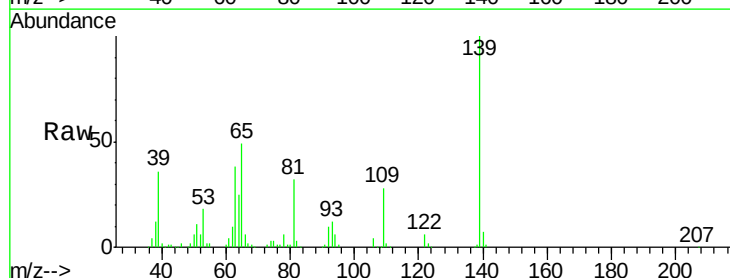
RT: 7.70 min Scan# 955

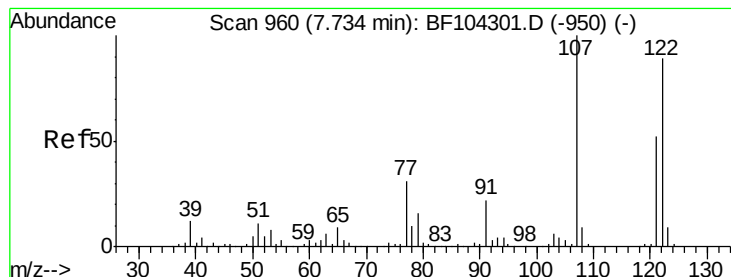
Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Tgt Ion:	139	Resp:	204361
Ion Ratio		Lower	Upper
139	100		
109	28.3	22.7	34.1
65	48.9	40.5	60.7





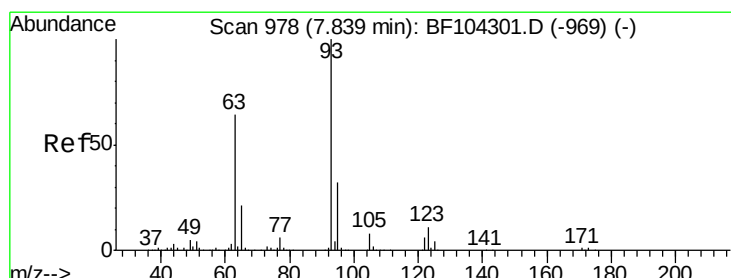
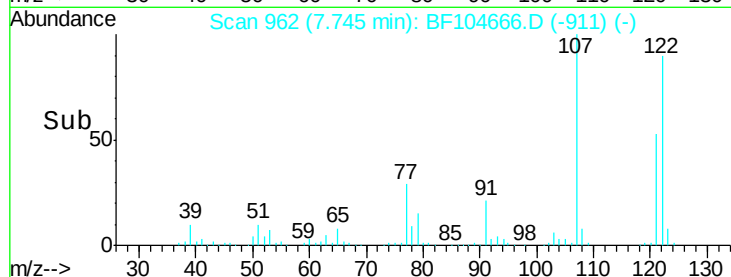
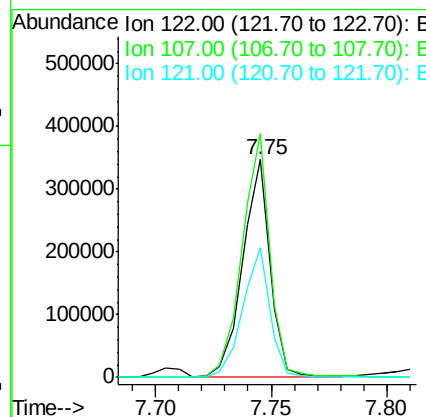
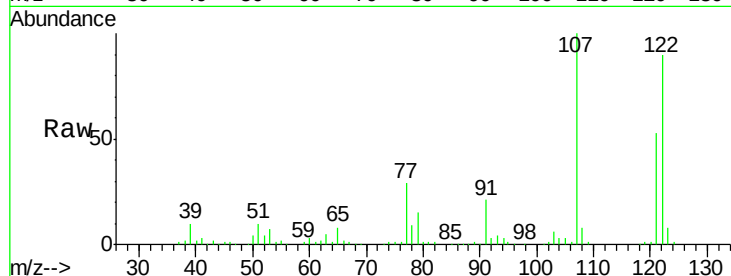
#27
 2,4-Dimethylphenol
 Concen: 36.504 ng
 RT: 7.75 min Scan# 962
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	111.7	91.2	136.8
121	59.4	47.2	70.8

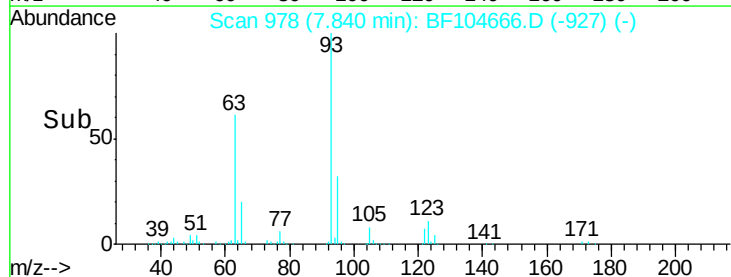
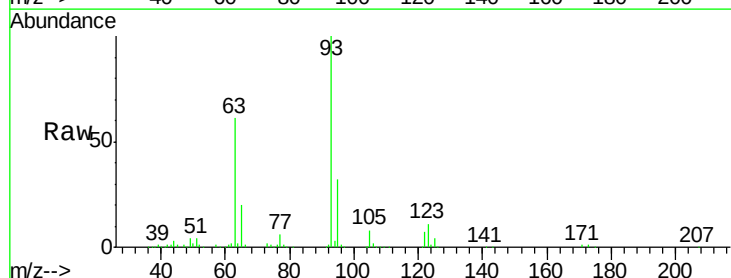
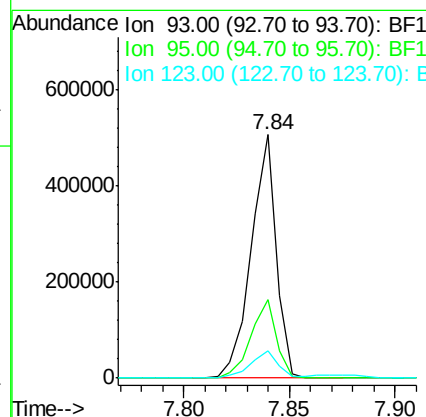
Manual Integrations
 APPROVED

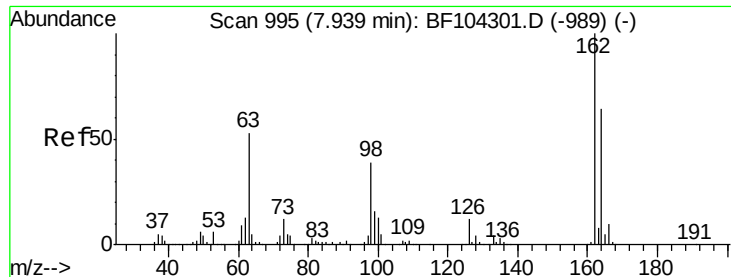
Sohil
 4/23/2018 2:18:03 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.770 ng
 RT: 7.84 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.0	26.3	39.5
123	11.3	9.8	14.6





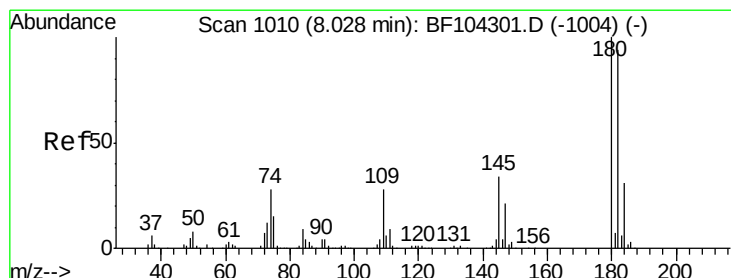
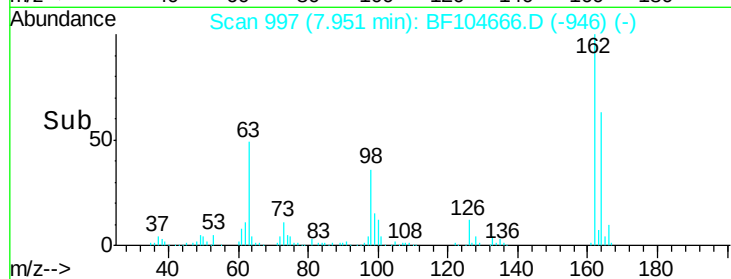
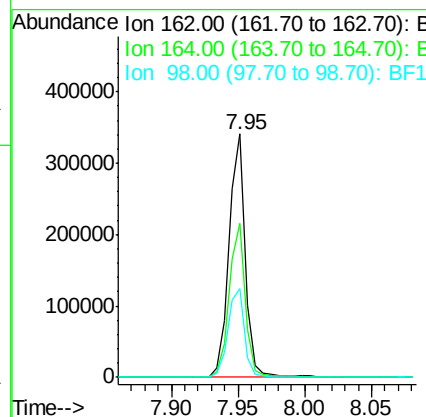
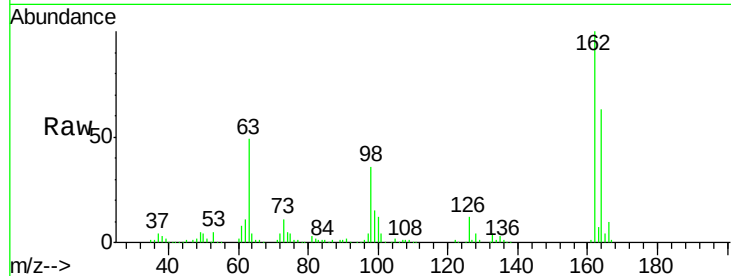
#29
2,4-Dichlorophenol
Concen: 39.865 ng
RT: 7.95 min Scan# 997
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	297146		
164	63.3	42.7	82.7	
98	36.2	18.1	58.1	

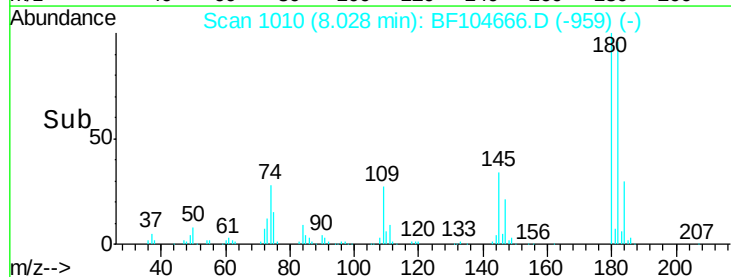
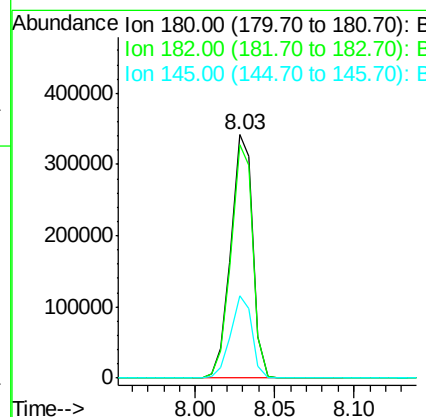
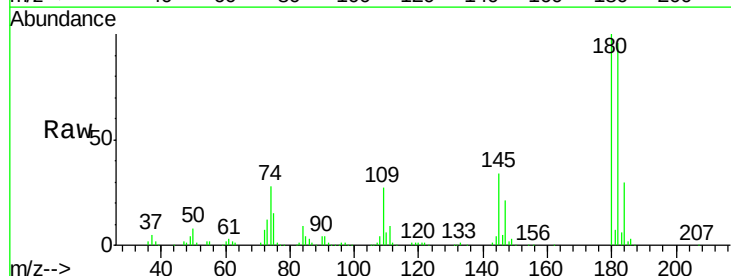
Manual Integrations
APPROVED

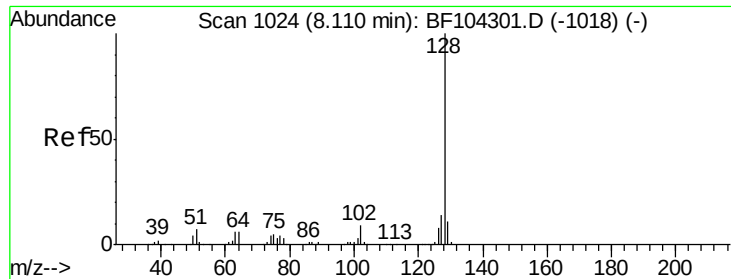
Sohil
4/23/2018 2:18:03 PM



#30
1,2,4-Trichlorobenzene
Concen: 40.003 ng
RT: 8.03 min Scan# 1010
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	327242		
182	95.8	76.8	115.2	
145	33.8	26.5	39.7	





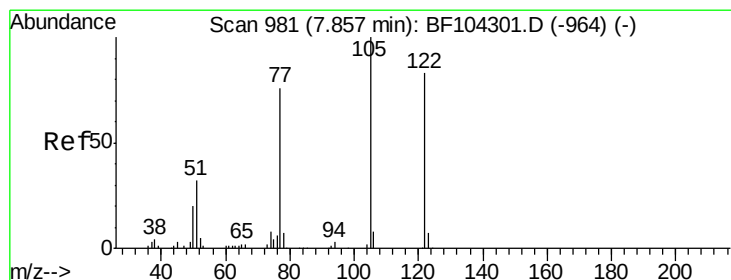
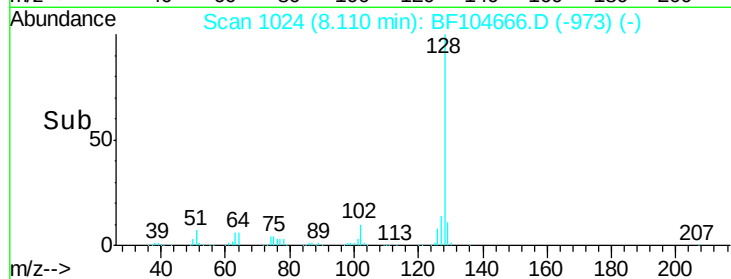
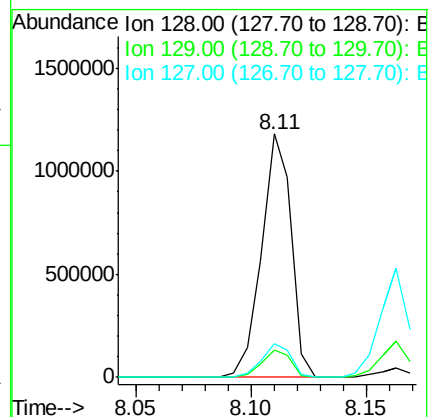
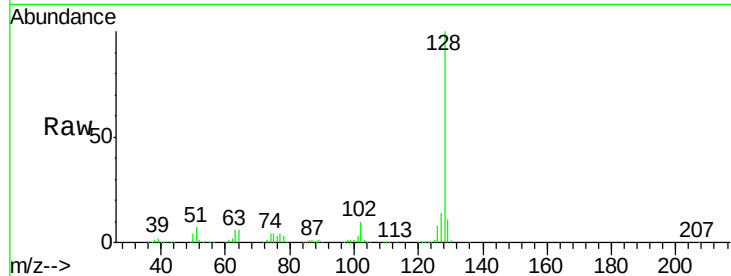
#31
Naphthalene
Concen: 38.987 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.8	10.9	16.3

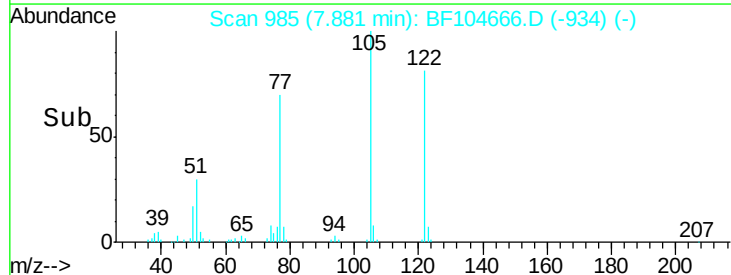
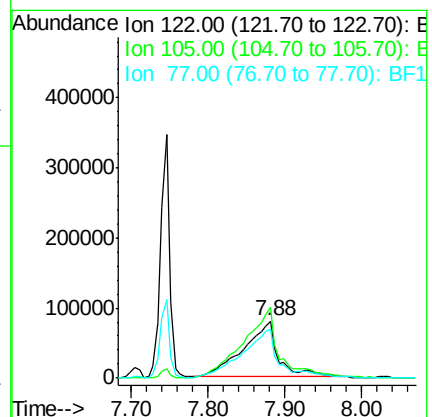
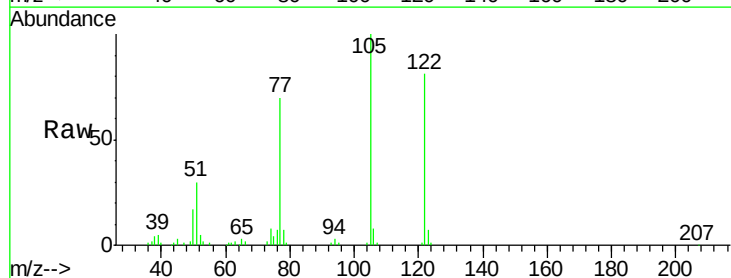
Manual Integrations
APPROVED

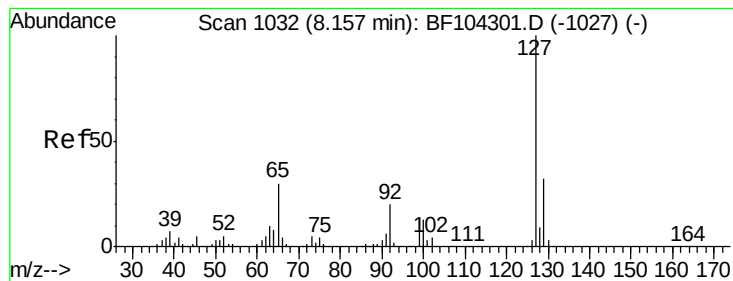
Sohil
4/23/2018 2:18:03 PM



#32
Benzoic acid
Concen: 40.749 ng m
RT: 7.88 min Scan# 985
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.2	101.1	141.1
77	86.7	70.7	110.7





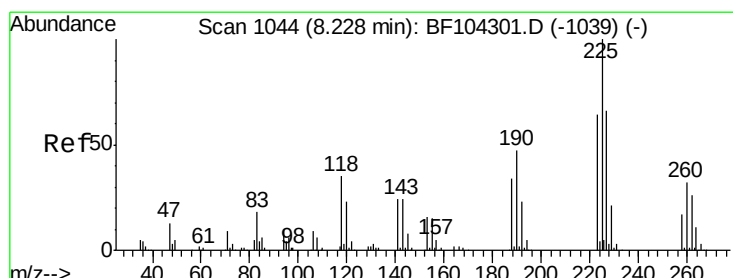
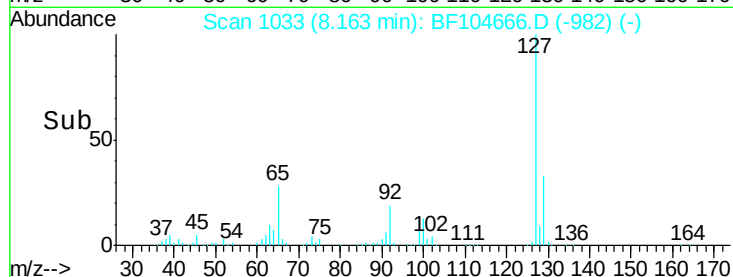
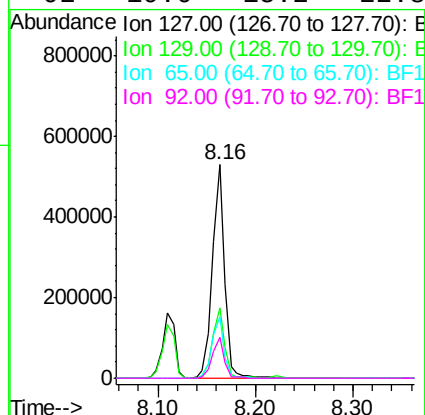
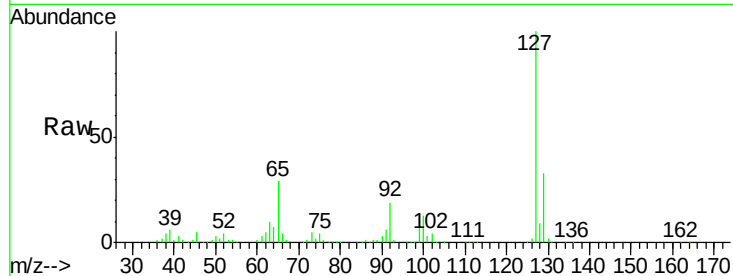
#33
4-Chloroaniline
Concen: 39.643 ng
RT: 8.16 min Scan# 1033
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.7	25.9	38.9		
65	28.6	25.0	37.4		
92	19.0	15.2	22.8		

