

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF092818\
 Data File : BF109451.D
 Acq On : 29 Sep 2018 1:34
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Sohil
 10/1/2018 9:57:32 AM

Quant Time: Sep 29 06:06:43 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 22 13:32:18 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	120279	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	475697	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	220180	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	372285	20.00	ng	0.00
75) Chrysene-d12	13.85	240	221952	20.00	ng	0.00
86) Perylene-d12	15.25	264	249409	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	571265	78.23	ng	0.00
7) Phenol-d6	6.36	99	735595	78.94	ng	0.00
23) Nitrobenzene-d5	7.28	82	687644	85.33	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	168388	77.58	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	1207195	82.69	ng	0.00
78) Terphenyl-d14	12.80	244	739919	81.81	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.37	88	124004	36.871	ng	94
3) Pyridine	3.07	79	333320	38.507	ng	90
4) n-Nitrosodimethylamine	3.02	42	143811	39.039	ng	# 98
6) Aniline	6.37	93	458865	38.489	ng	# 45
8) 2-Chlorophenol	6.50	128	326066	40.152	ng	98
9) Benzaldehyde	6.26	77	232580	38.853	ng	98
10) Phenol	6.37	94	400701	37.971	ng	# 53
11) bis(2-Chloroethyl)ether	6.45	93	318229	38.539	ng	97
12) 1,3-Dichlorobenzene	6.65	146	366965	39.248	ng	98
13) 1,4-Dichlorobenzene	6.73	146	373825	39.686	ng	99
14) 1,2-Dichlorobenzene	6.89	146	345426	39.753	ng	98
15) Benzyl Alcohol	6.86	79	285513	40.029	ng	95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	441278	37.675	ng	91
17) 2-Methylphenol	6.97	107	261029	39.726	ng	95
18) Hexachloroethane	7.22	117	119249	35.933	ng	96
19) n-Nitroso-di-n-propylamine	7.14	70	239222	39.179	ng	94
20) 3+4-Methylphenols	7.13	107	313299	39.493	ng	87
22) Acetophenone	7.13	105	430881	39.178	ng	# 92
24) Nitrobenzene	7.30	77	353950	41.310	ng	100
25) Isophorone	7.54	82	569325	39.234	ng	98
26) 2-Nitrophenol	7.61	139	152668	45.055	ng	96
27) 2,4-Dimethylphenol	7.66	122	254398	40.235	ng	98
28) bis(2-Chloroethoxy)methane	7.75	93	381695	39.736	ng	99
29) 2,4-Dichlorophenol	7.86	162	269970	40.639	ng	99
30) 1,2,4-Trichlorobenzene	7.94	180	293256	39.506	ng	96
31) Naphthalene	8.02	128	864729	38.901	ng	100
32) Benzoic acid	7.77	122	115828m	29.937	ng	
33) 4-Chloroaniline	8.06	127	387786	39.933	ng	99
34) Hexachlorobutadiene	8.14	225	181759	40.617	ng	99
35) Caprolactam	8.45	113	82221	38.766	ng	# 79
36) 4-Chloro-3-methylphenol	8.56	107	278192	39.796	ng	96
37) 2-Methylnaphthalene	8.70	142	562934	39.283	ng	98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	288323	41.146	ng	98
40) Hexachlorocyclopentadiene	8.86	237	66460	21.745	ng	98