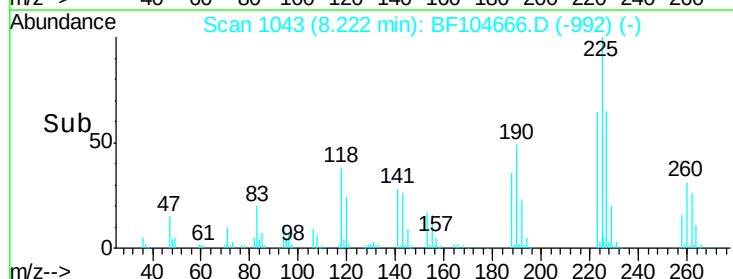
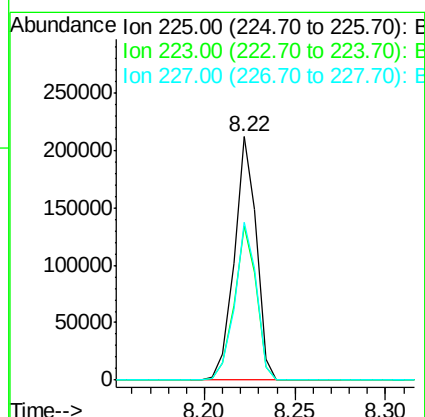
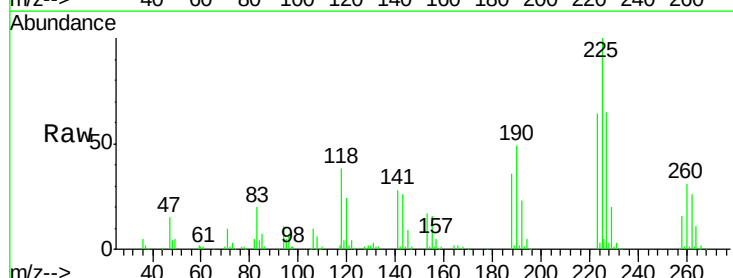
Manual Integrations
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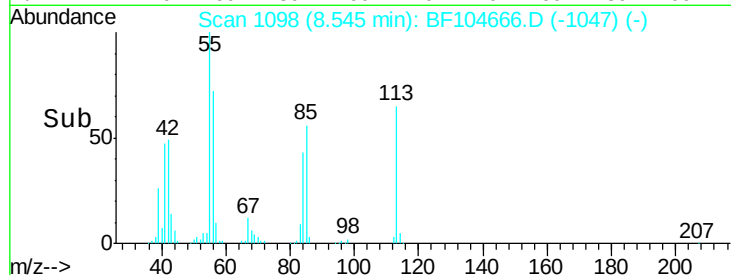
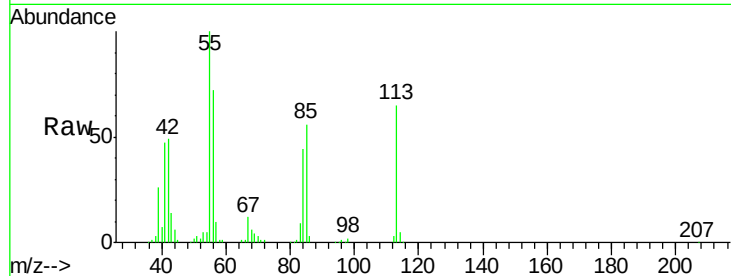
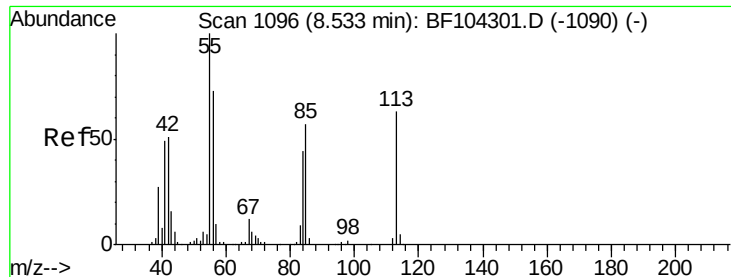
Sohil
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#34
Hexachlorobutadiene
Concen: 40.120 ng
RT: 8.22 min Scan# 1043
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	50.6	76.0		
227	64.6	51.9	77.9		





#35

Caprolactam

Concen: 39.987 ng/mL

RT: 8.55 min Scan# 1098

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Instrument :

BNA_F

ClientSampleID :

SSTDCCC040

Tot Ion:113 Resp: 103979

Ion Ratio Lower Upper

113 100

55 154.8 163.3 203.3#

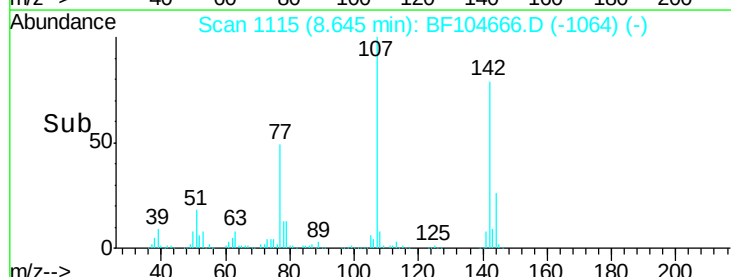
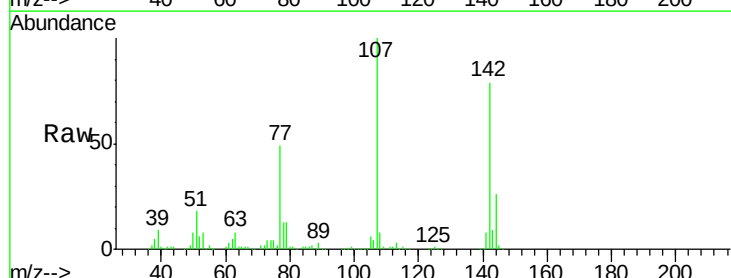
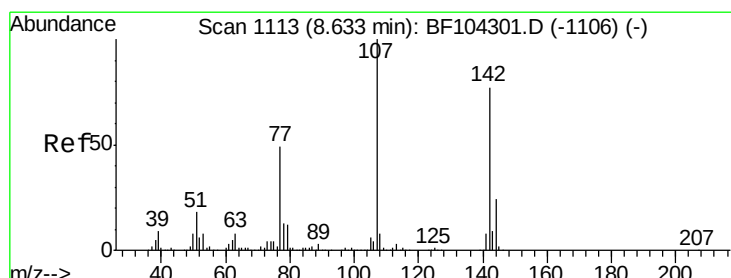
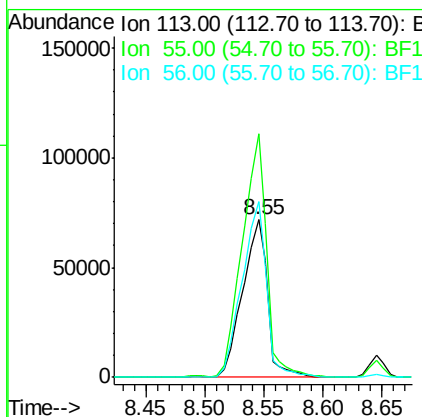
56 111.8 115.7 155.7#

Manual Integrations

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#36

4-Chloro-3-methylphenol

Concen: 40.092 ng/mL

RT: 8.65 min Scan# 1115

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

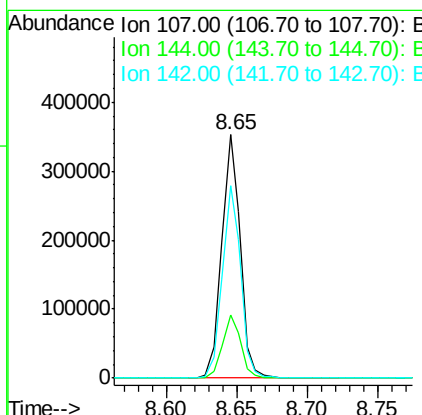
Tgt Ion:107 Resp: 320434

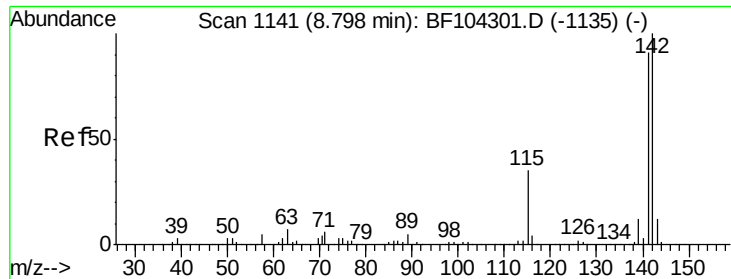
Ion Ratio Lower Upper

107 100

144 25.8 20.5 30.7

142 78.8 62.0 93.0





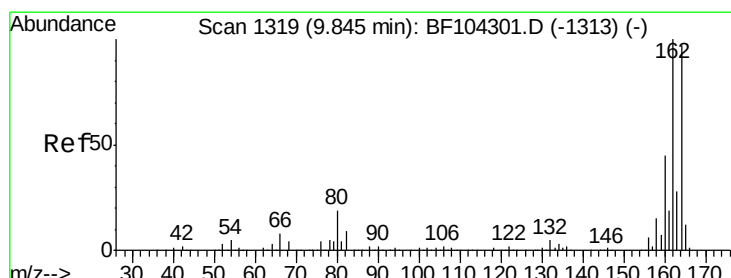
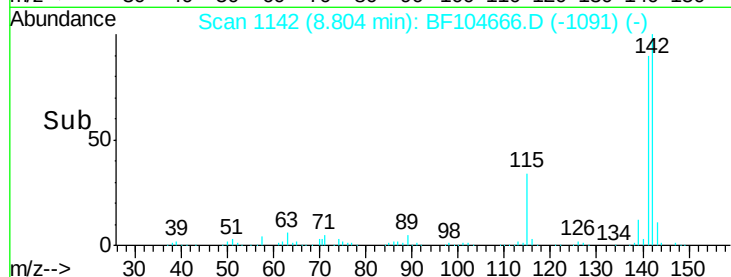
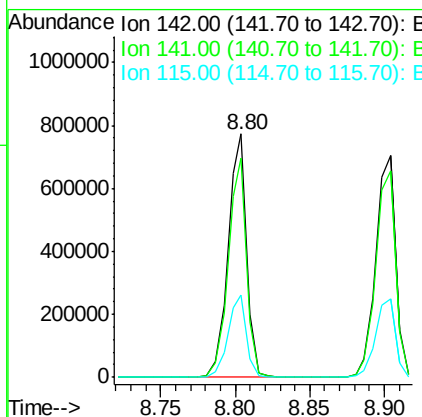
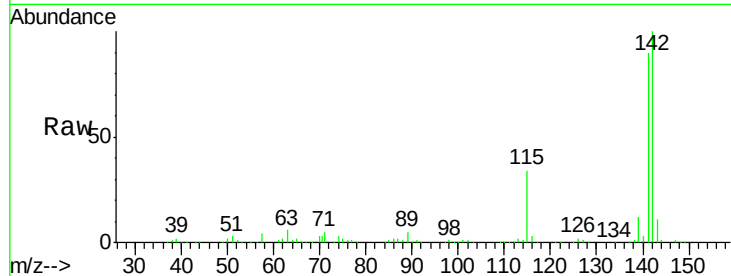
#37
2-Methylnaphthalene
Concen: 38.748 ng
RT: 8.80 min Scan# 1142
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.3	70.8	106.2
115	33.6	26.1	39.1

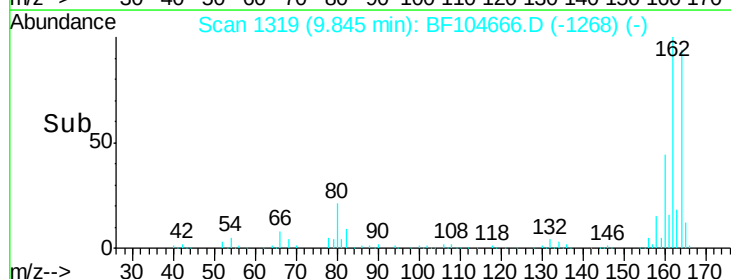
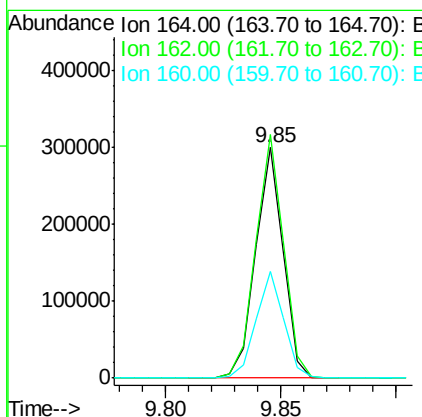
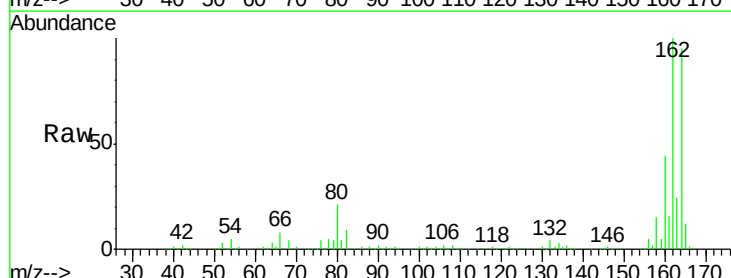
Manual Integrations
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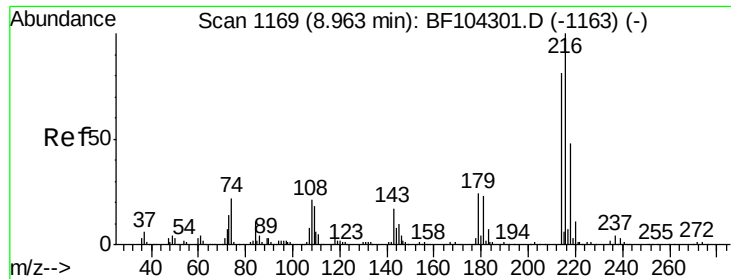
Sohil
4/23/2018 2:18:03 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.6	86.1	129.1
160	46.5	38.3	57.5





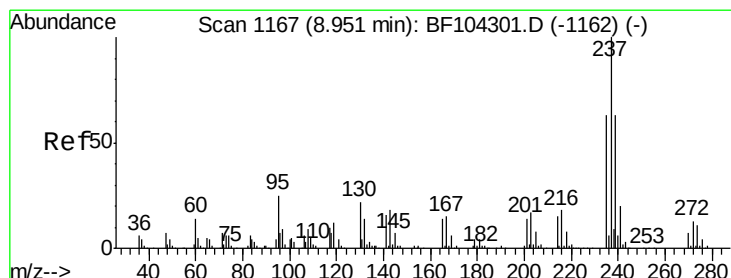
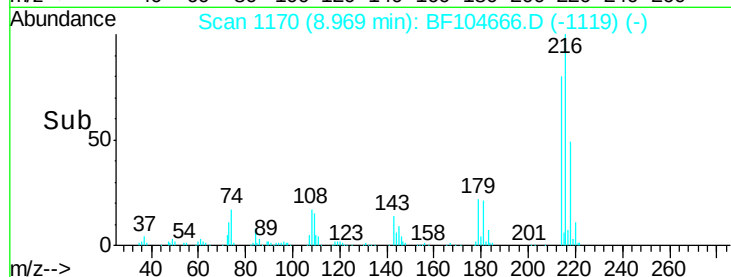
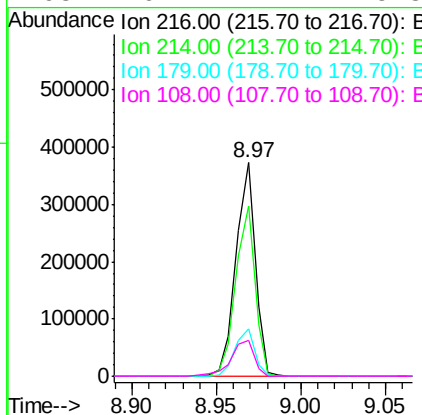
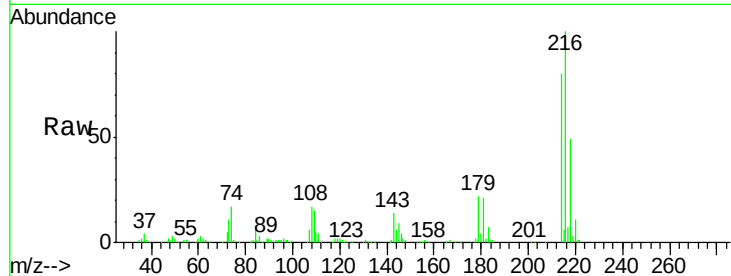
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.482 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
216	100		296095		
214	79.8		63.0	94.4	
179	22.7		18.1	27.1	
108	20.2		17.2	25.8	

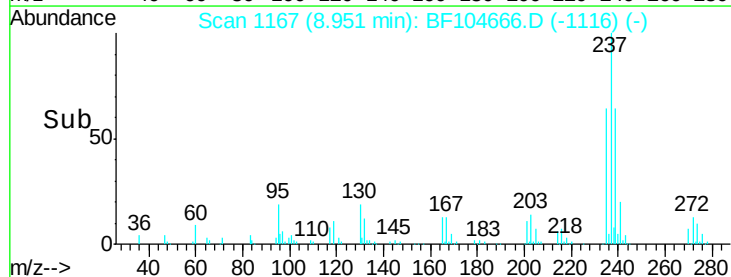
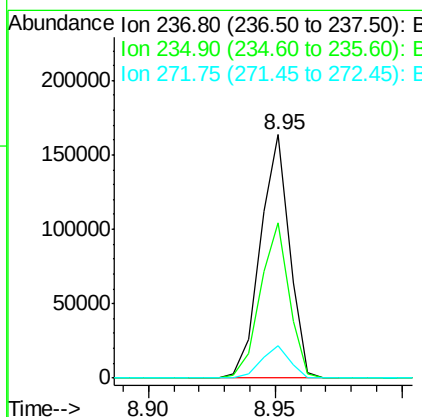
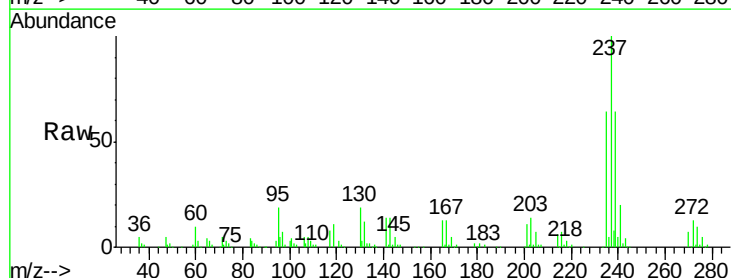
Manual Integrations
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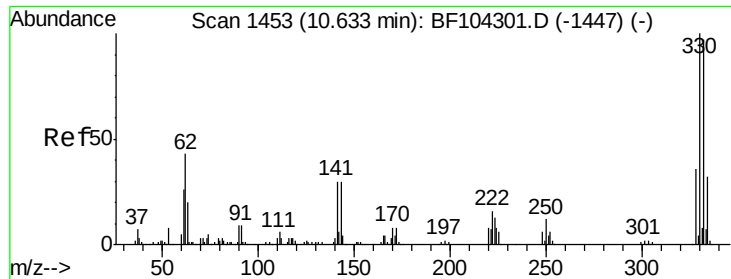
Sohil
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#40
 Hexachlorocyclopentadiene
 Concen: 32.874 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
237	100		131367		
235	63.6		44.8	84.8	
272	13.4		0.0	33.3	





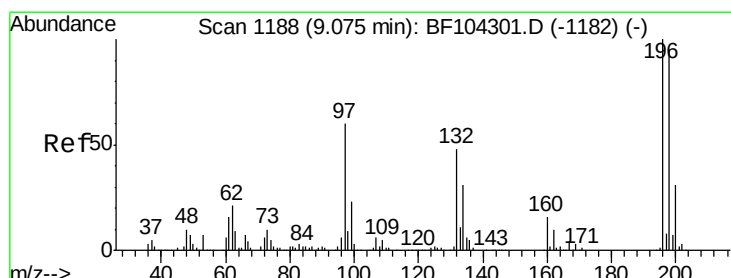
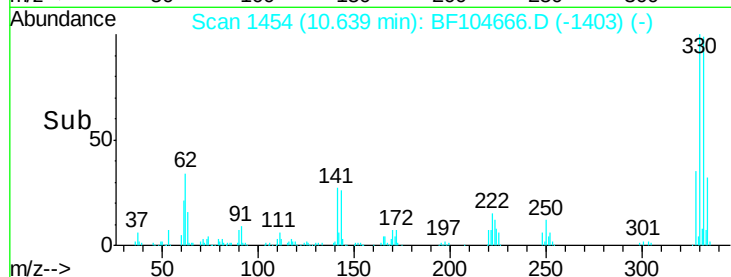
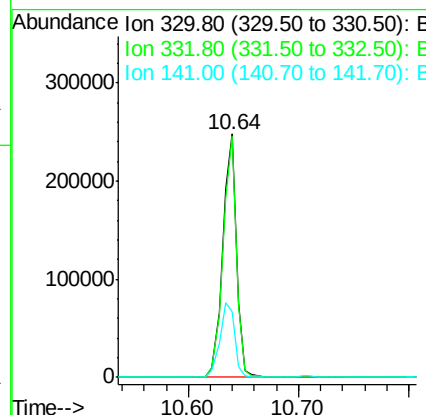
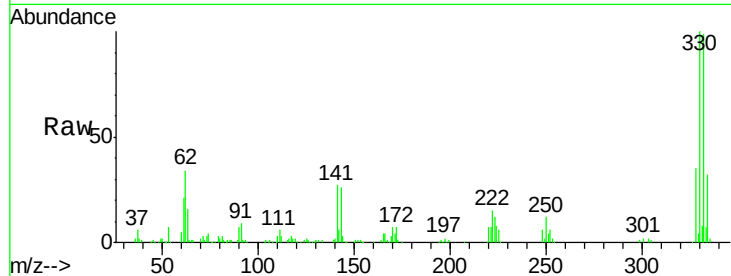
#41
 2,4,6-Tribromophenol
 Concen: 83.042 ng
 RT: 10.64 min Scan# 1454
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100	214797		
332	97.1	77.0	115.6	
141	32.6	29.9	44.9	

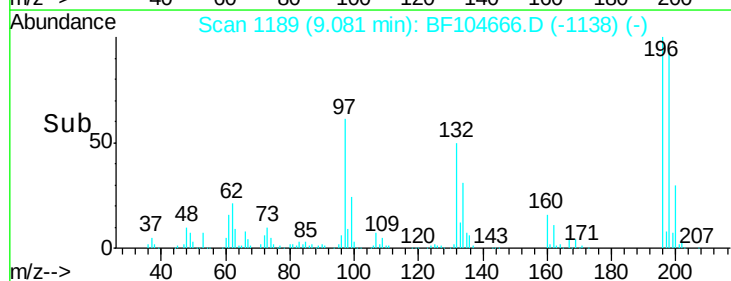
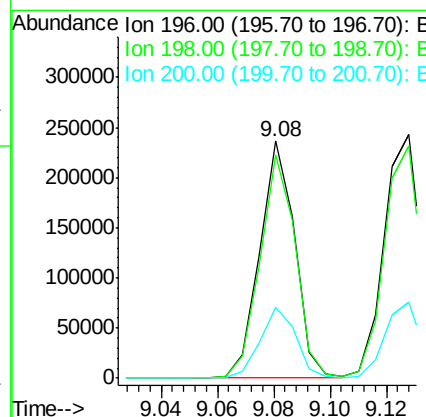
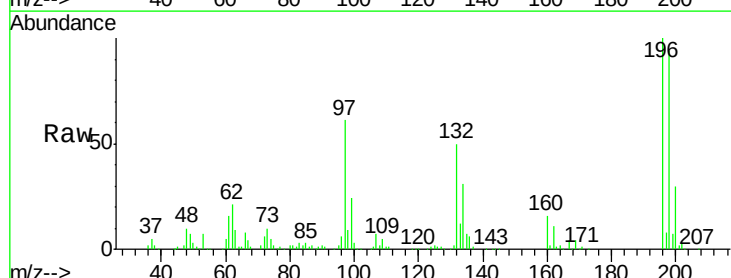
Manual Integrations
 APPROVED