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 SSTDC040

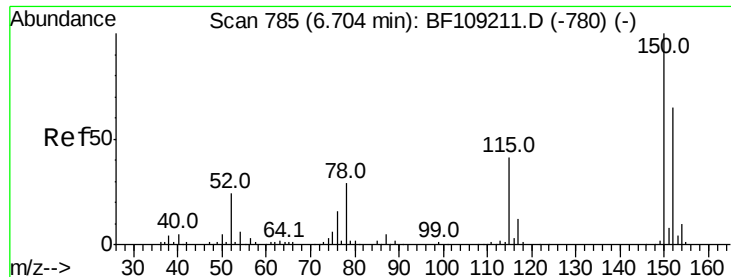
Manual Integrations
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 10/1/2018 9:57:32 AM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	191213	42.517	nq	100
43) 2,4,5-Trichlorophenol	9.03	196	195347	41.127	nq	97
45) 1,1'-Biphenyl	9.17	154	712392	39.711	nq	100
46) 2-Chloronaphthalene	9.19	162	571948	39.909	nq	99
47) 2-Nitroaniline	9.29	65	181801	44.743	nq	92
48) Acenaphthylene	9.60	152	837226	38.724	nq	99
49) Dimethylphthalate	9.47	163	654102	40.844	nq	99
50) 2,6-Dinitrotoluene	9.53	165	137858	43.465	nq	96
51) Acenaphthene	9.78	154	493472	37.752	nq	98
52) 3-Nitroaniline	9.70	138	164987	44.918	nq	93
53) 2,4-Dinitrophenol	9.80	184	18477	23.184	nq #	21
54) Dibenzofuran	9.95	168	743287	38.236	nq	99
55) 4-Nitrophenol	9.86	139	92058	33.270	nq	93
56) 2,4-Dinitrotoluene	9.93	165	171084	42.631	nq #	95
57) Fluorene	10.29	166	516900	37.267	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.07	232	142241	37.822	nq	90
59) Diethylphthalate	10.17	149	640004	39.465	nq	98
60) 4-Chlorophenyl-phenylether	10.28	204	279627	38.598	nq	99
61) 4-Nitroaniline	10.31	138	147222	41.100	nq	99
62) Azobenzene	10.45	77	615584	36.535	nq	94
64) 4,6-Dinitro-2-methylphenol	10.35	198	41502	30.589	nq	80
65) n-Nitrosodiphenylamine	10.40	169	544326	44.254	nq	94
66) 4-Bromophenyl-phenylether	10.77	248	181440	43.889	nq	91
67) Hexachlorobenzene	10.85	284	185234	42.188	nq #	85
68) Atrazine	10.93	200	156963	41.493	nq	98
69) Pentachlorophenol	11.03	266	89345	33.999	nq	99
70) Phenanthrene	11.25	178	738264	39.717	nq	99
71) Anthracene	11.30	178	737294	39.107	nq	99
72) Carbazole	11.45	167	666793	35.547	nq	99
73) Di-n-butylphthalate	11.79	149	885916	41.025	nq	99
74) Fluoranthene	12.43	202	642624	32.350	nq	96
76) Benzidine	12.54	184	316678	39.573	nq	99
77) Pyrene	12.66	202	641151	40.306	nq	99
79) Butylbenzylphthalate	13.27	149	273051	40.348	nq	99
80) Benzo(a)anthracene	13.84	228	503933	37.695	nq	100
81) 3,3'-Dichlorobenzidine	13.80	252	219137	43.131	nq	98
82) Chrysene	13.87	228	509326	38.438	nq	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	339207	39.744	nq	99
84) Di-n-octyl phthalate	14.44	149	643984	44.130	nq	98
85) Indeno(1,2,3-cd)pyrene	16.61	276	512594	47.726	nq #	93
87) Benzo(b)fluoranthene	14.86	252	541155	39.486	nq	97
88) Benzo(k)fluoranthene	14.88	252	483971	37.215	nq	97
89) Benzo(a)pyrene	15.19	252	491880	39.831	nq	99
90) Dibenzo(a,h)anthracene	16.62	278	430076	42.451	nq #	95
91) Benzo(g,h,i)perylene	17.01	276	391671	39.336	nq #	93

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



#1

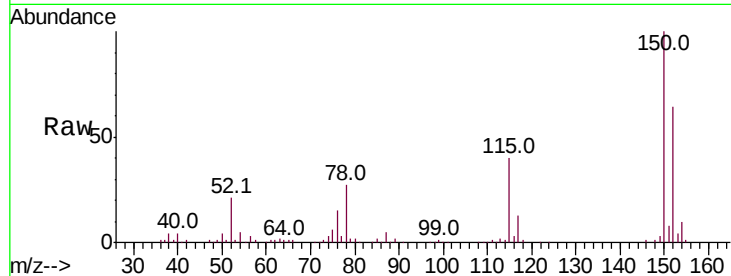
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.71 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	62.3	50.1	75.1