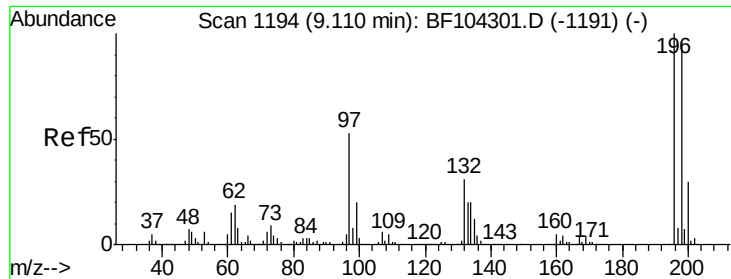
Sohil
 4/23/2018 2:18:03 PM



#42
 2,4,6-Trichlorophenol
 Concen: 41.158 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	203937		
198	94.1	75.7	113.5	
200	30.0	24.5	36.7	





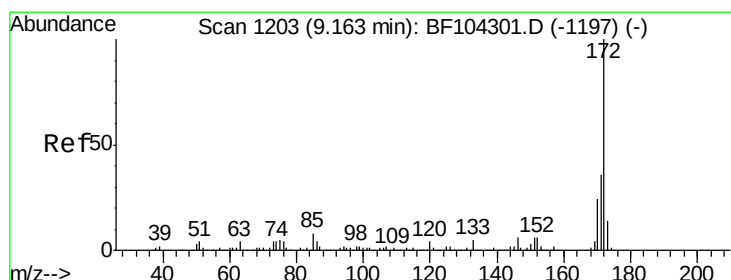
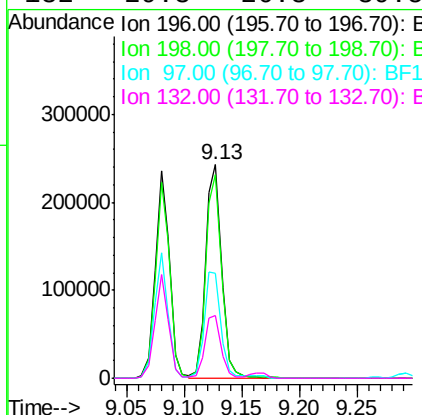
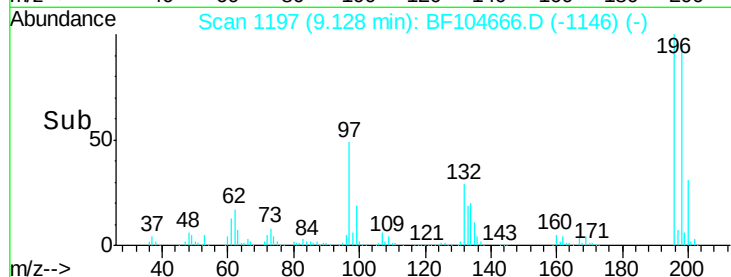
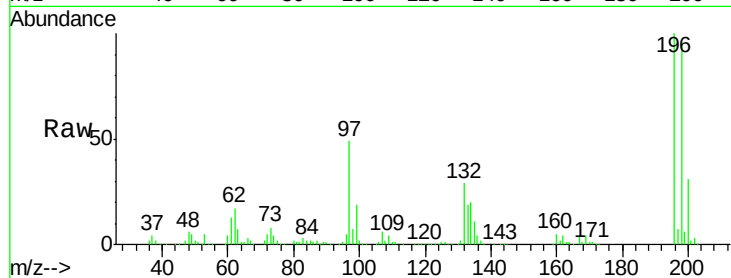
#43
 2,4,5-Trichlorophenol
 Concen: 42.447 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	235365		
198	95.1	74.6	112.0	
97	49.1	42.9	64.3	
132	29.3	26.3	39.5	

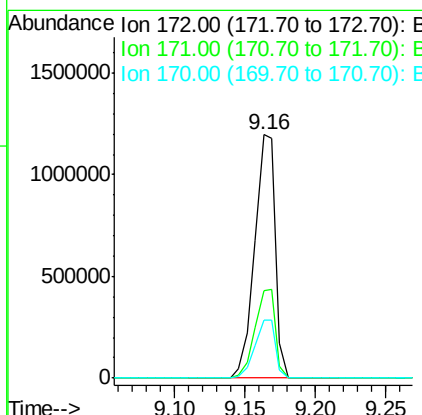
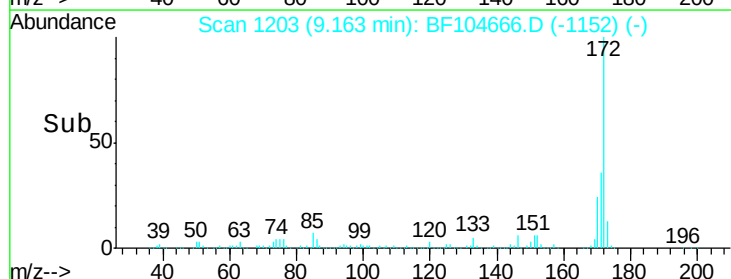
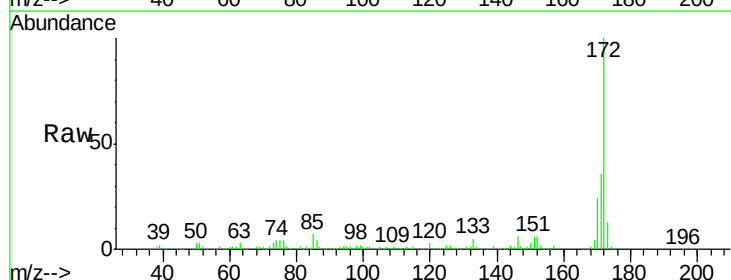
Manual Integrations
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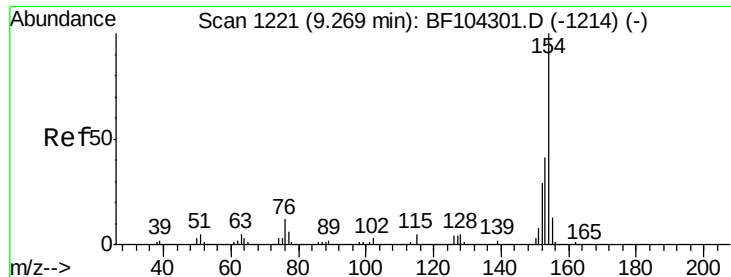
Sohil
 4/23/2018 2:18:03 PM



#44
 2-Fluorobiphenyl
 Concen: 78.511 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1239236		
171	36.2	29.7	44.5	
170	24.0	19.6	29.4	





#45

1,1'-Biphenyl

Concen: 39.729 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Instrument :

BNA_F

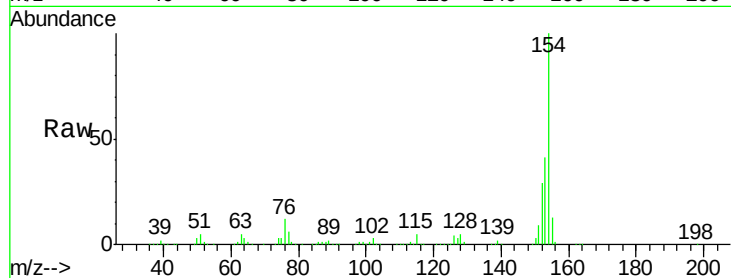
ClientSampled :

SSTDCCC040

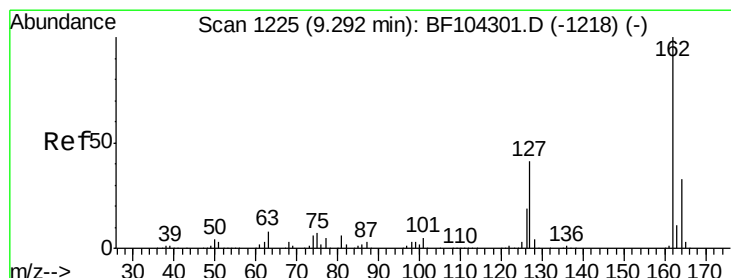
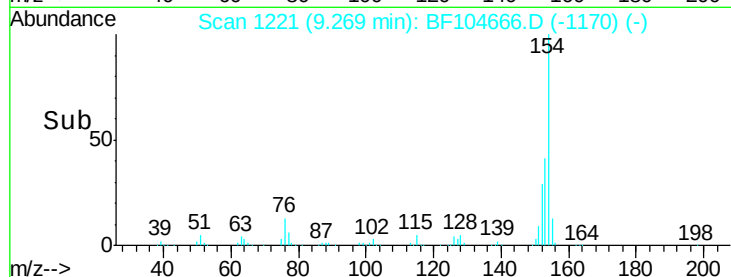
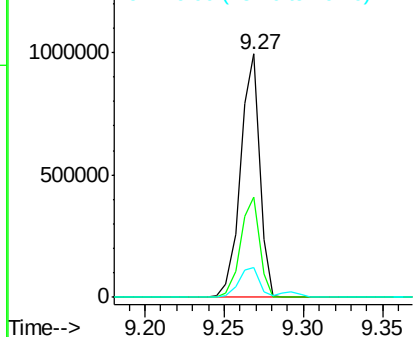
Tot Ion:	154	Resp:	832213
Ion Ratio	Lower	Upper	
154	100		
153	41.1	21.3	61.3
76	12.5	0.0	34.0

Manual Integrations
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Sohil
4/23/2018 2:18:03 PM



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: 40.185 ng

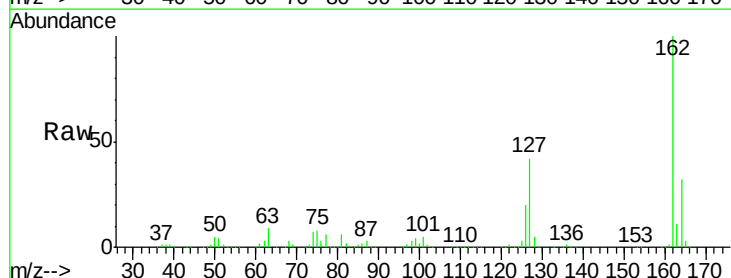
RT: 9.29 min Scan# 1225

Delta R.T. 0.00 min

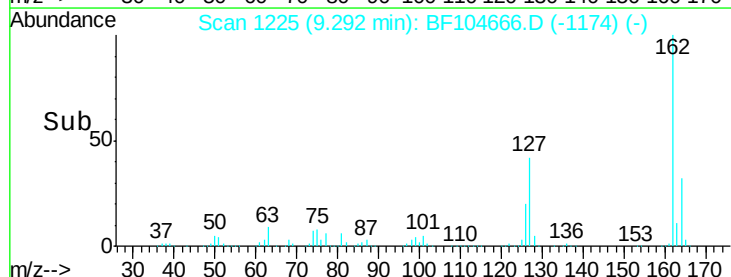
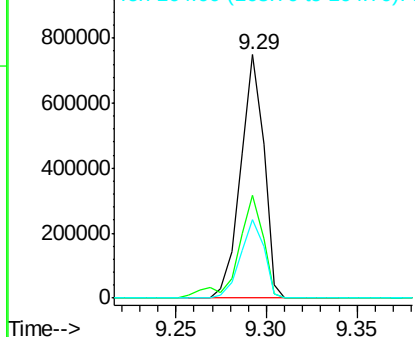
Lab File: BF104666.D

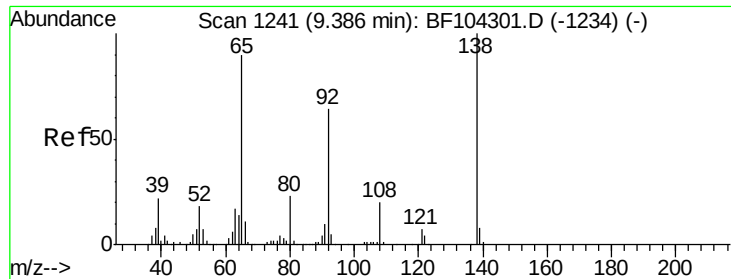
Acq: 20 Apr 2018 11:19

Tgt Ion:	162	Resp:	664887
Ion Ratio	Lower	Upper	
162	100		
127	42.1	33.9	50.9
164	32.4	26.5	39.7



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





#47

2-Nitroaniline

Concen: 50.041 ng

RT: 9.39 min Scan# 1242

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Instrument :

BNA_F

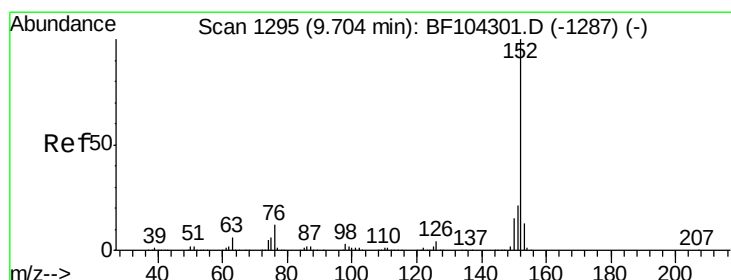
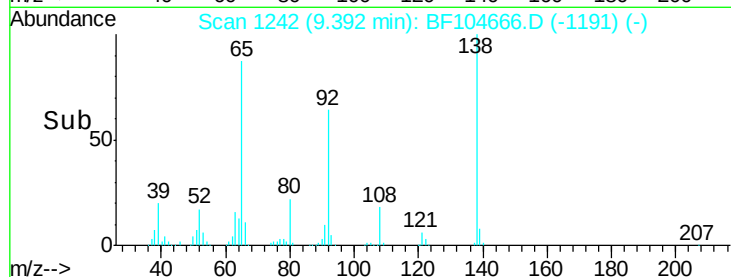
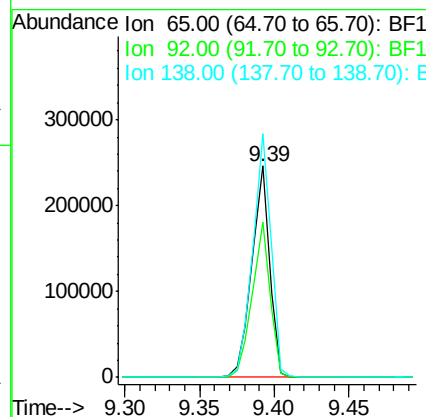
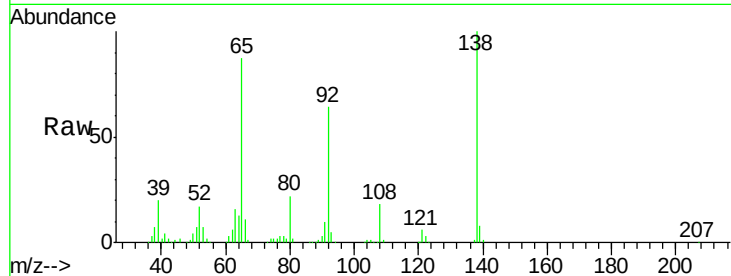
ClientSampleId :

SSTDCCC040

Tot Ion:	65	Resp:	204755
Ion Ratio	Lower	Upper	
65	100		
92	73.5	55.8	83.6
138	115.3	91.2	136.8

Manual Integrations
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Sohil
4/23/2018 2:18:03 PM



#48

Acenaphthylene

Concen: 39.070 ng

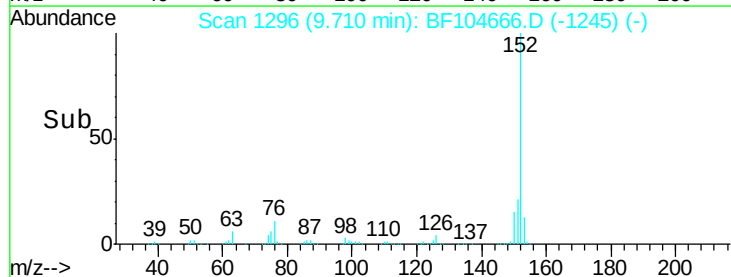
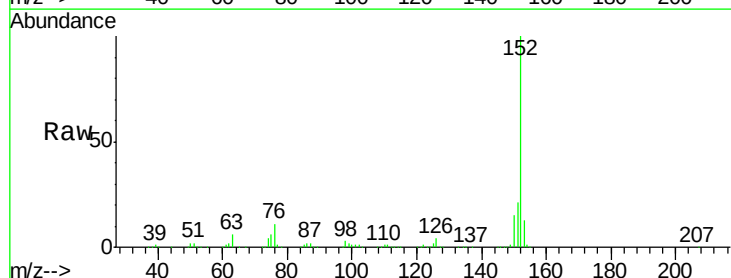
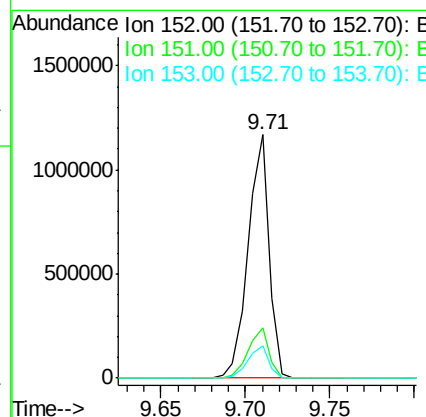
RT: 9.71 min Scan# 1296

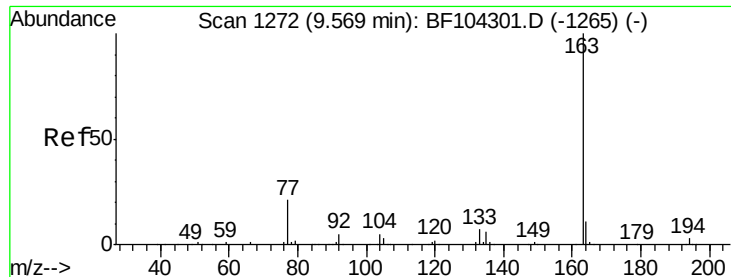
Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Tgt Ion:	152	Resp:	1014241
Ion Ratio	Lower	Upper	
152	100		
151	20.8	16.3	24.5
153	13.1	10.7	16.1





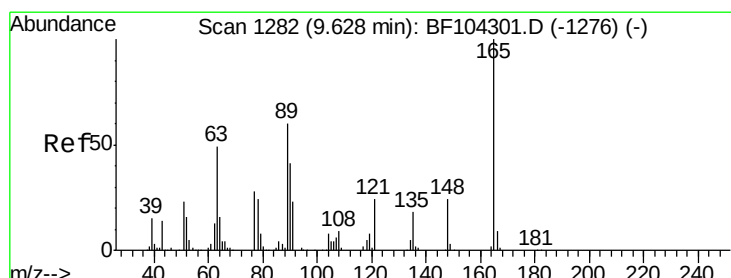
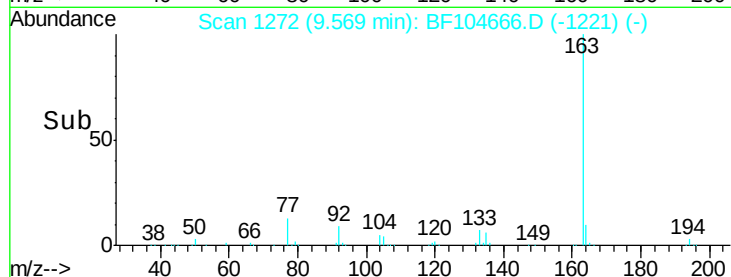
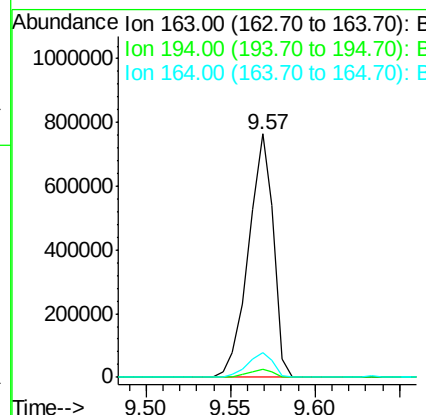
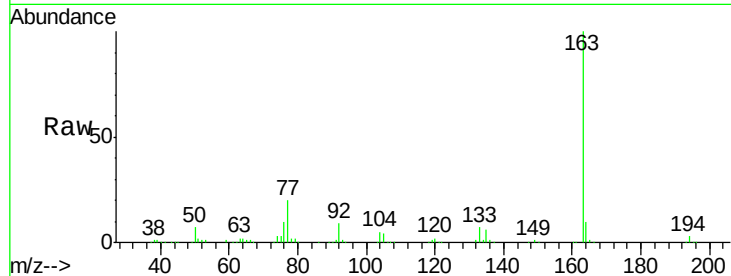
#49
Dimethylphthalate
Concen: 39.885 ng
RT: 9.57 min Scan# 1272
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	784272		
194	3.2		2.7	4.1
164	10.2		8.2	12.2

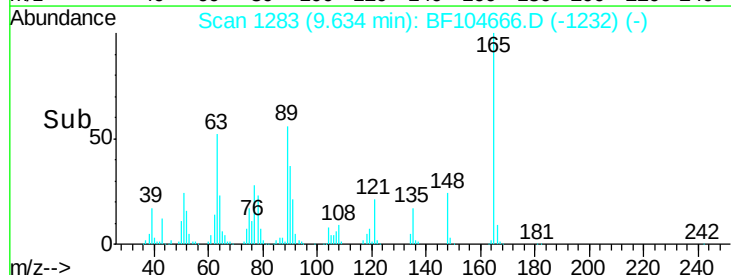
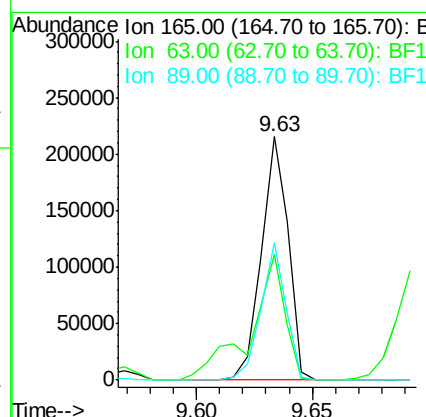
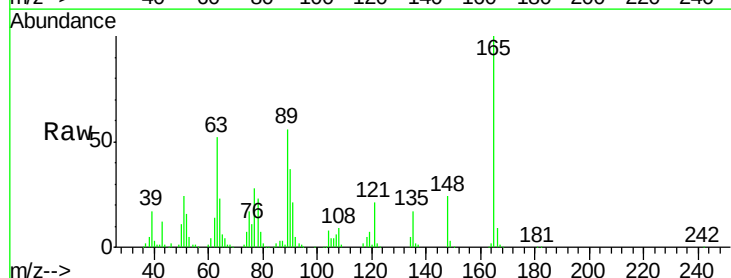
Manual Integrations
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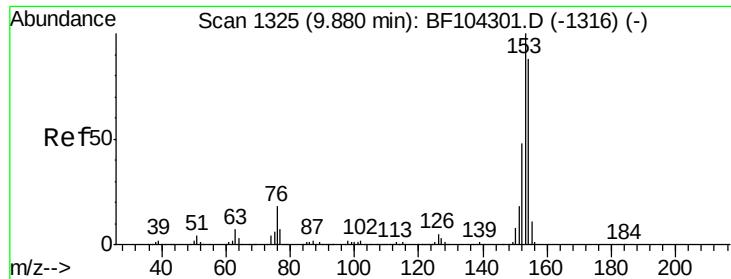
Sohil
4/23/2018 2:18:03 PM



#50
2,6-Dinitrotoluene
Concen: 47.786 ng
RT: 9.63 min Scan# 1283
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	173870		
63	51.6		44.7	67.1
89	56.3		44.0	66.0





#51

Acenaphthene

Concen: 36.784 ng

RT: 9.88 min Scan# 1325

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Instrument :

BNA_F

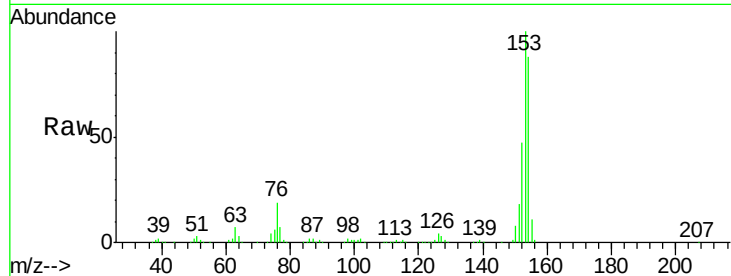
ClientSampleId :

SSTDCCC040

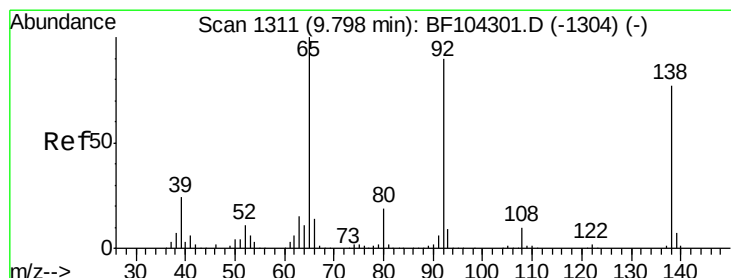
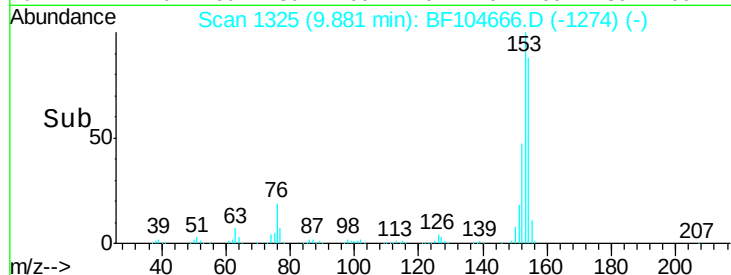
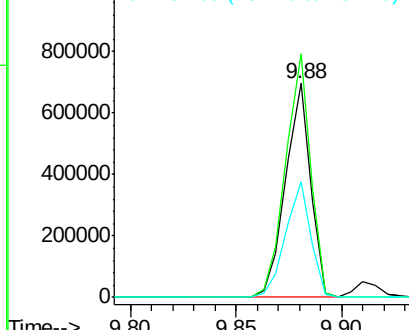
Tot Ion:	154	Resp:	582626
Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.2	136.8
152	53.8	43.8	65.8

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



#52

3-Nitroaniline

Concen: 48.081 ng

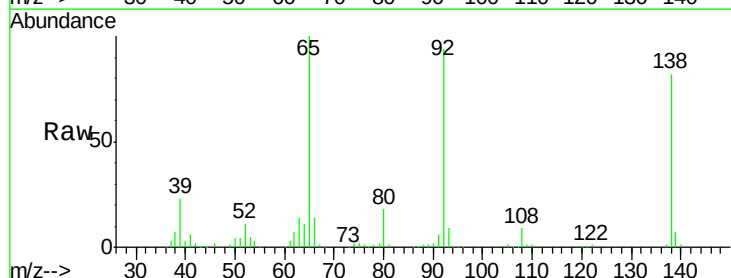
RT: 9.80 min Scan# 1312

Delta R.T. 0.00 min

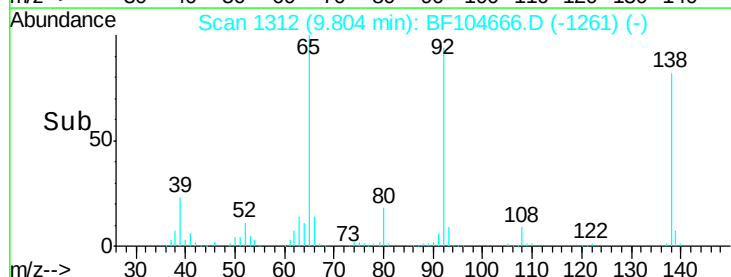
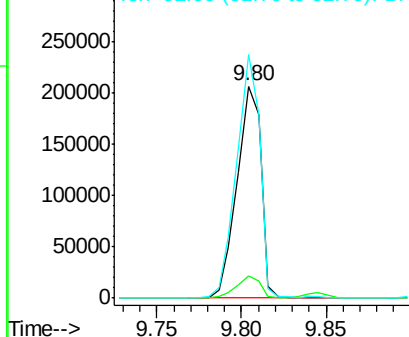
Lab File: BF104666.D

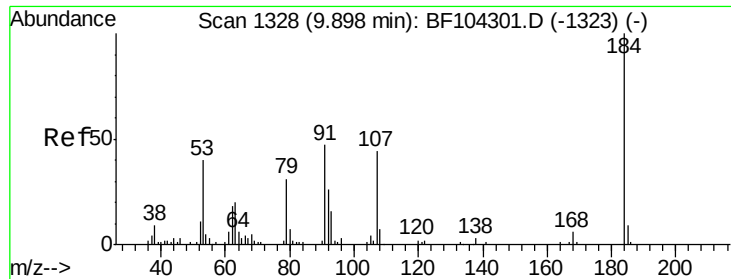
Acq: 20 Apr 2018 11:19

Tgt Ion:	138	Resp:	204807
Ion	Ratio	Lower	Upper
138	100		
108	10.6	9.4	14.0
92	115.0	89.4	134.2



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





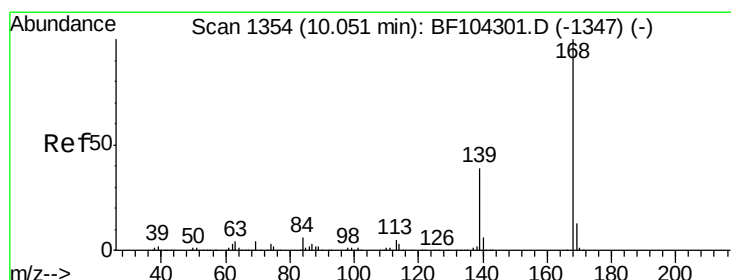
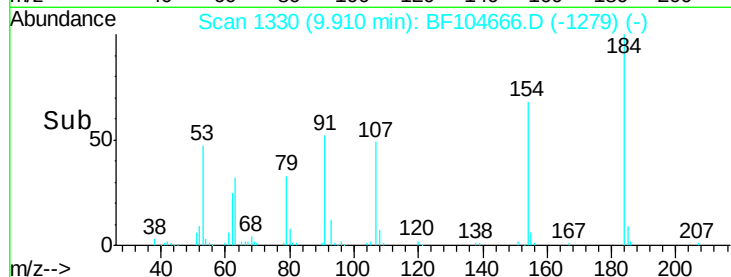
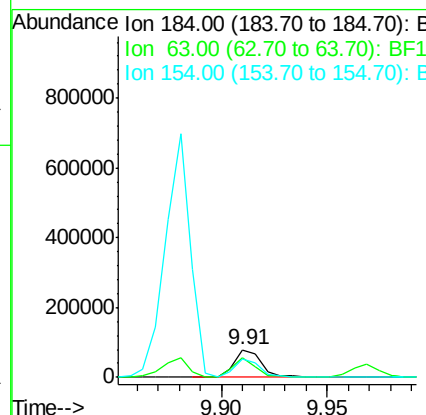
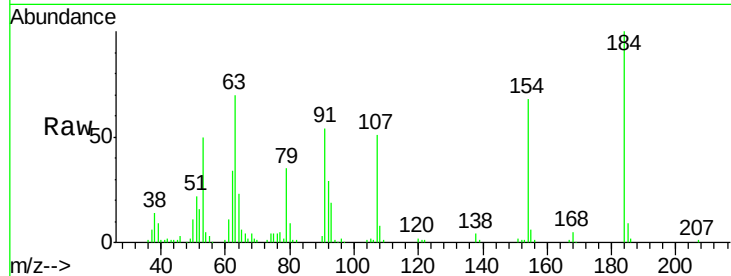
#53
2,4-Dinitrophenol
Concen: 55.773 ng
RT: 9.91 min Scan# 1330
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
184	100		
63	70.1	54.2	81.2
154	67.9	184.0	276.0#

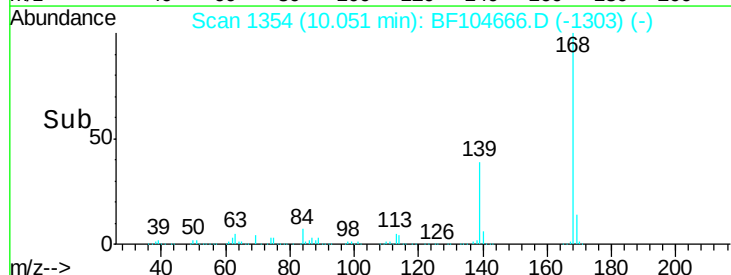
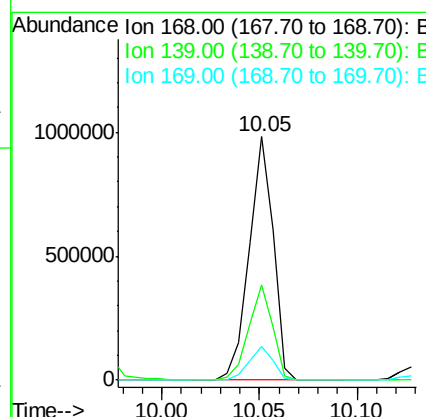
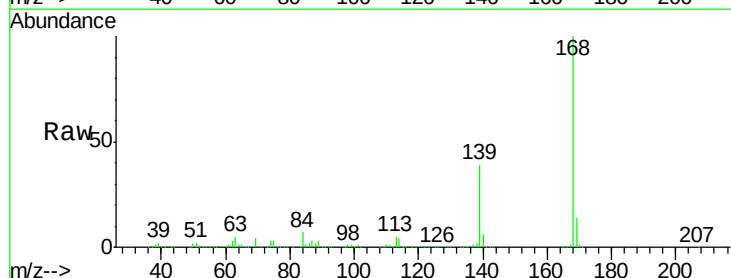
Manual Integrations
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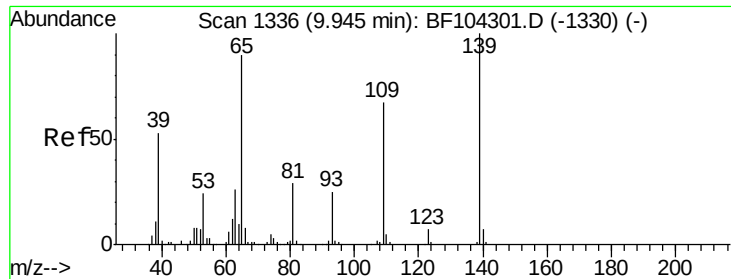
Sohil
4/23/2018 2:18:03 PM



#54
Dibenzofuran
Concen: 37.941 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
168	100		
139	39.0	30.1	45.1
169	13.6	10.9	16.3





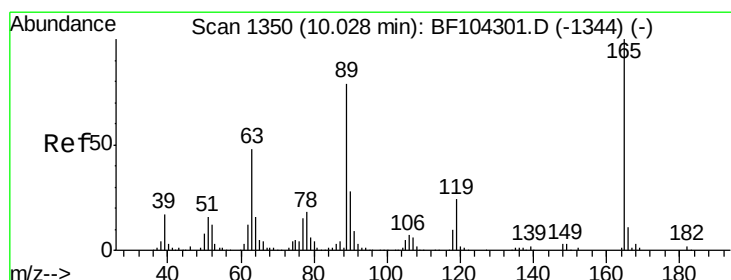
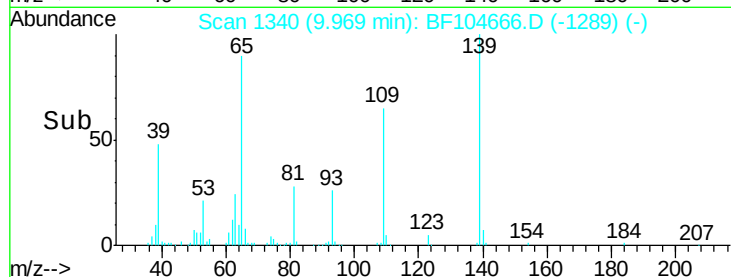
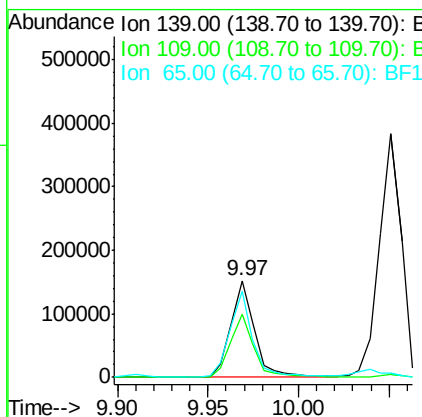
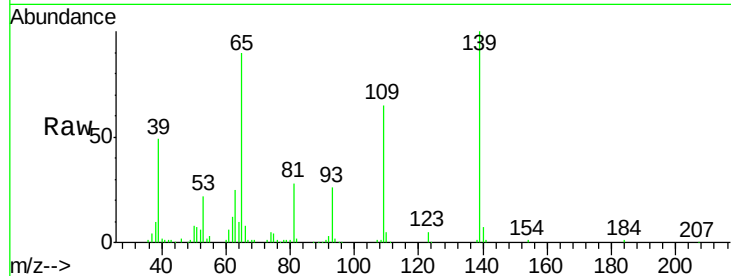
#55
4-Nitrophenol
Concen: 42.157 ng
RT: 9.97 min Scan# 1340
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
139	100	141059		
109	65.5	48.4	88.4	
65	89.7	72.6	112.6	

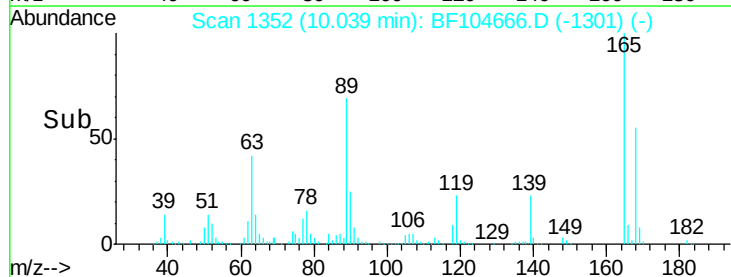
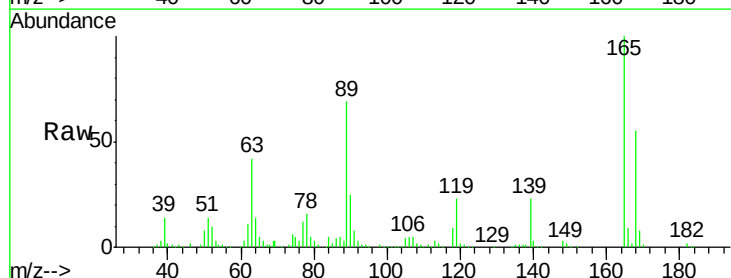
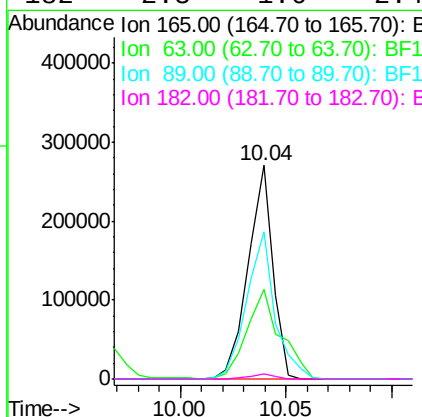
Manual Integrations
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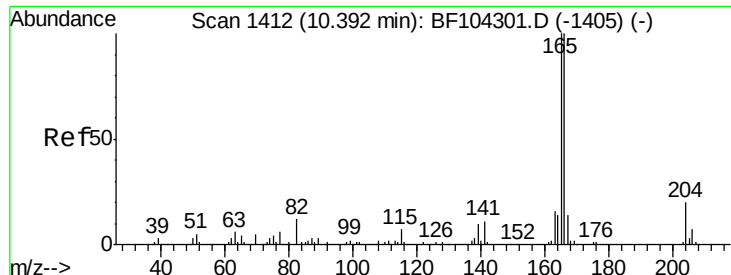
Sohil
4/23/2018 2:18:03 PM



#56
2,4-Dinitrotoluene
Concen: 46.315 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	221047		
63	41.9	36.4	54.6	
89	68.8	57.8	86.6	
182	2.3	1.6	2.4	





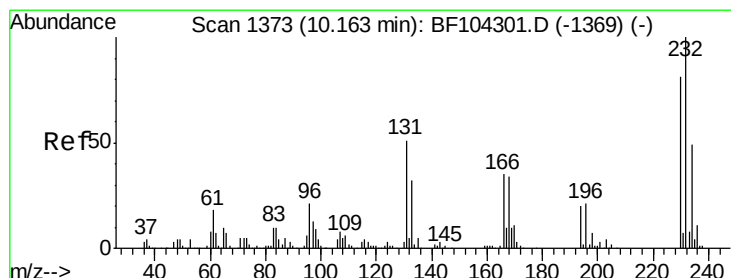
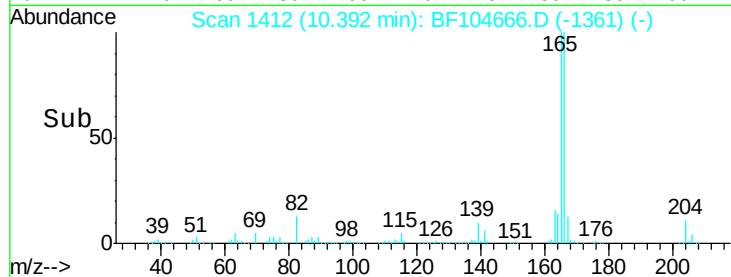
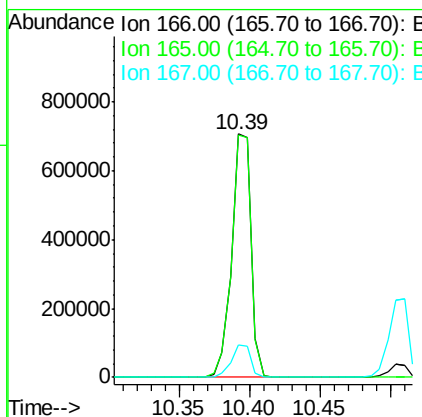
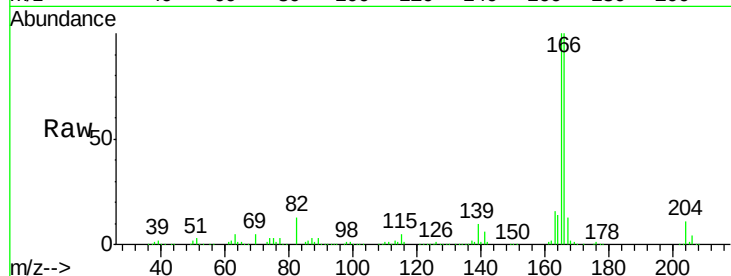
#57
 Fluorene
 Concen: 41.674 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100	669558		
165	99.7	79.8	119.8	
167	13.4	10.6	16.0	

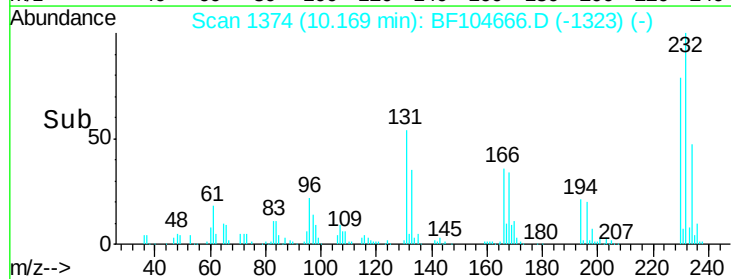
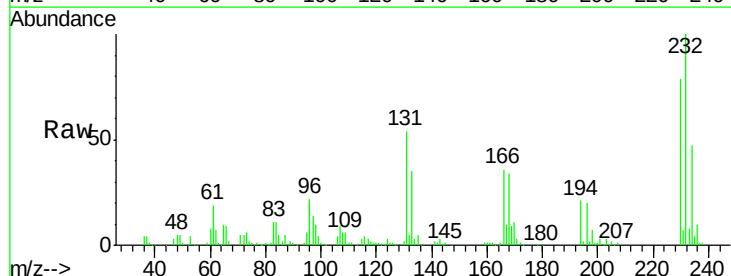
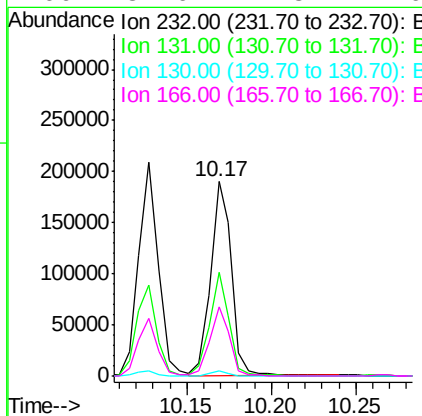
Manual Integrations
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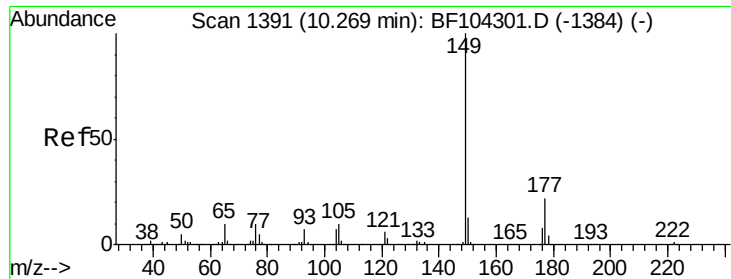
Sohil
 4/23/2018 2:18:03 PM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.658 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	164055		
131	49.8	43.8	65.8	
130	2.3	2.1	3.1	
166	34.6	27.8	41.6	