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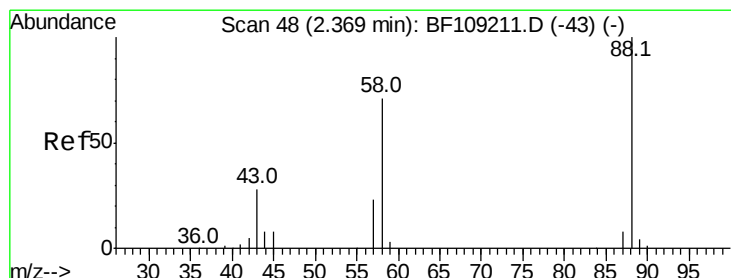
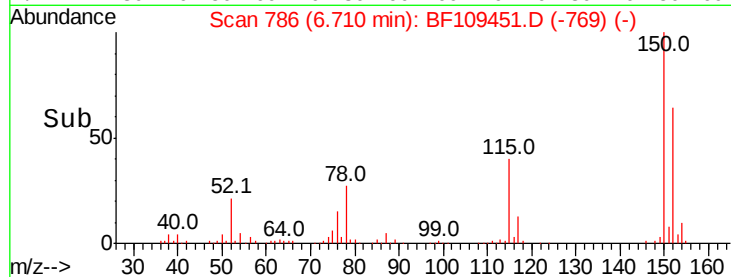
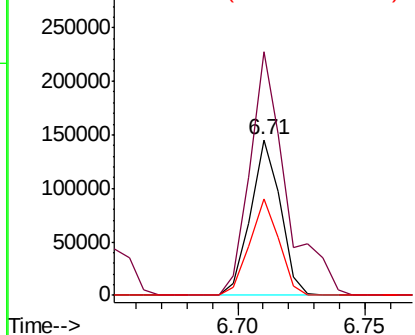


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.871 ng
RT: 2.37 min Scan# 48
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

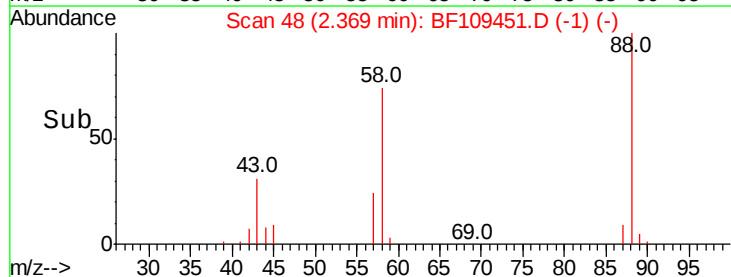
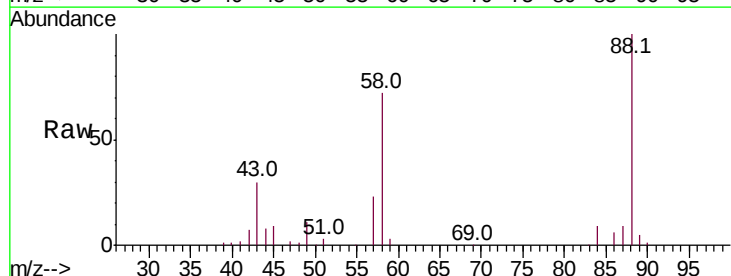
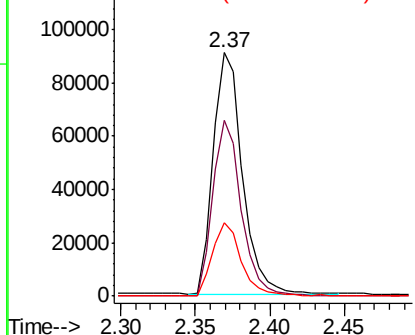
Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.9	62.6	93.8
43	30.0	24.6	37.0

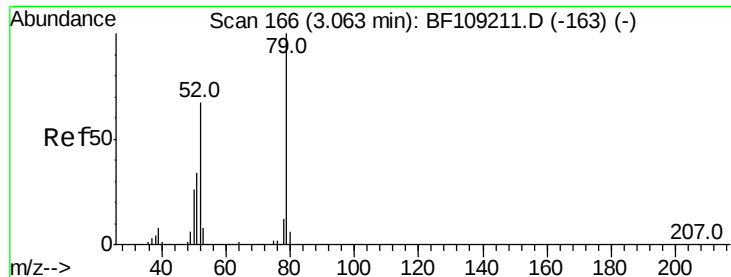
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 38.507 ng

RT: 3.07 min Scan# 168

Delta R.T. 0.01 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Instrument :

BNA_F

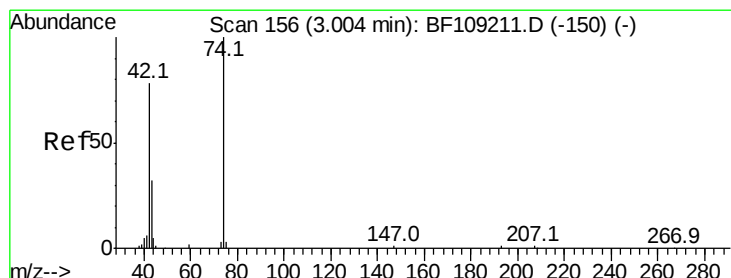
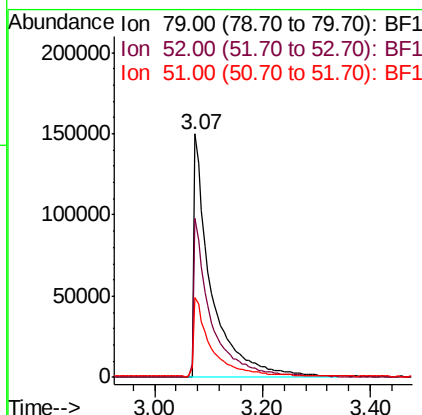
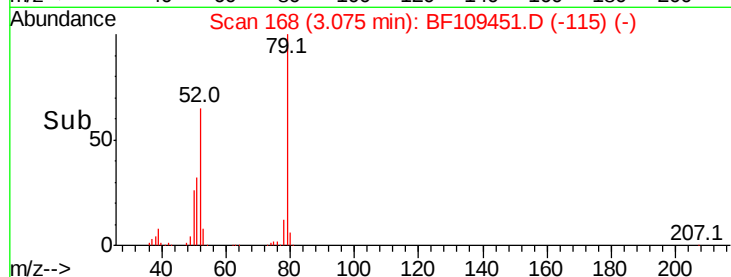
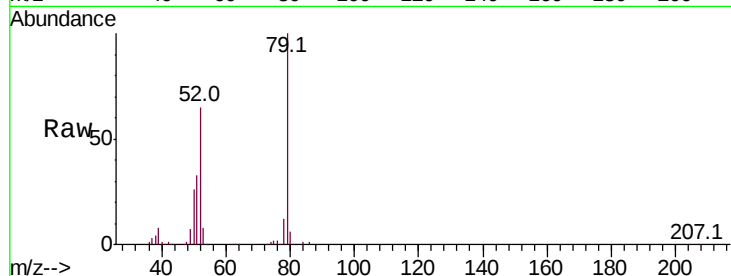
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.5	59.8	89.6
51	32.9	29.8	44.8

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#4

n-Nitrosodimethylamine

Concen: 39.039 ng

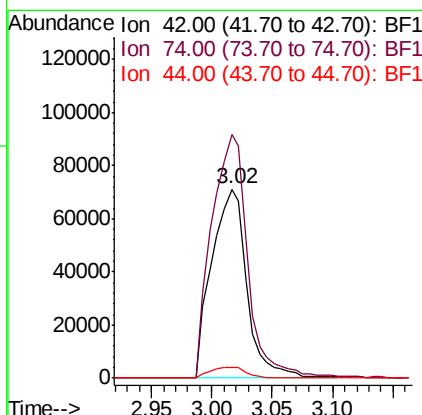
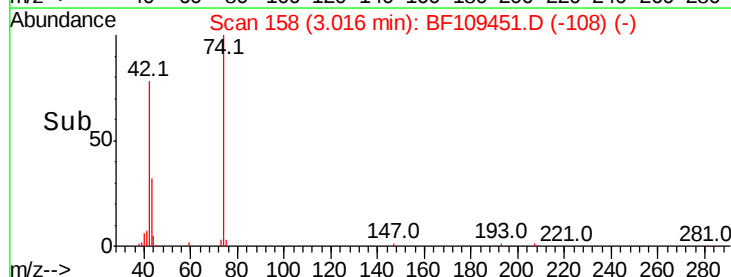
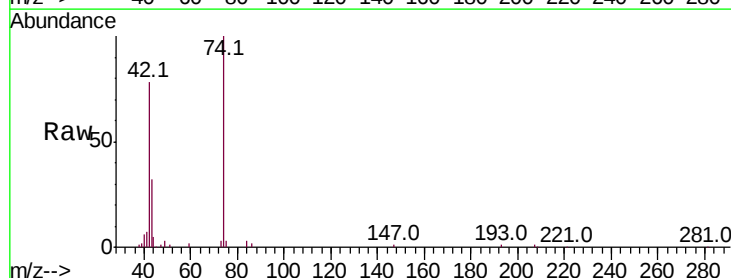
RT: 3.02 min Scan# 158