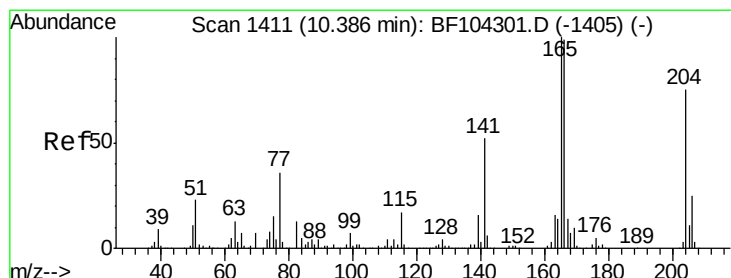
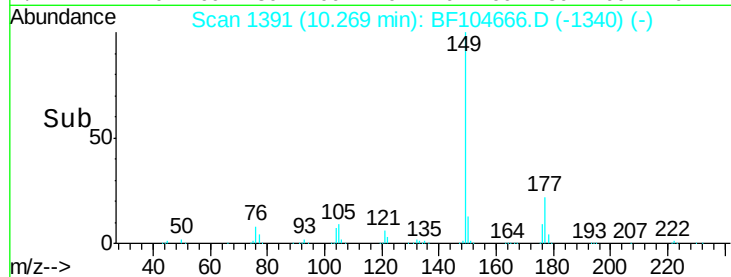
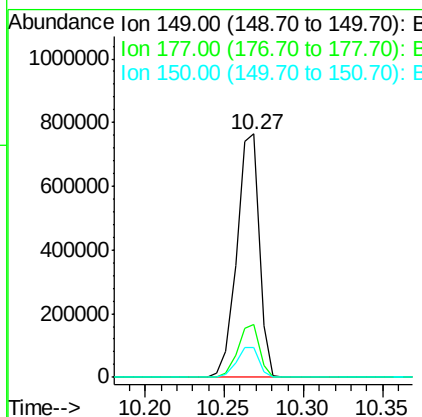
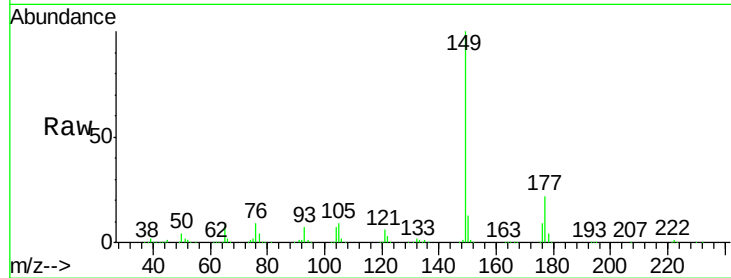
#59
Diethylphthalate
Concen: 38.261 ng
RT: 10.27 min Scan# 1391
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.5	10.1	15.1

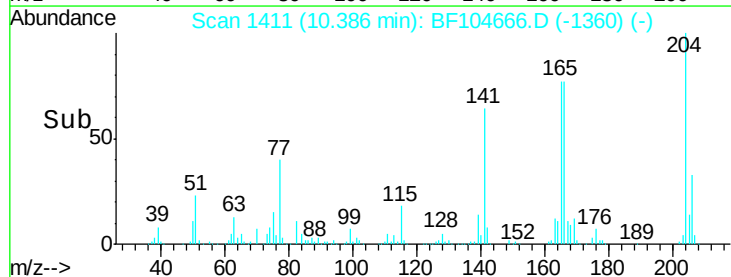
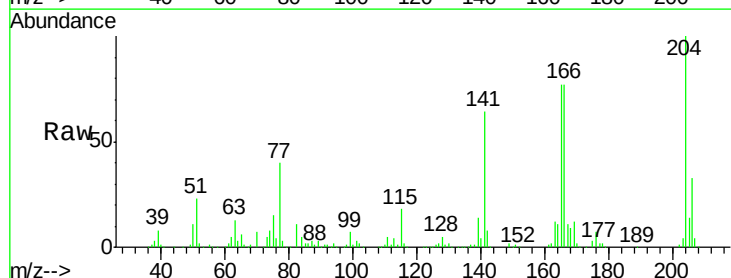
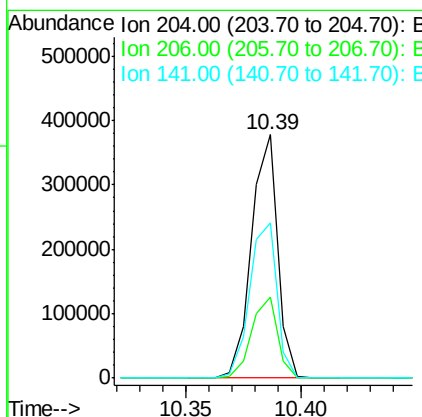
Manual Integrations
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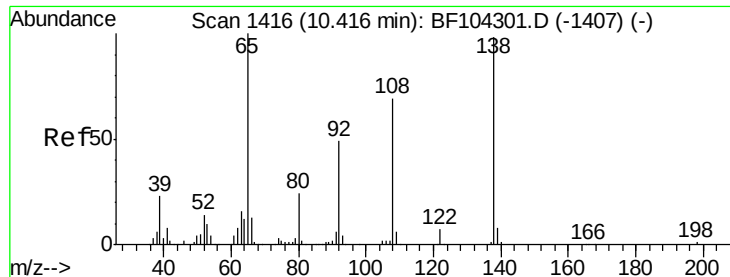
Sohil
4/23/2018 2:18:03 PM



#60
4-Chlorophenyl-phenylether
Concen: 42.040 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.5	39.7
141	63.6	54.6	81.8





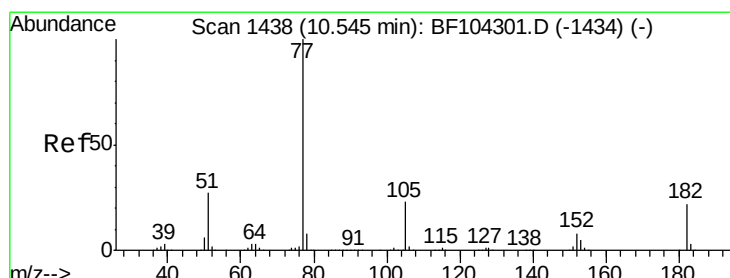
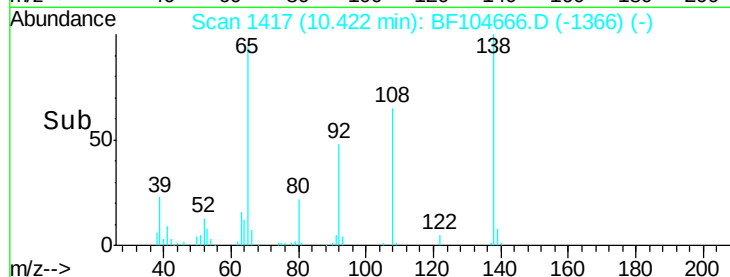
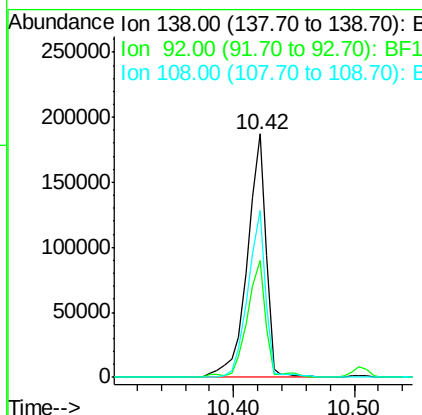
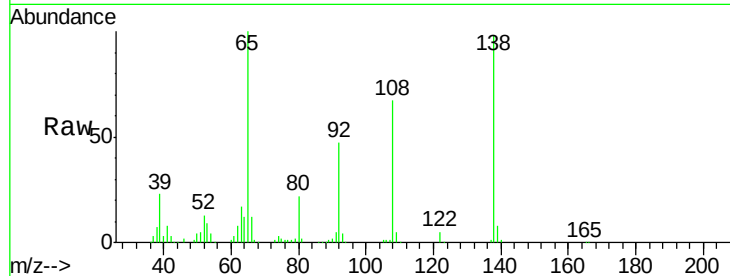
#61
4-Nitroaniline
Concen: 49.085 ng
RT: 10.42 min Scan# 1417
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
138	100		
92	48.1	30.2	70.2
108	68.3	52.5	92.5

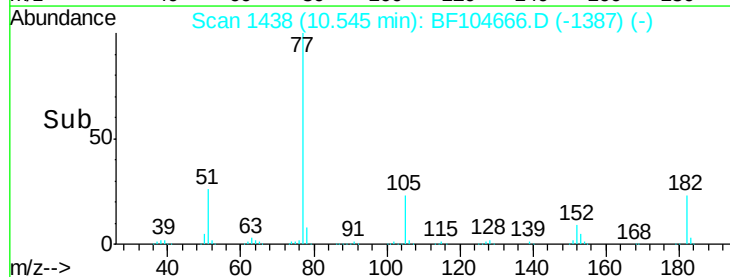
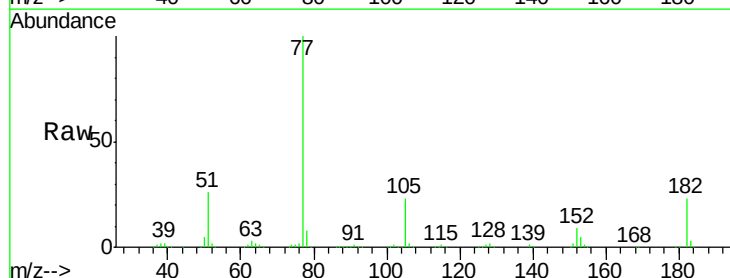
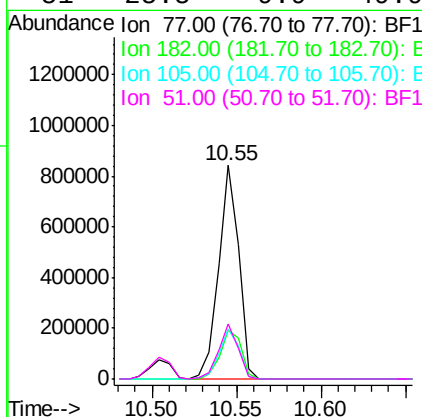
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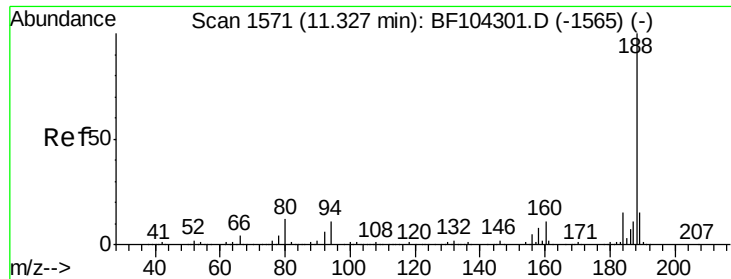
Sohil
4/23/2018 2:18:03 PM



#62
Azobenzene
Concen: 37.617 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
77	100		
182	23.0	1.7	41.7
105	23.5	3.0	43.0
51	25.5	9.9	49.9





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Instrument :

BNA_F

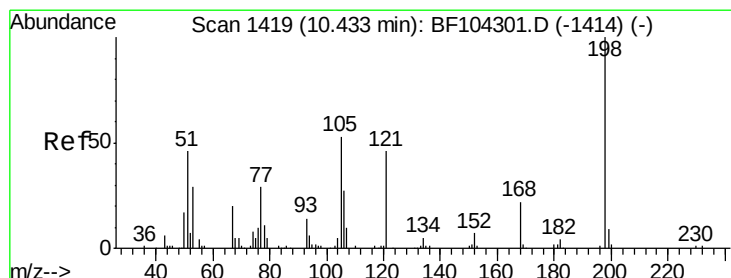
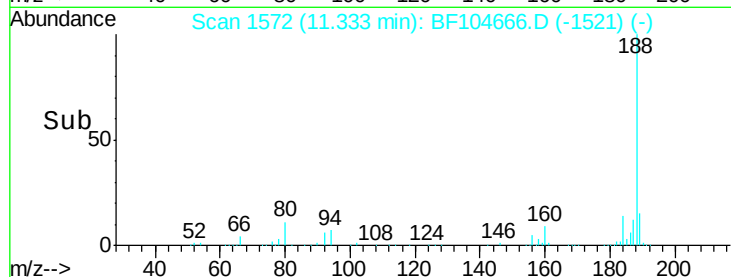
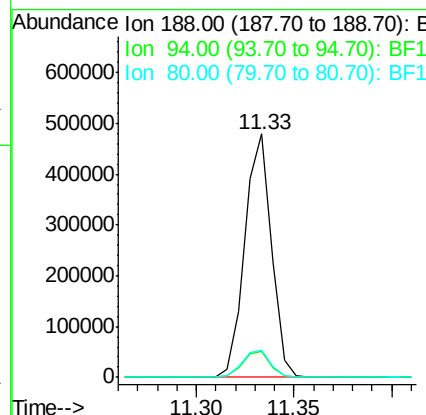
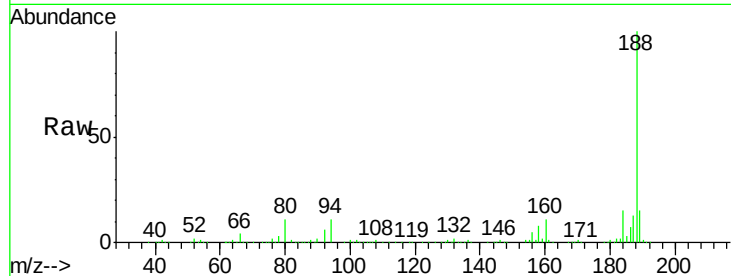
ClientSampleId :

SSTDCCC040

Tot Ion:	188	Resp:	453535
Ion Ratio		Lower	Upper
188	100		
94	10.8	8.5	12.7
80	11.4	9.2	13.8

Manual Integrations
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4/23/2018 2:18:03 PM



#64

4,6-Dinitro-2-methylphenol

Concen: 53.263 ng

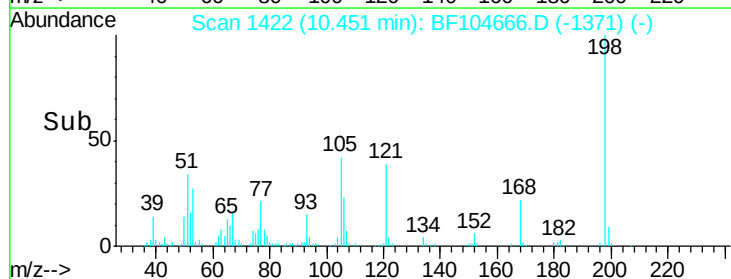
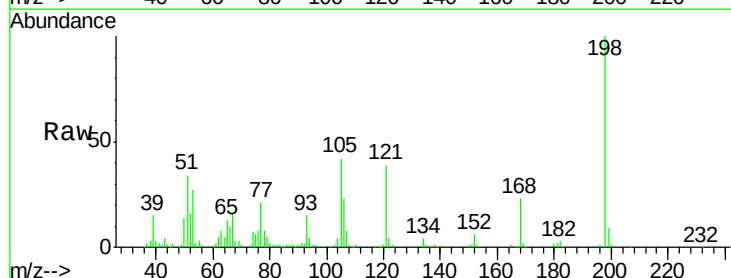
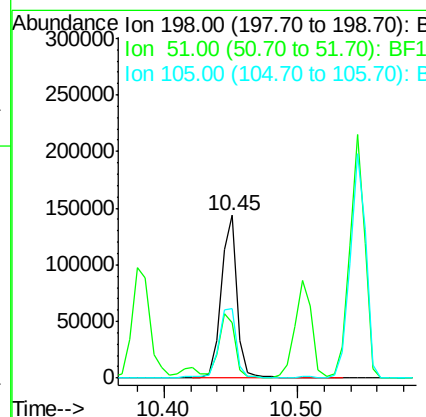
RT: 10.45 min Scan# 1422

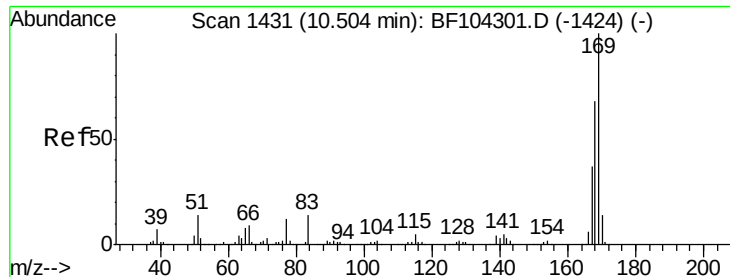
Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Tgt Ion:	198	Resp:	119749
Ion Ratio		Lower	Upper
198	100		
51	34.1	37.7	77.7#
105	42.5	36.3	76.3





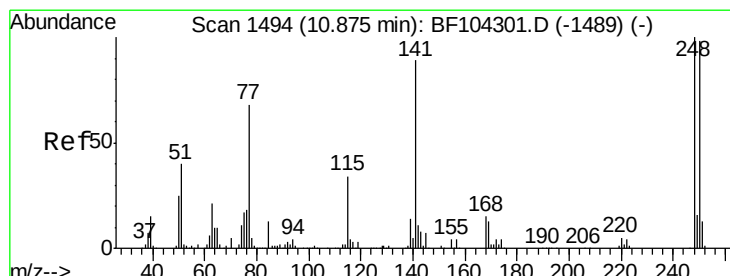
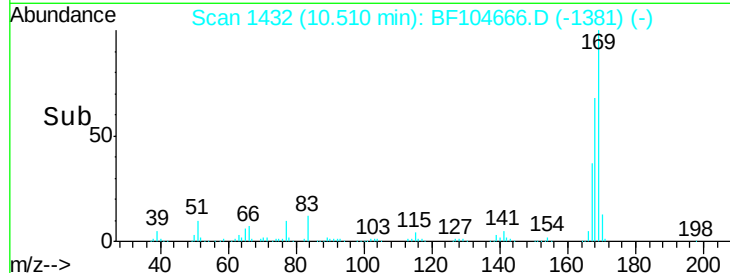
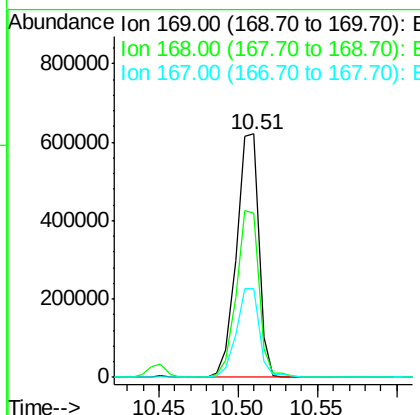
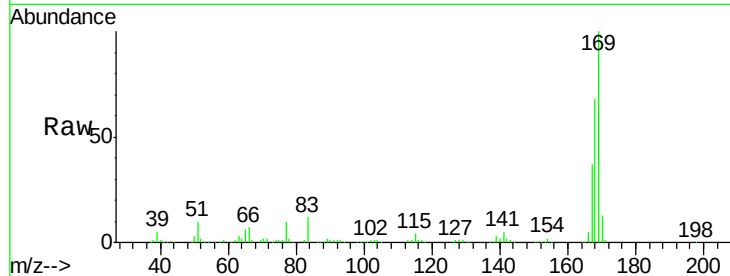
#65
 n-Nitrosodiphenylamine
 Concen: 38.877 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	611353		
168	67.7	54.4	81.6	
167	36.5	29.8	44.6	

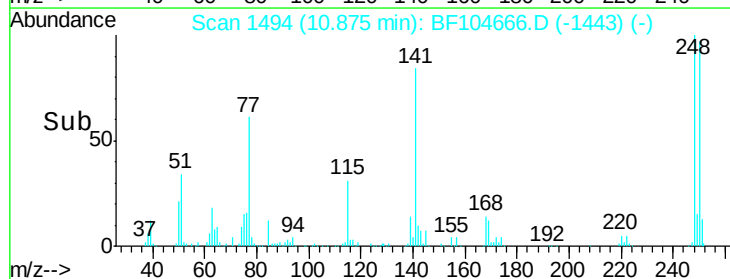
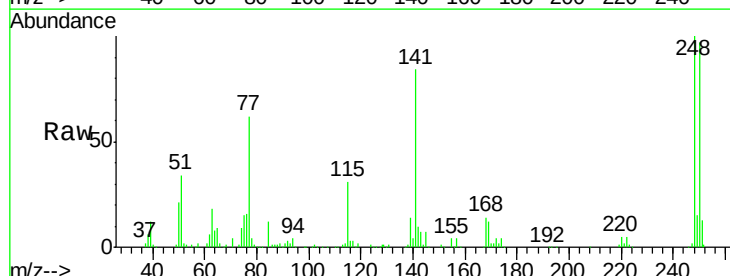
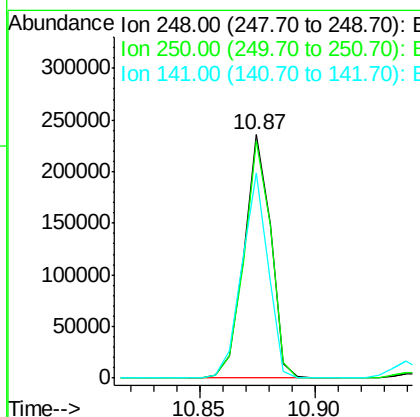
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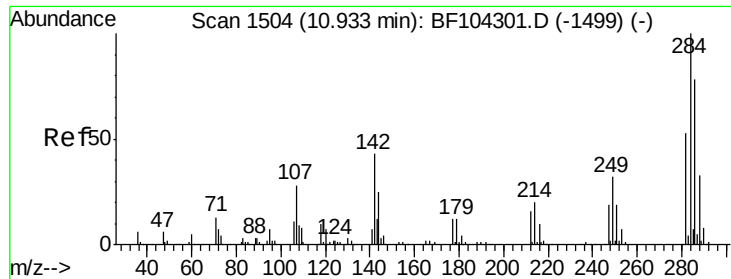
Sohil
 4/23/2018 2:18:03 PM