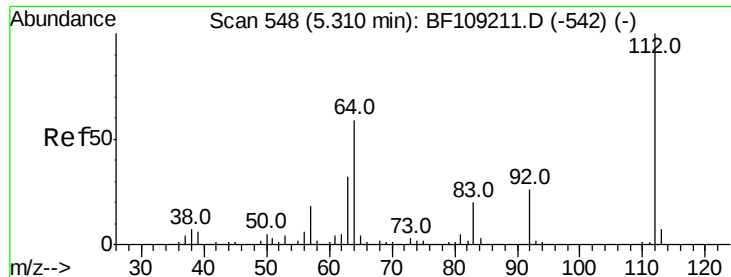
Delta R.T. -0.01 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
42	100		
74	129.0	104.9	157.3
44	6.0	6.9	10.3#





#5

2-Fluorophenol

Concen: 78.228 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Instrument :

BNA_F

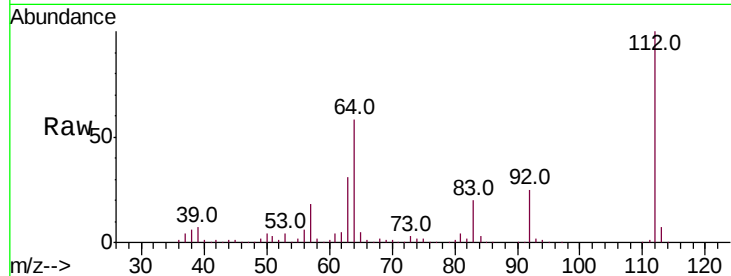
ClientSampleId :

SSTDCCC040

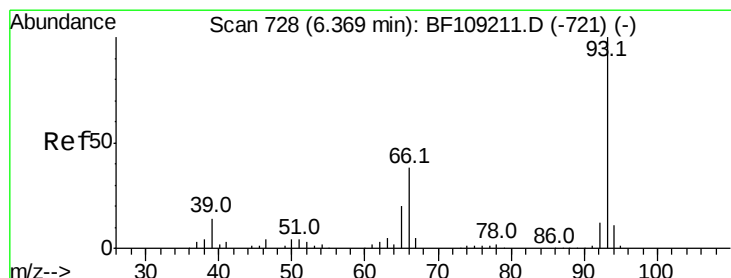
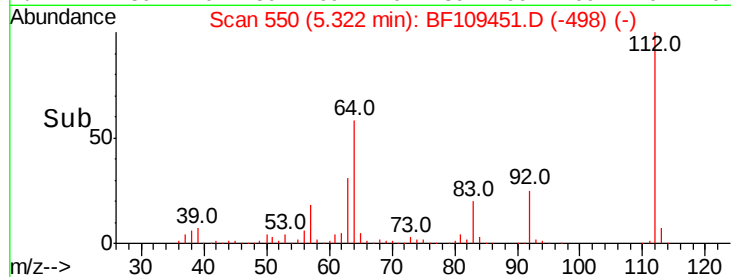
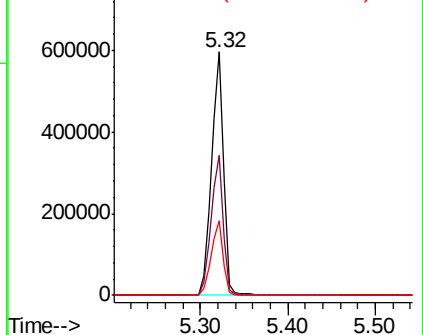
Tot Ion:	112	Resp:	571265
Ion Ratio	Lower	Upper	
112	100		
64	57.6	47.9	71.9
63	30.7	23.7	35.5

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



#6

Aniline

Concen: 38.489 ng

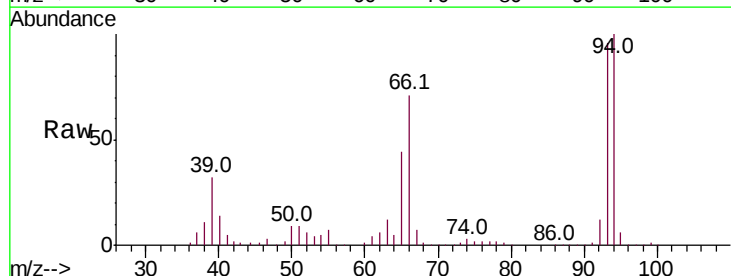
RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