#66
 4-Bromophenyl-phenylether
 Concen: 39.665 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	191352		
250	97.2	76.9	115.3	
141	84.3	74.4	111.6	





#67

Hexachlorobenzene

Concen: 40.262 ng

RT: 10.94 min Scan# 1505

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Instrument :

BNA_F

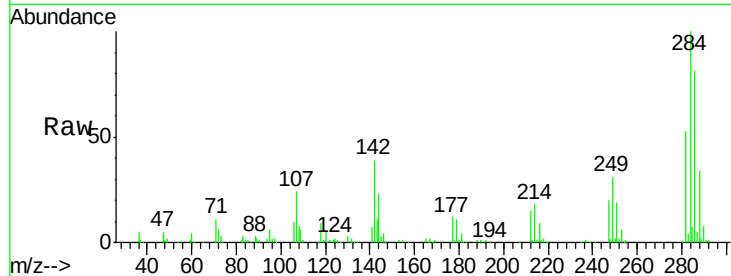
ClientSampleId :

SSTDCCC040

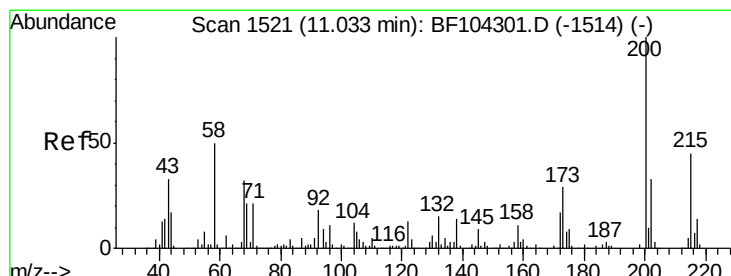
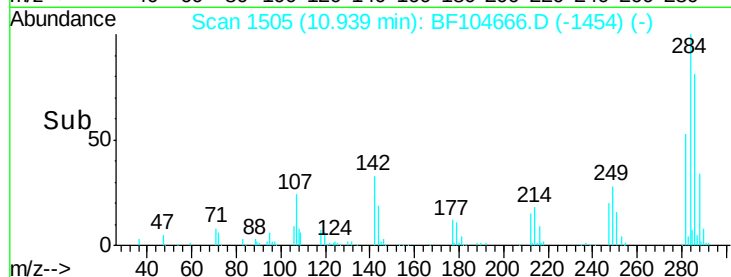
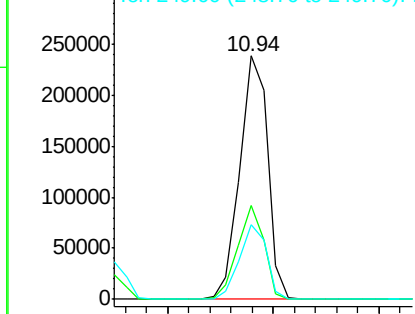
Tot Ion:	284	Resp:	218549
Ion Ratio		Lower	Upper
284	100		
142	38.6	34.6	52.0
249	30.6	24.8	37.2

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



#68

Atrazine

Concen: 39.053 ng

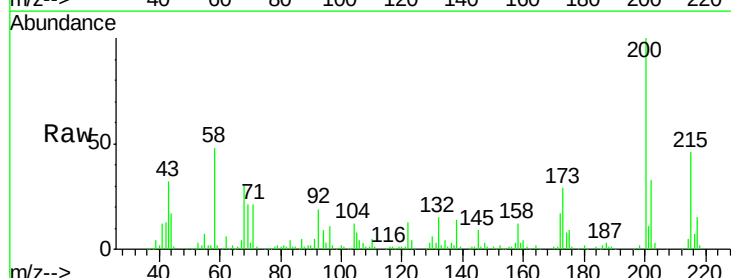
RT: 11.03 min Scan# 1521

Delta R.T. 0.00 min

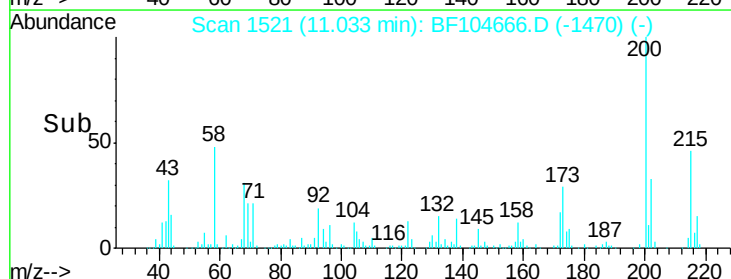
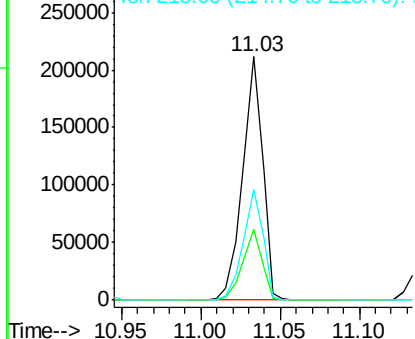
Lab File: BF104666.D

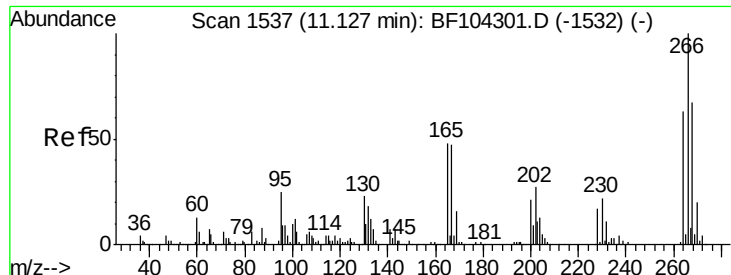
Acq: 20 Apr 2018 11:19

Tgt Ion:	200	Resp:	185370
Ion Ratio		Lower	Upper
200	100		
173	29.0	8.6	48.6
215	45.5	25.1	65.1



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





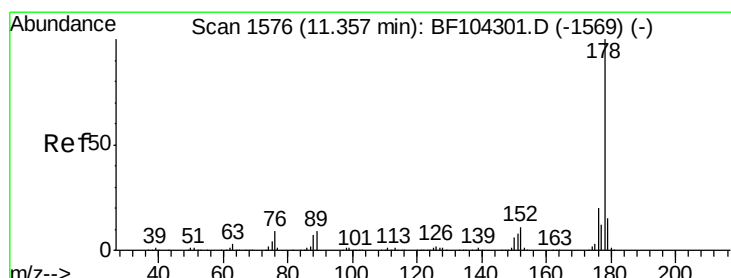
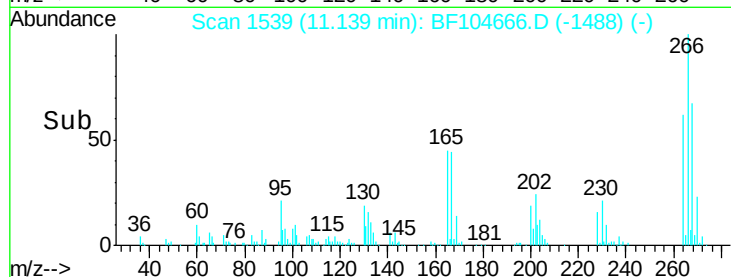
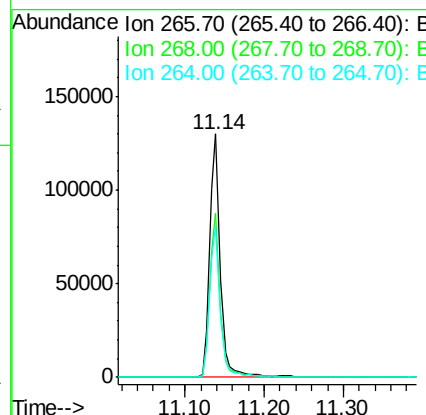
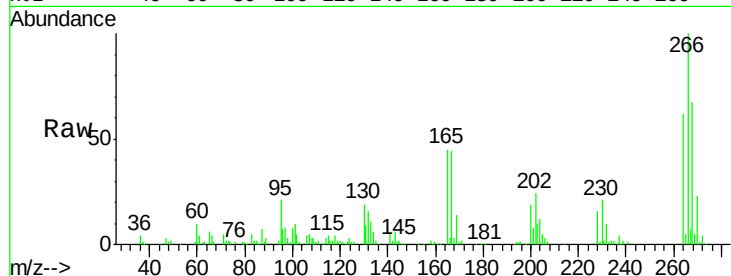
#69
 Pentachlorophenol
 Concen: 36.903 ng
 RT: 11.14 min Scan# 1539
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100	123926		
268	67.3	51.1	76.7	
264	62.1	49.5	74.3	

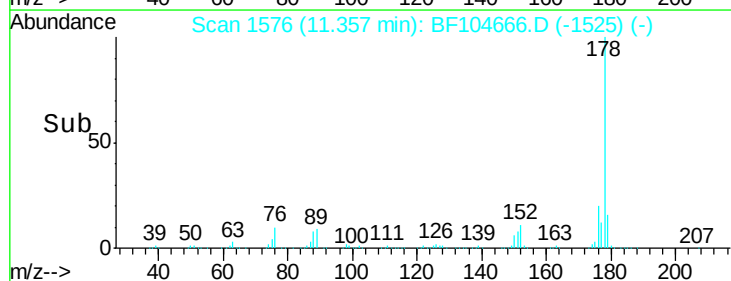
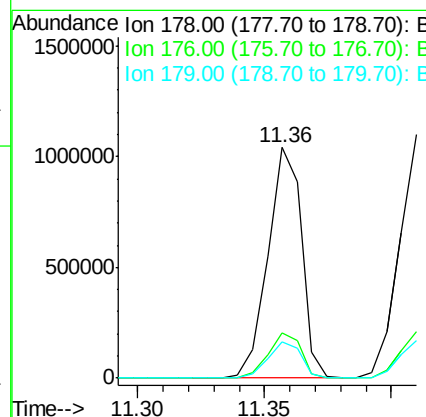
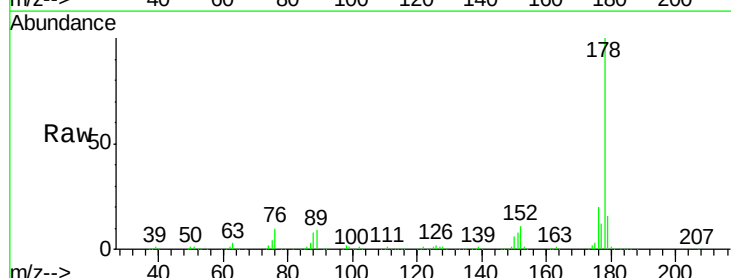
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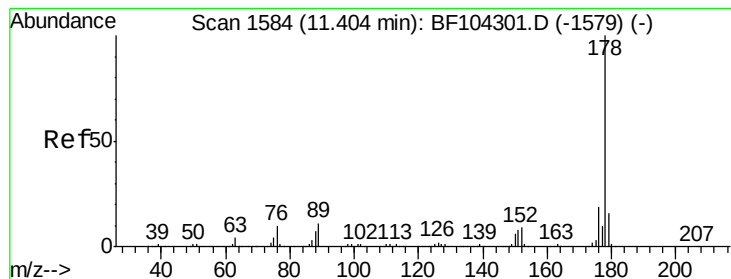
Sohil
 4/23/2018 2:18:03 PM



#70
 Phenanthrene
 Concen: 38.386 ng
 RT: 11.36 min Scan# 1576
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	969530		
176	19.6	15.8	23.8	
179	15.8	13.0	19.6	





#71

Anthracene

Concen: 38.636 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Instrument :

BNA_F

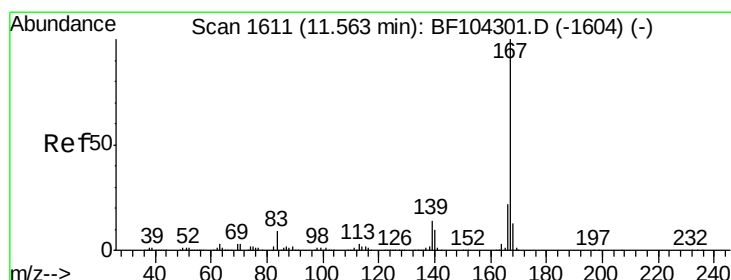
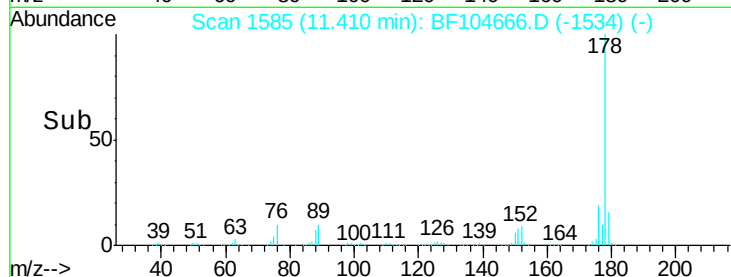
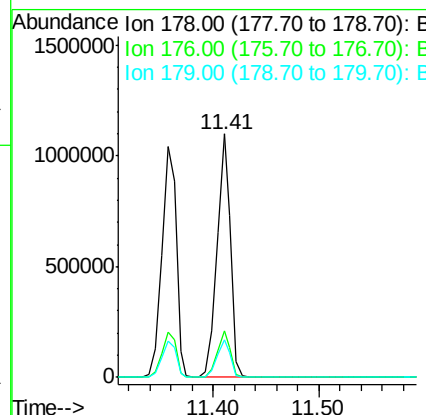
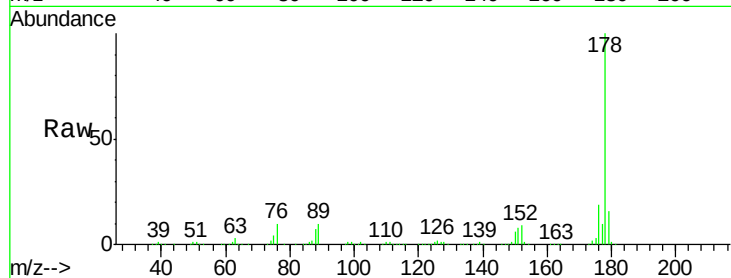
ClientSampleId :

SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100				
176	19.1	15.4	23.2		
179	15.6	12.6	19.0		

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#72

Carbazole

Concen: 37.752 ng

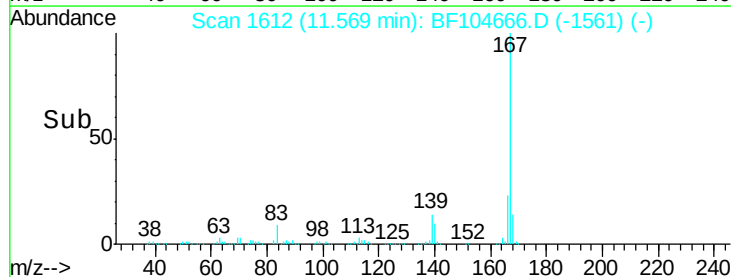
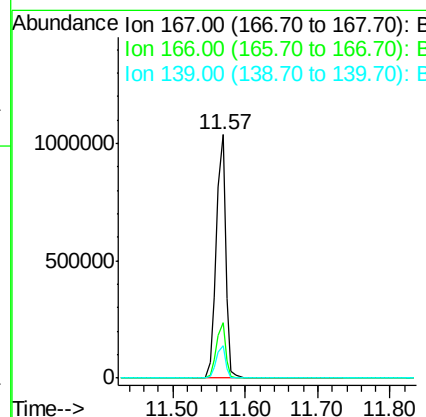
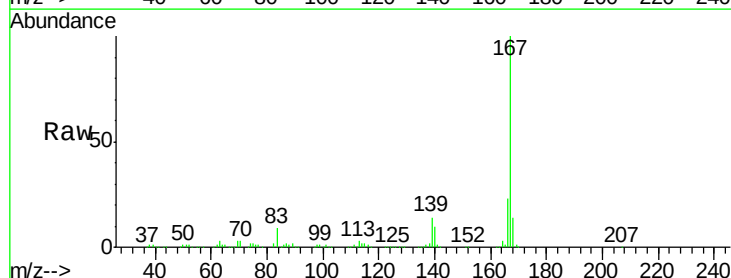
RT: 11.57 min Scan# 1612

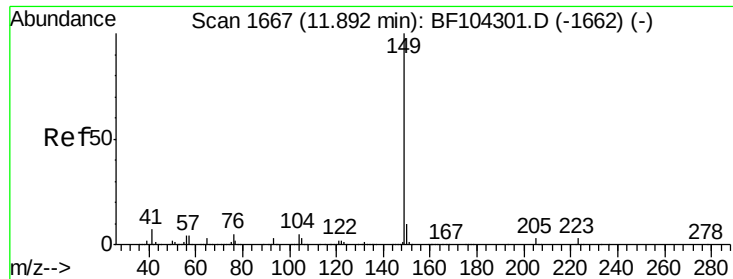
Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
167	100				
166	22.5	17.6	26.4		
139	13.6	10.9	16.3		





#73

Di-n-butylphthalate

Concen: 37.041 ng

RT: 11.89 min Scan# 1667

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:149 Resp: 1135167

Ion Ratio Lower Upper

149 100

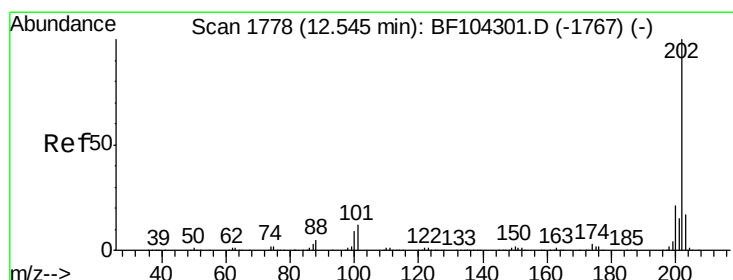
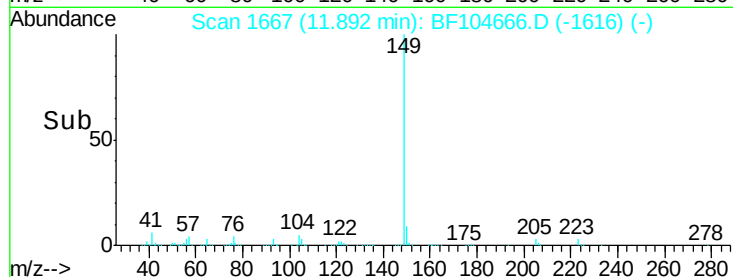
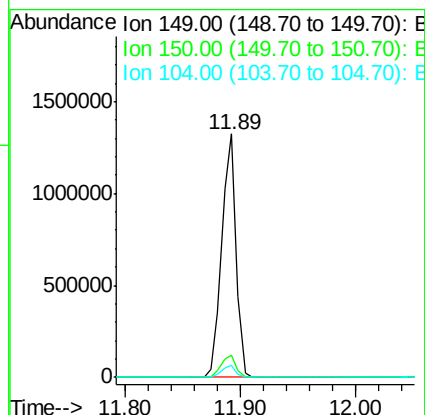
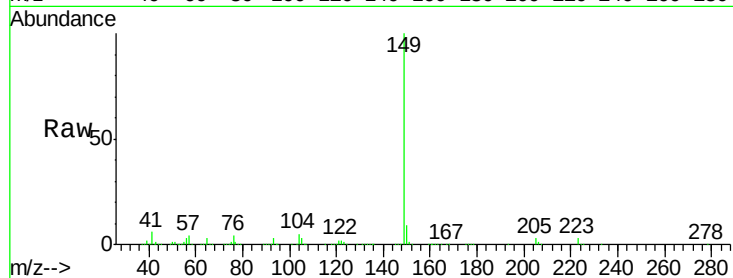
150 9.3 7.8 11.6

104 4.7 3.8 5.8

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#74

Fluoranthene

Concen: 37.017 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

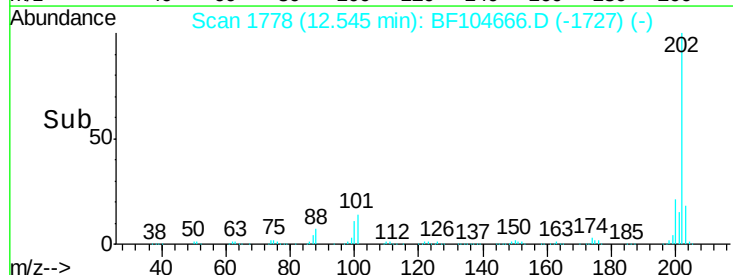
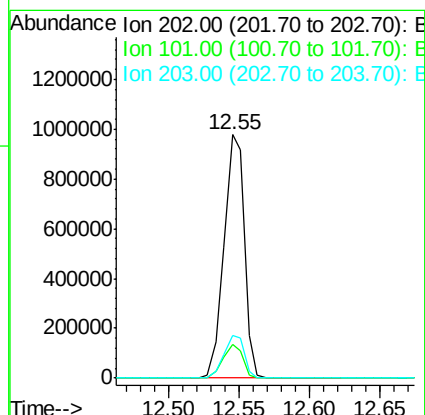
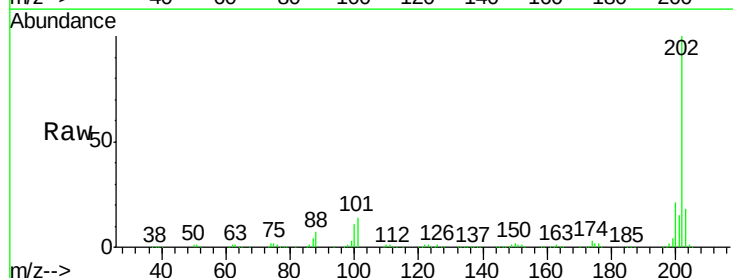
Tgt Ion:202 Resp: 976820

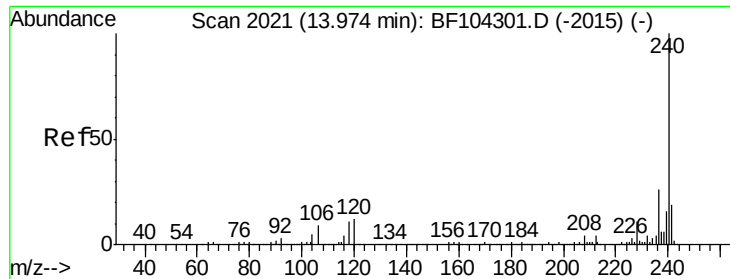
Ion Ratio Lower Upper

202 100

101 14.1 0.0 34.1

203 17.8 0.0 38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Instrument :

BNA_F

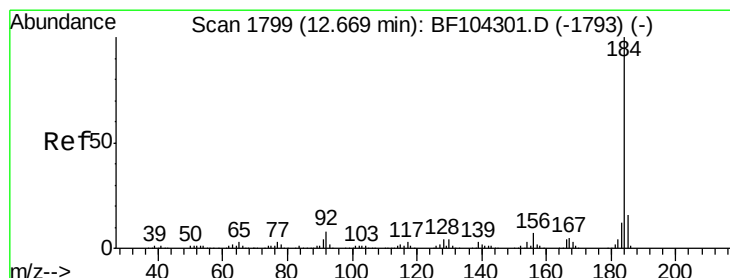
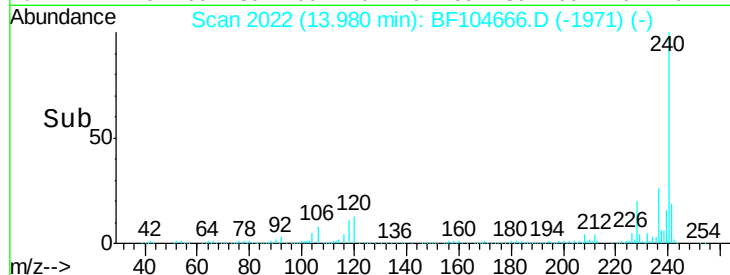
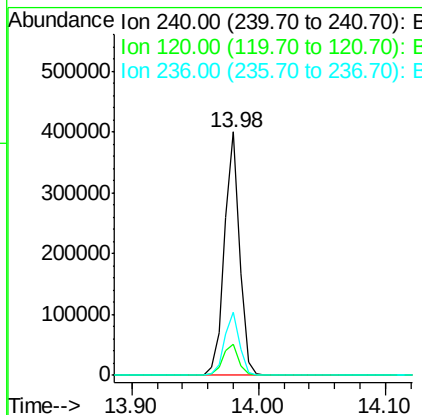
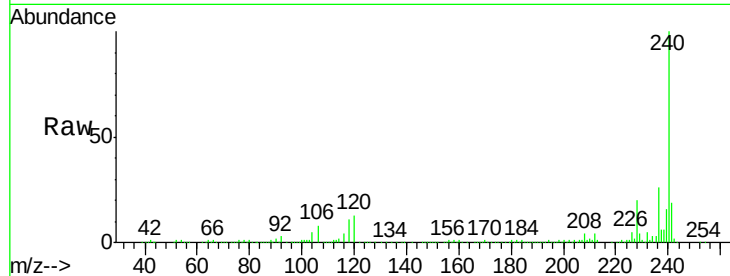
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	332290
Ion Ratio		Lower	Upper
240	100		
120	12.6	9.5	14.3
236	26.0	20.7	31.1

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#76

Benzidine

Concen: 43.838 ng

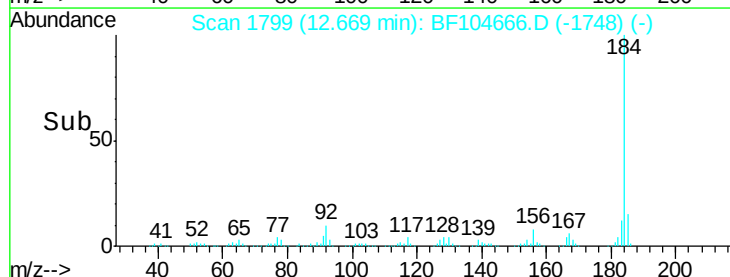
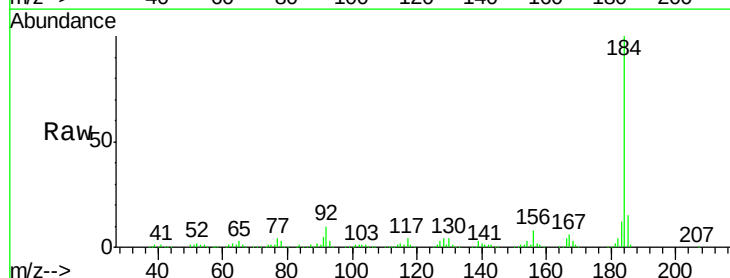
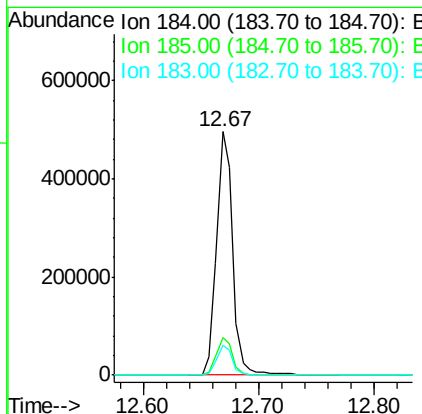
RT: 12.67 min Scan# 1799

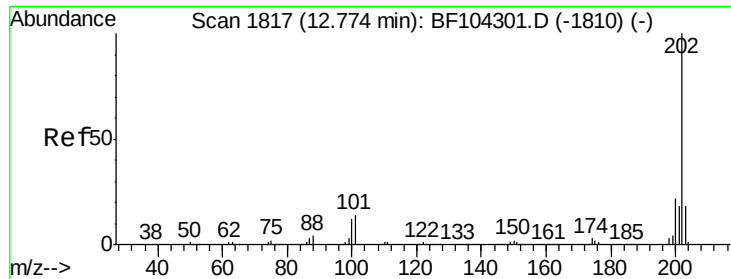
Delta R.T. 0.00 min

Lab File: BF104666.D

Acq: 20 Apr 2018 11:19

Tgt Ion:	184	Resp:	480803
Ion Ratio		Lower	Upper
184	100		
185	15.4	12.6	18.8
183	12.0	9.3	13.9





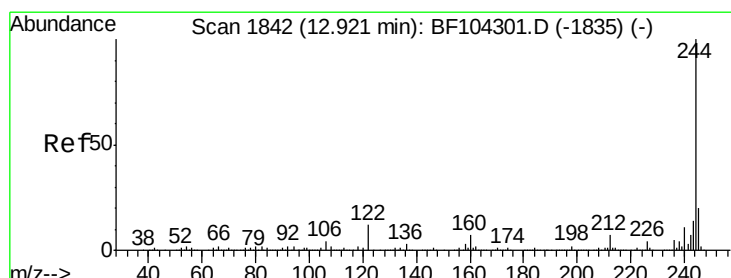
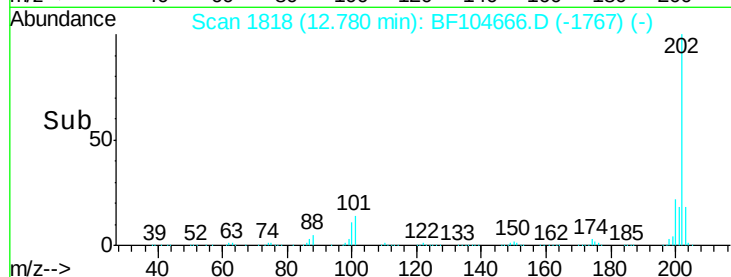
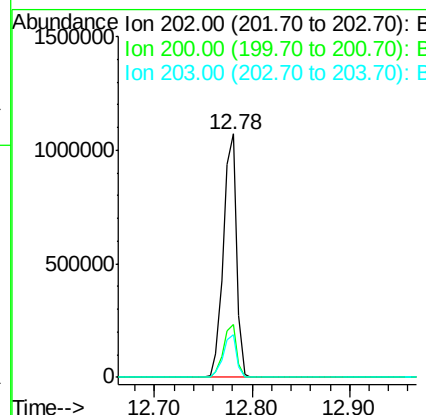
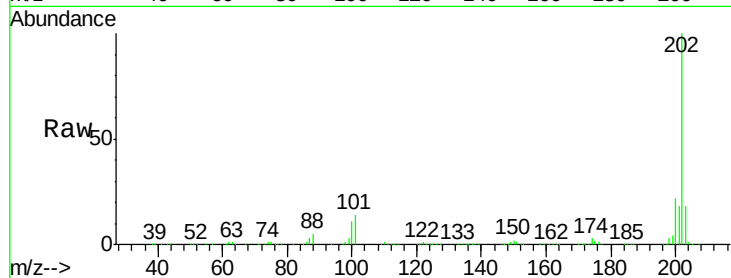
#77
Pvrene
Concen: 40.790 ng
RT: 12.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.7	17.4	26.2
203	17.7	14.3	21.5

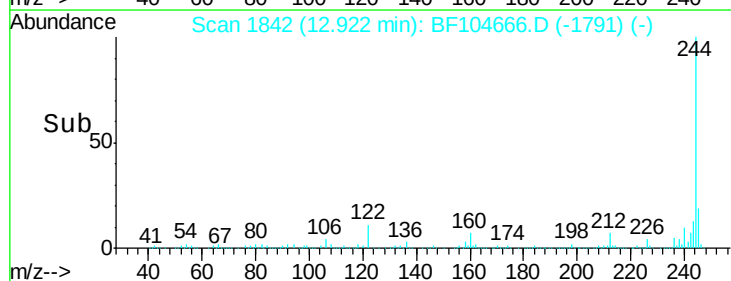
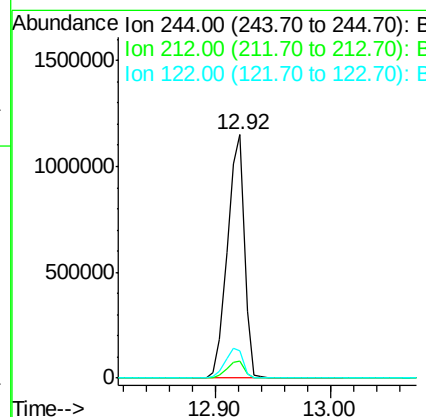
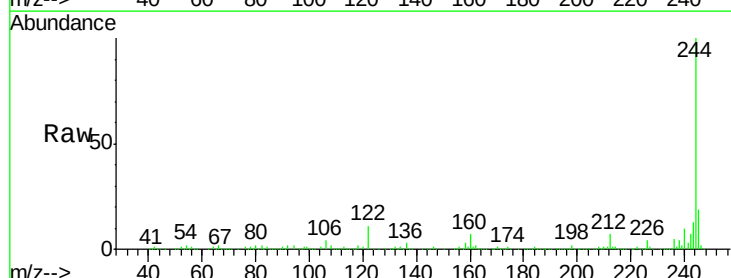
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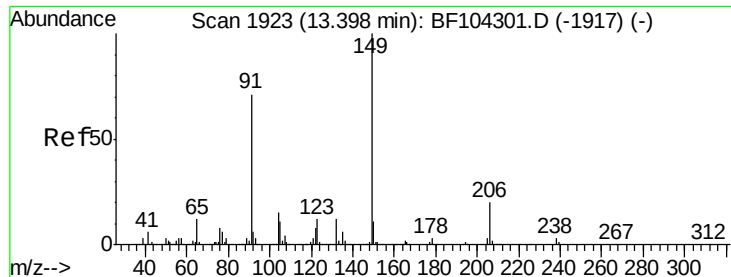
Sohil
4/23/2018 2:18:03 PM



#78
Terphenyl-d14
Concen: 80.383 ng
RT: 12.92 min Scan# 1842
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	11.4	11.0	16.4





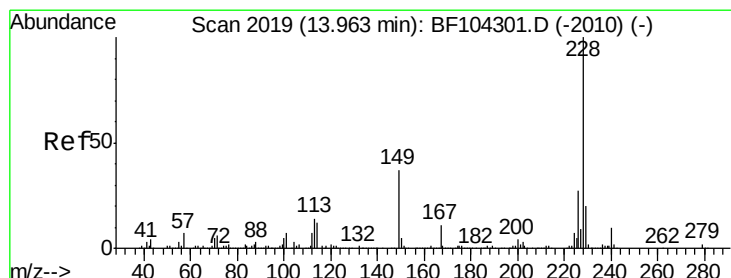
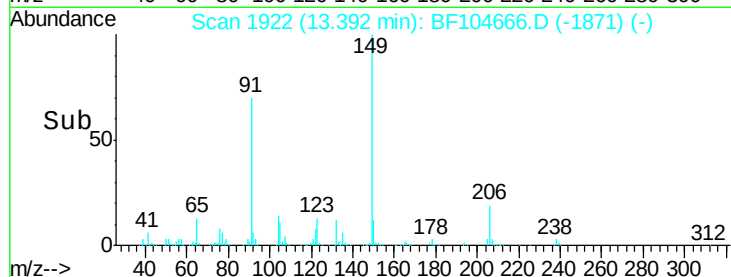
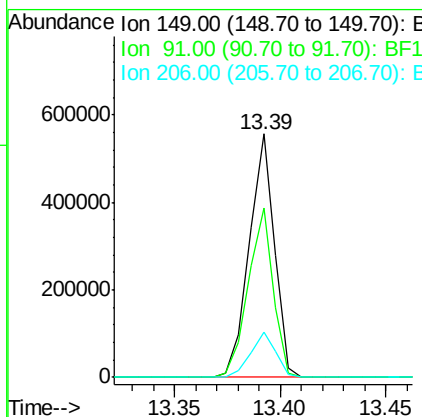
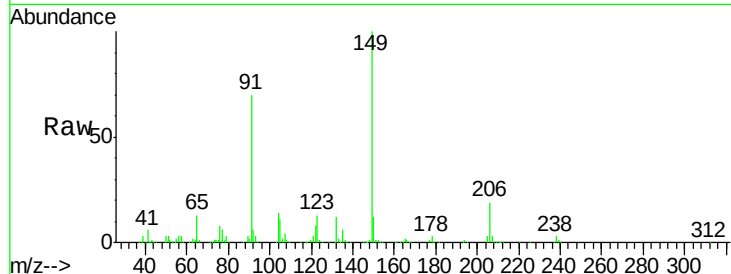
#79
Butylbenzylphthalate
Concen: 39.889 ng
RT: 13.39 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
149	100		
91	69.7	56.8	85.2
206	18.7	14.1	21.1

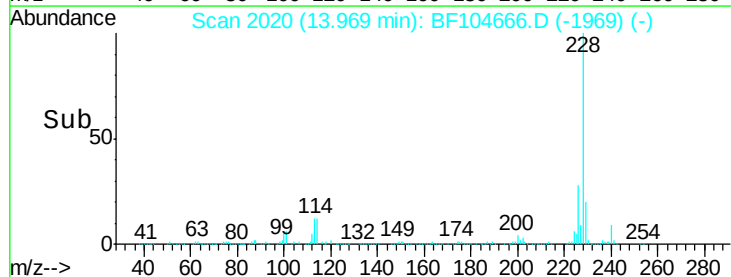
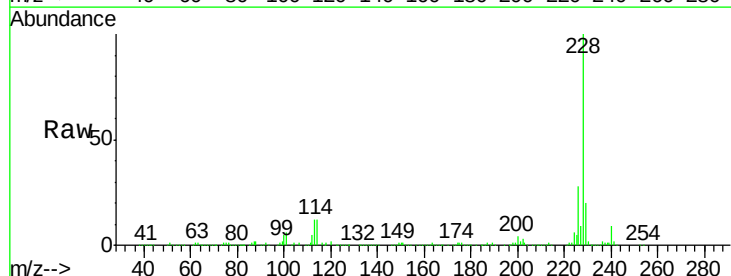
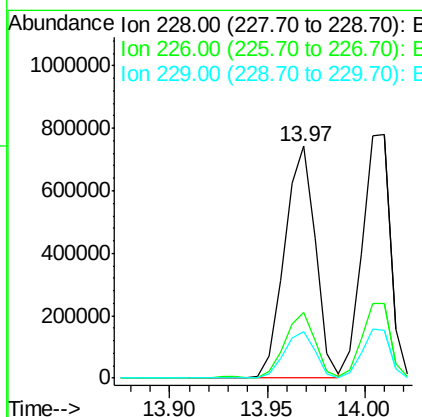
Manual Integrations
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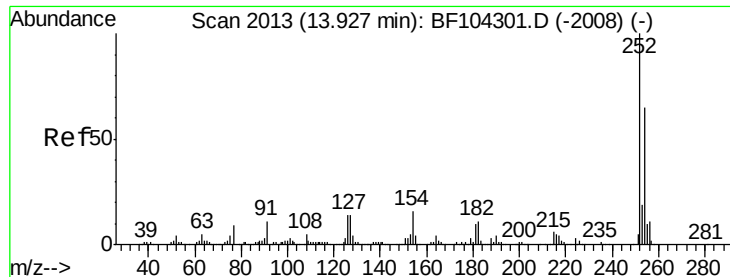
Sohil
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#80
Benzo(a)anthracene
Concen: 41.038 ng
RT: 13.97 min Scan# 2020
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.6	33.8
229	20.2	15.8	23.6





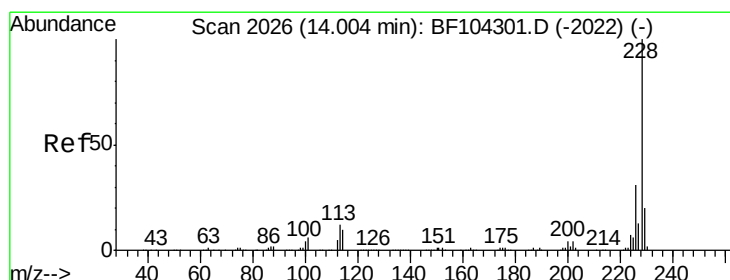
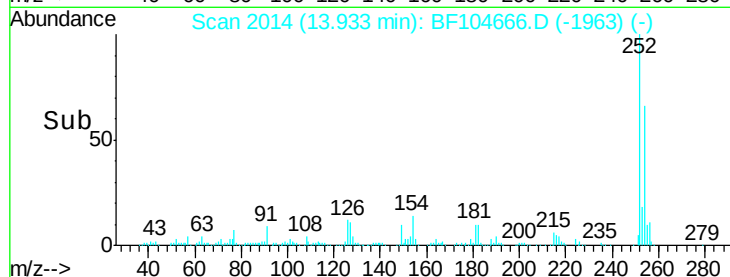
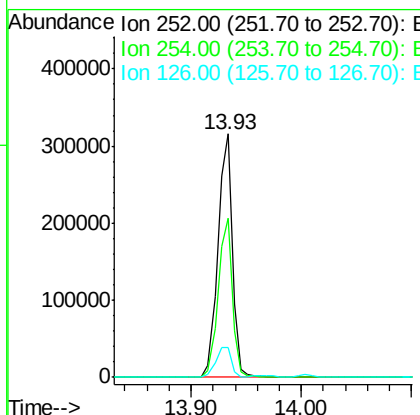
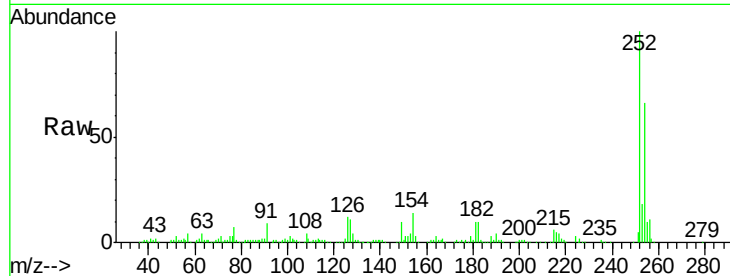
#81
 3,3'-Dichlorobenzidine
 Concen: 38.930 ng
 RT: 13.93 min Scan# 2014
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	288148		
254	65.5	50.4	75.6	
126	12.5	11.3	16.9	

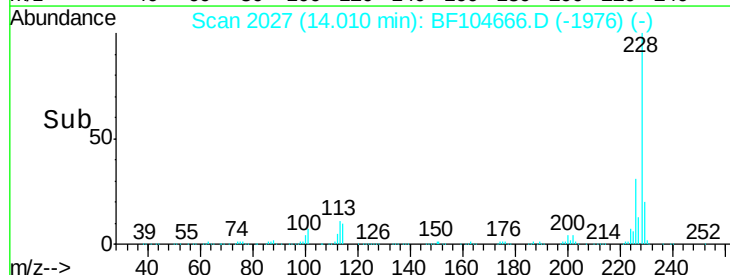
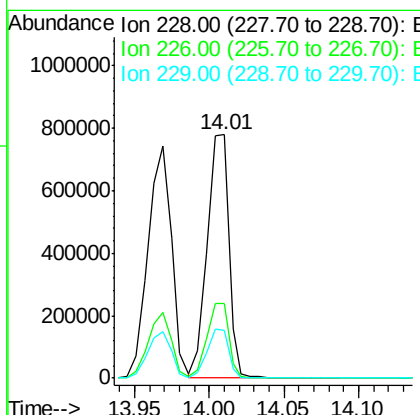
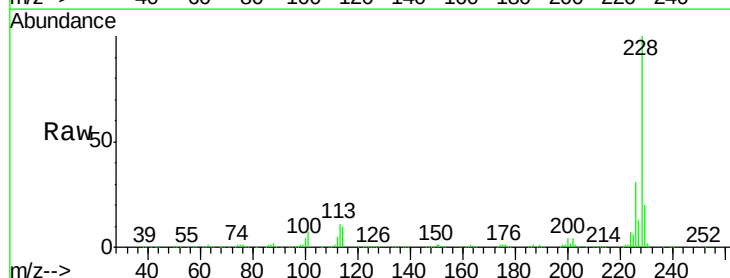
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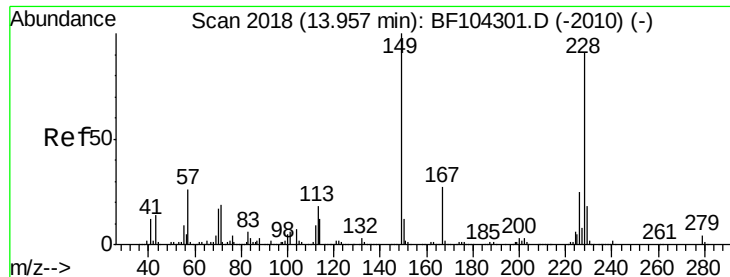
Sohil
 4/23/2018 2:18:03 PM