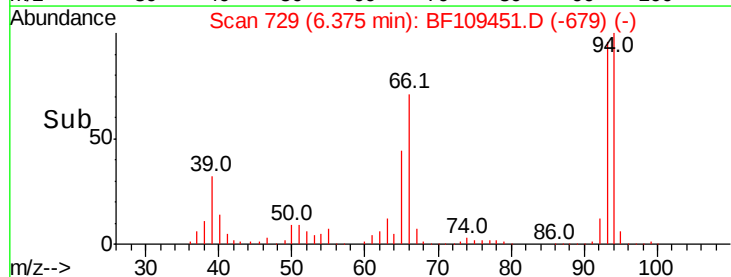
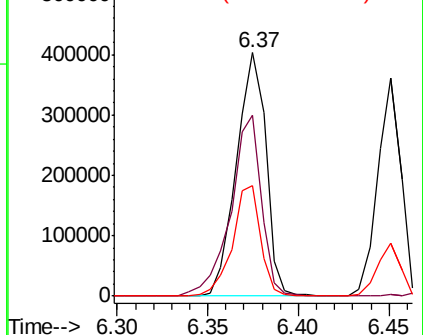
Lab File: BF109451.D

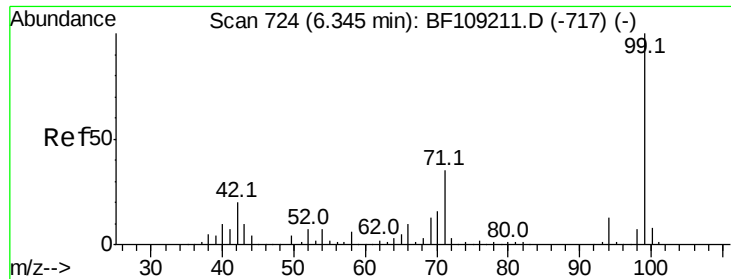
Acq: 29 Sep 2018 1:34

Tgt Ion:	93	Resp:	458865
Ion Ratio	Lower	Upper	
93	100		
66	74.5	32.2	48.2#
65	45.4	16.4	24.6#



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





#7

Phenol-d6

Concen: 78.940 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Instrument :

BNA_F

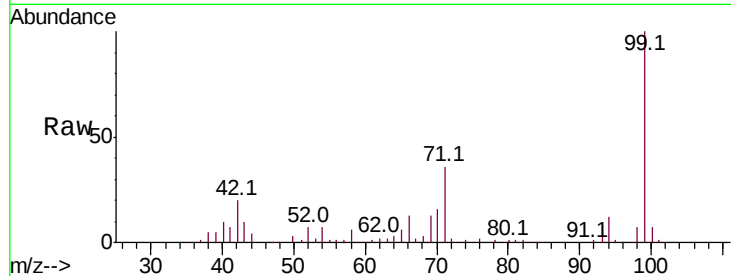
ClientSampleId :

SSTDCCC040

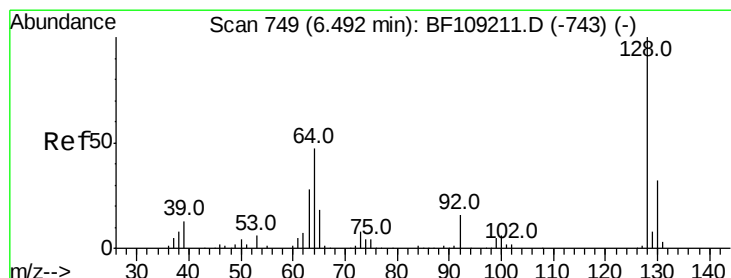
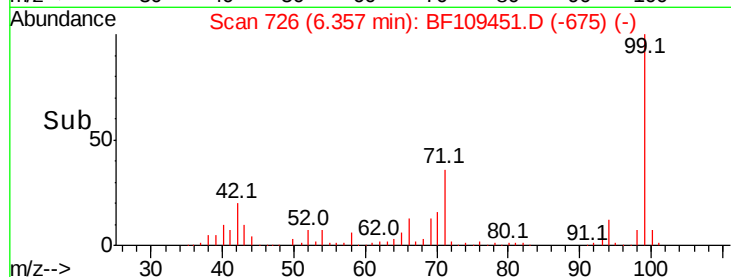
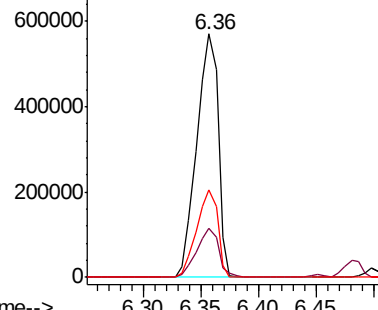
Tot Ion:	99	Resp:	73595
Ion Ratio	Lower	Upper	
99	100		
42	19.9	14.5	21.7
71	35.7	25.4	38.0

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



#8

2-Chlorophenol

Concen: 40.152 ng

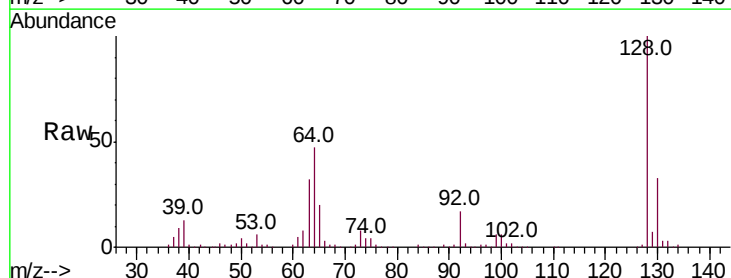
RT: 6.50 min Scan# 750

Delta R.T. 0.00 min

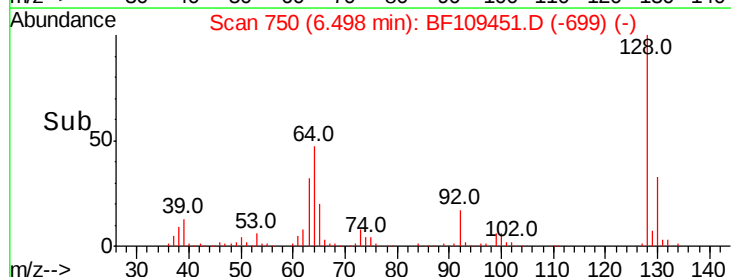
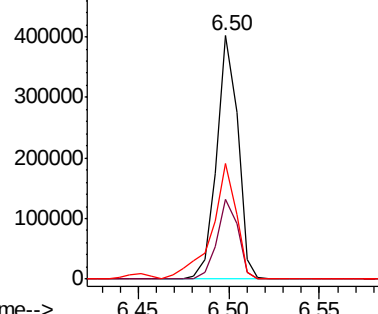
Lab File: BF109451.D

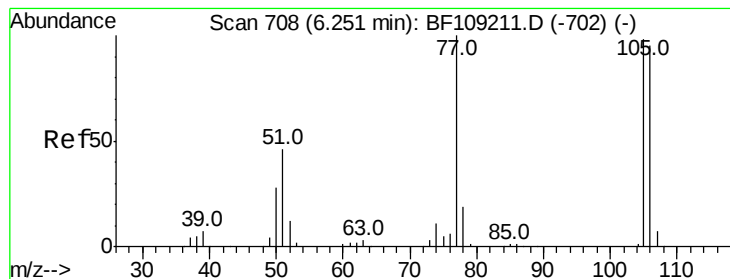
Acq: 29 Sep 2018 1:34

Tgt Ion:	128	Resp:	326066
Ion Ratio	Lower	Upper	
128	100		
130	32.9	13.0	53.0
64	47.3	29.4	69.4



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





#9

Benzaldehyde

Concen: 38.853 ng

RT: 6.26 min Scan# 709

Delta R.T. 0.01 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Instrument :