#82
 Chrysene
 Concen: 38.517 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	785380		
226	30.6	25.0	37.6	
229	19.6	16.2	24.4	





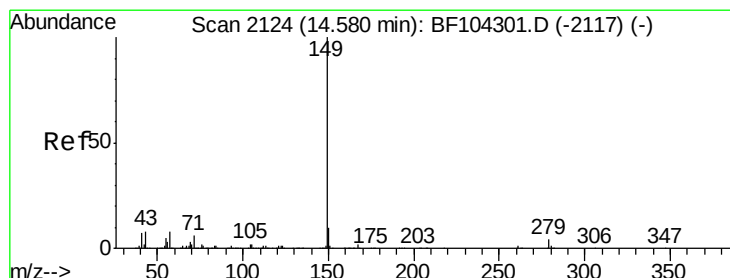
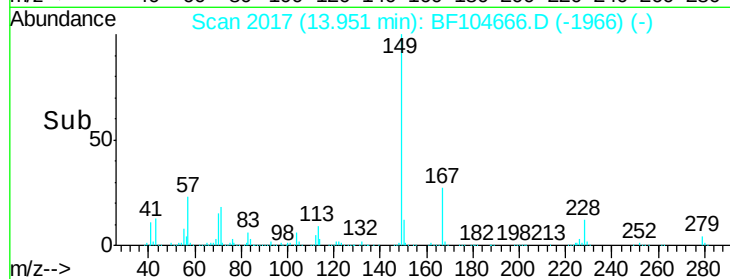
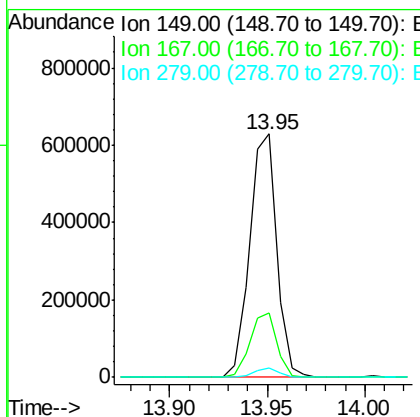
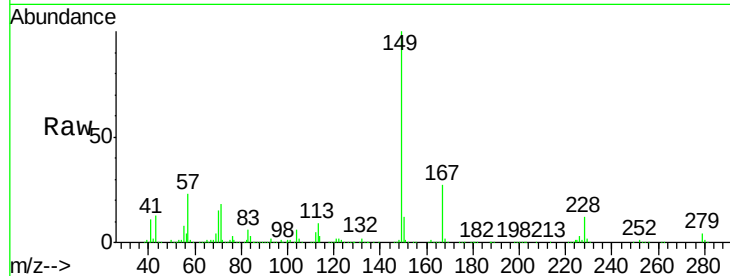
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 40.503 ng
 RT: 13.95 min Scan# 2017
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	604515		
167	26.7	21.3	31.9	
279	3.7	3.0	4.4	

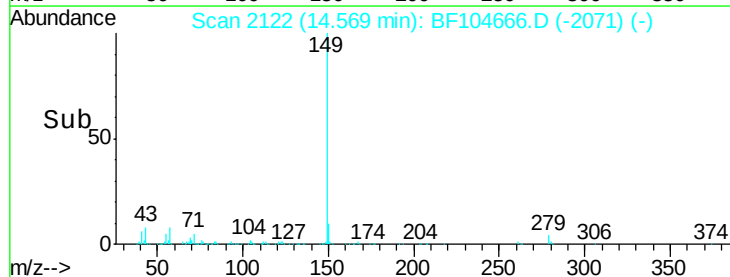
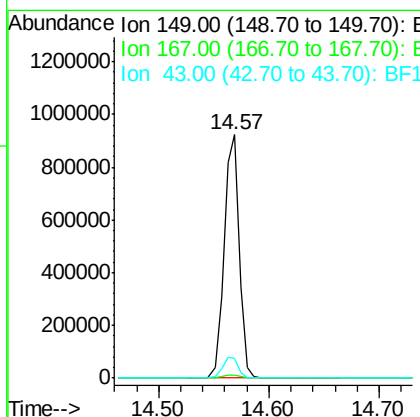
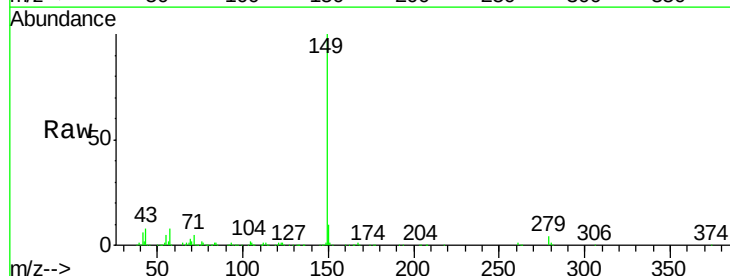
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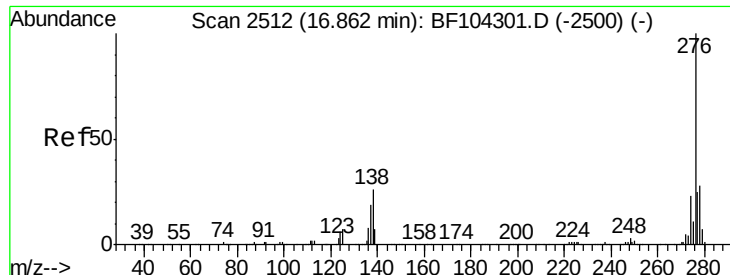
Sohil
 4/23/2018 2:18:03 PM



#84
 Di-n-octyl phthalate
 Concen: 35.309 ng
 RT: 14.57 min Scan# 2122
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	880578		
167	1.5	1.2	1.8	
43	9.0	8.4	12.6	





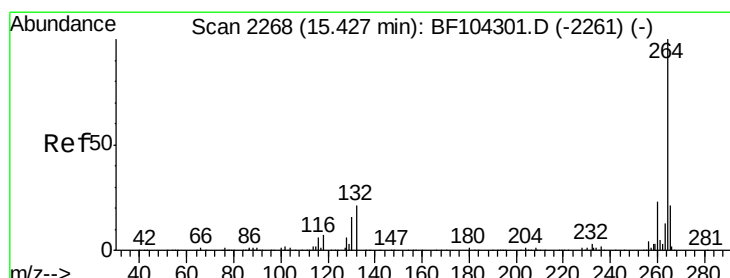
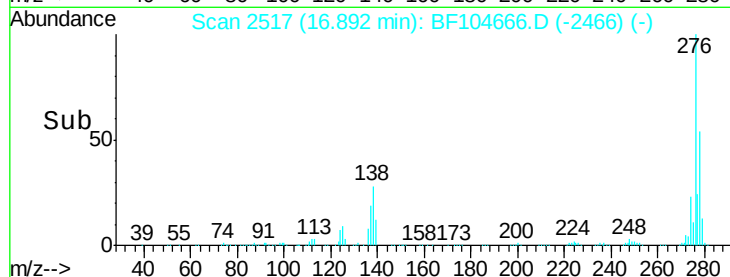
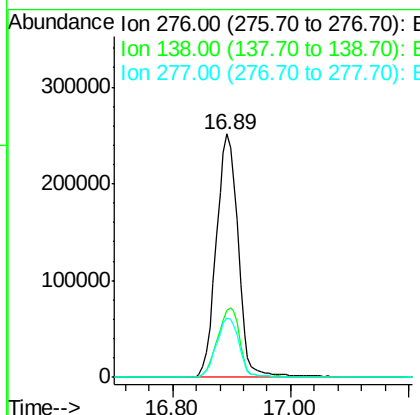
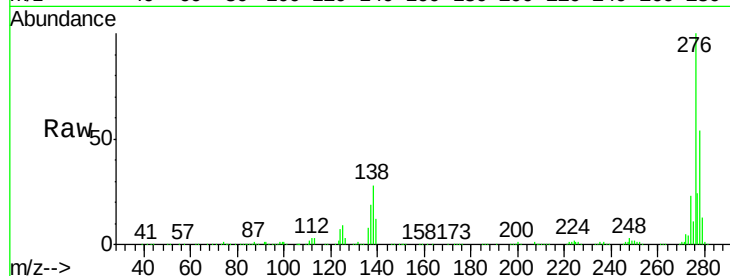
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 37.898 ng
 RT: 16.89 min Scan# 2517
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.0	25.0	37.6
277	25.1	20.1	30.1

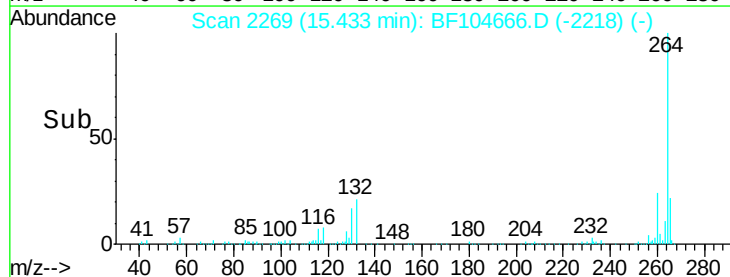
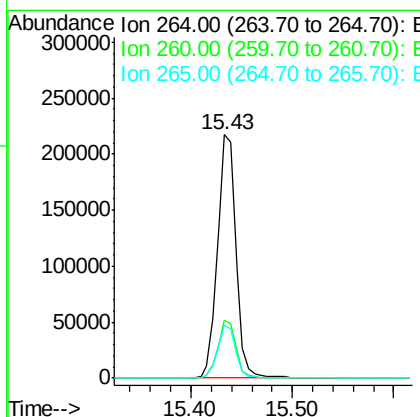
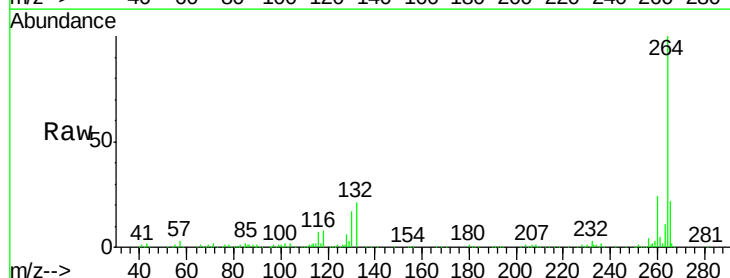
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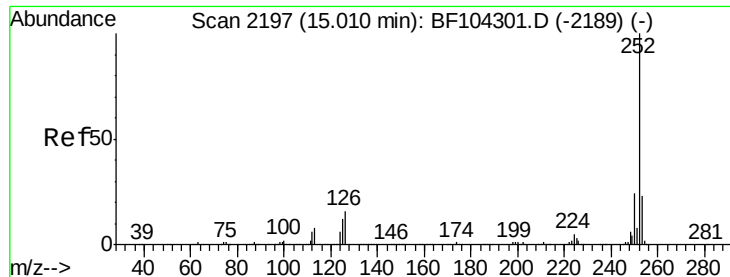
Sohil
 4/23/2018 2:18:03 PM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2269
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.6	17.5	26.3





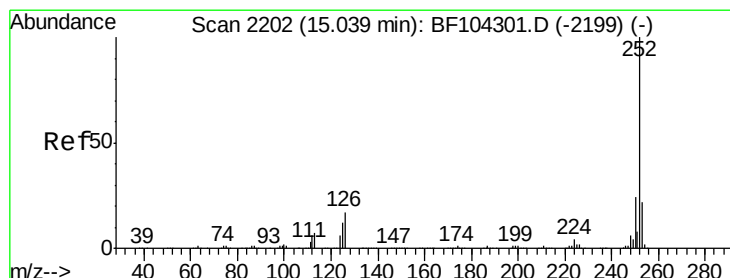
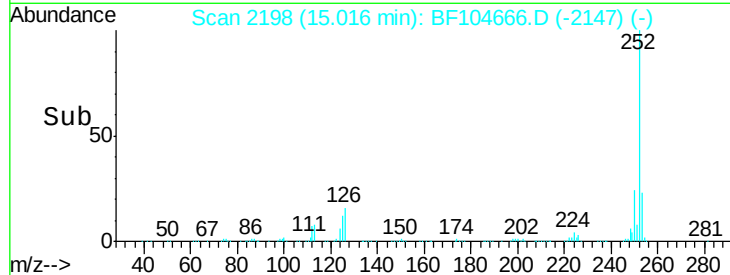
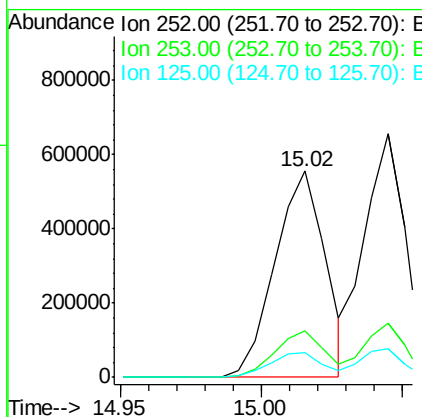
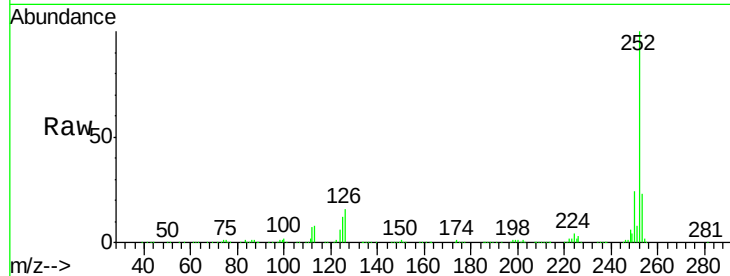
#87
Benzo(b)fluoranthene
Concen: 39.421 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.0	25.6
125	12.2	9.0	13.6

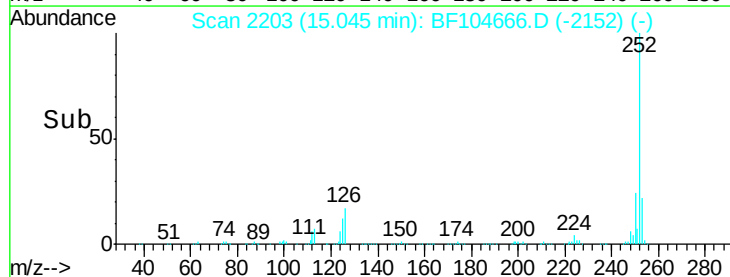
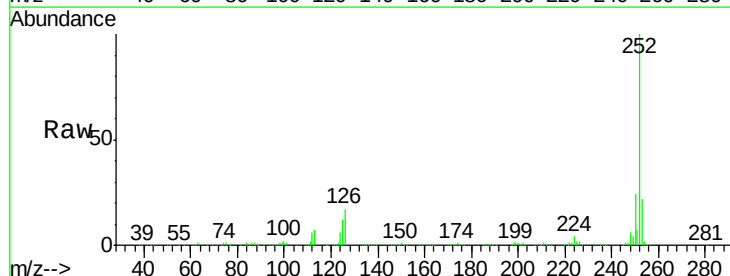
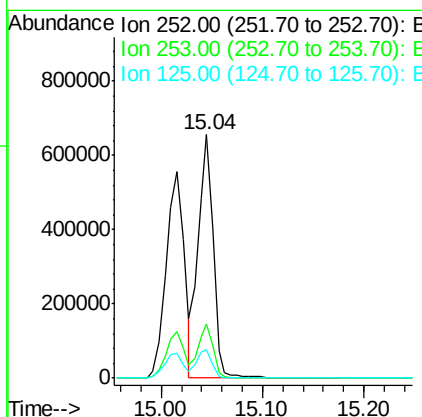
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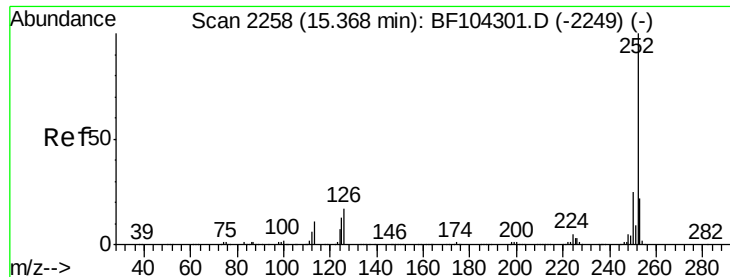
Sohil
4/23/2018 2:18:03 PM



#88
Benzo(k)fluoranthene
Concen: 41.246 ng
RT: 15.04 min Scan# 2203
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	11.7	10.2	15.2





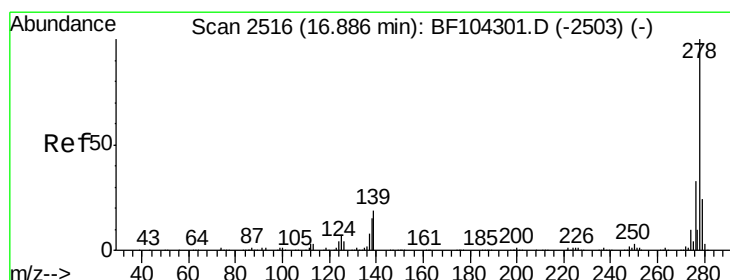
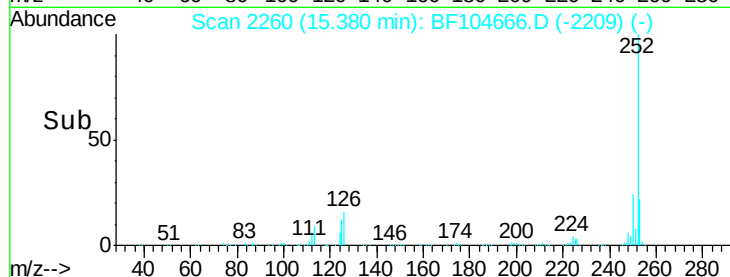
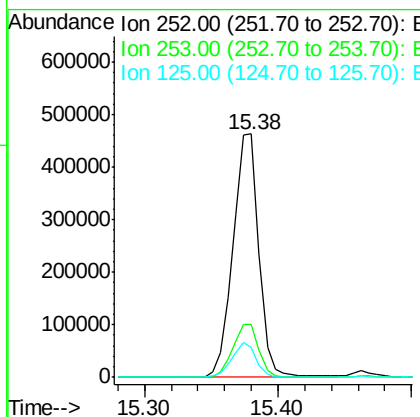
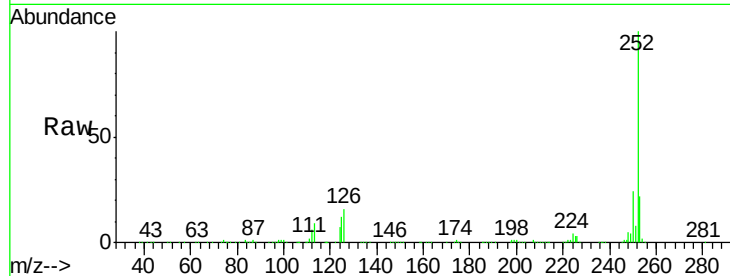
#89
Benzo(a)pyrene
Concen: 40.389 ng
RT: 15.38 min Scan# 2260
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.1	25.7
125	12.5	9.8	14.6

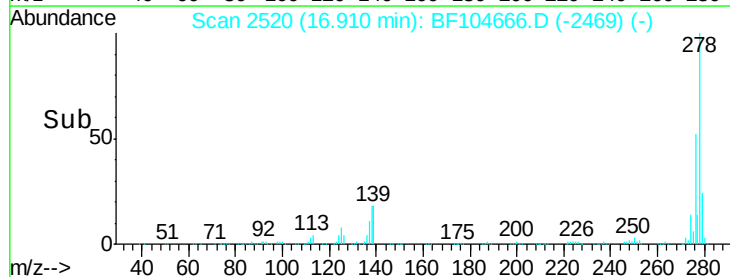
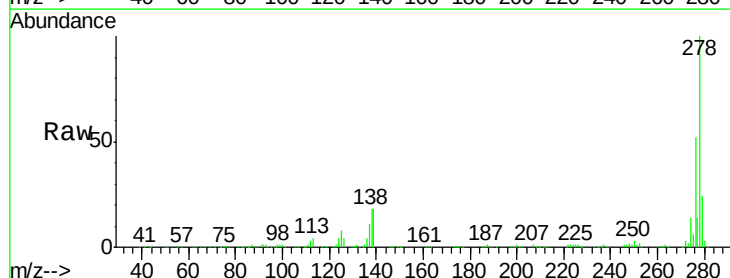
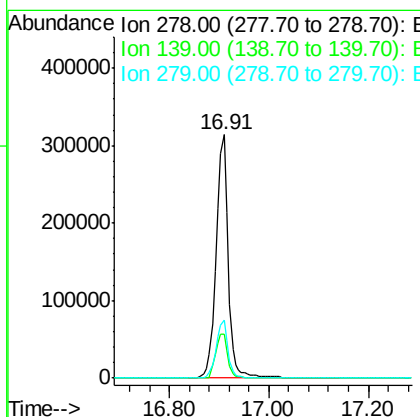
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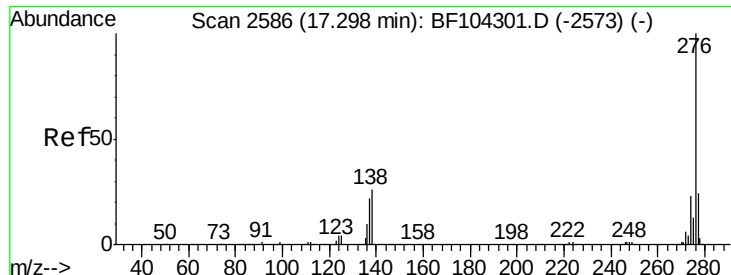
Sohil
4/23/2018 2:18:03 PM



#90
Dibenzo(a,h)anthracene
Concen: 41.854 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BF104666.D
Acq: 20 Apr 2018 11:19

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.8	15.9	23.9
279	23.8	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 42.888 ng
 RT: 17.33 min Scan# 2592
 Delta R.T. 0.00 min
 Lab File: BF104666.D
 Acq: 20 Apr 2018 11:19

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
276	100		
277	23.6	17.9	26.9
138	24.4	21.8	32.8

Manual Integrations
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 4/23/2018 2:18:03 PM