BNA_F

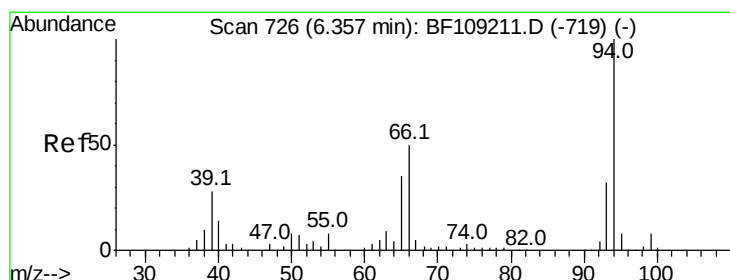
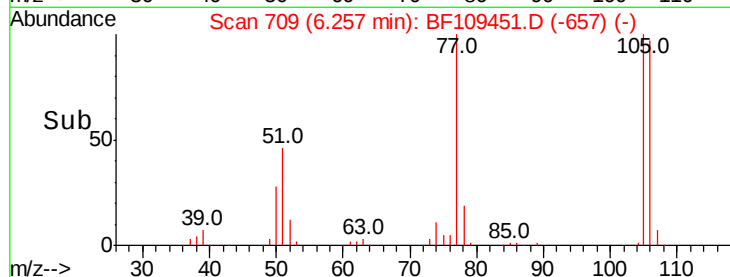
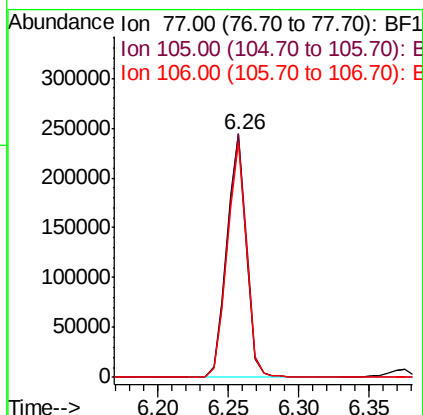
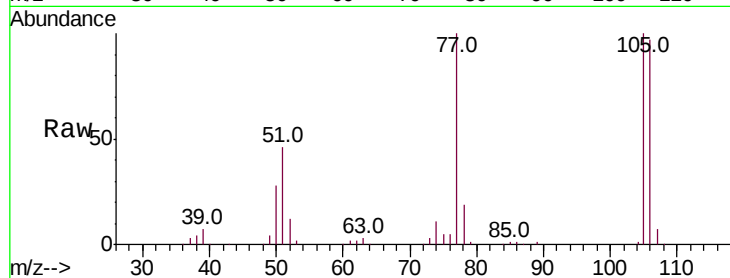
ClientSampleId :

SSTDCCC040

Tot Ion:	77	Resp:	232580
Ion Ratio	Lower	Upper	
77	100		
105	100.2	81.1	121.1
106	96.8	74.5	114.5

Manual Integrations
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#10

Phenol

Concen: 37.971 ng

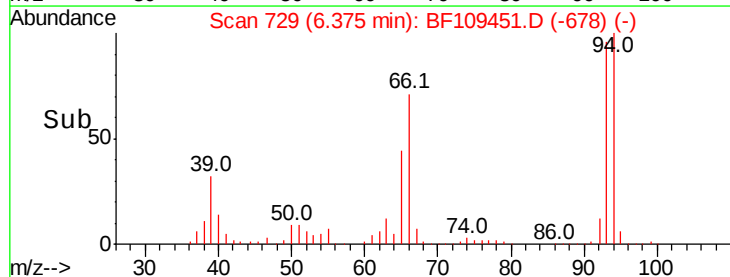
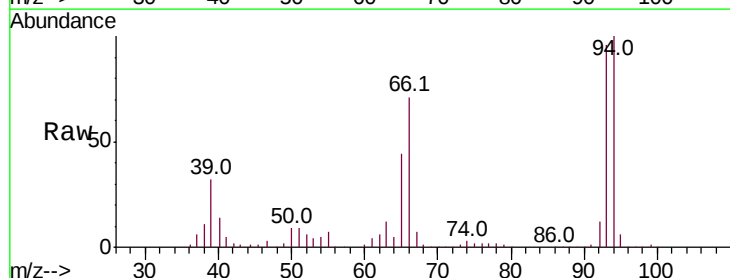
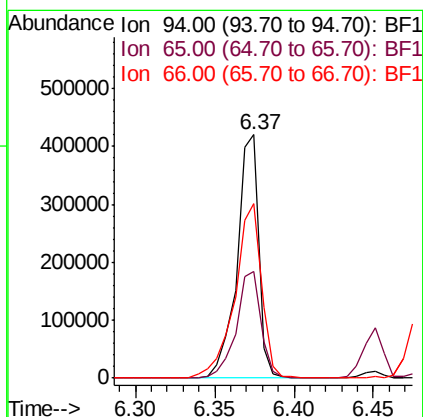
RT: 6.37 min Scan# 729

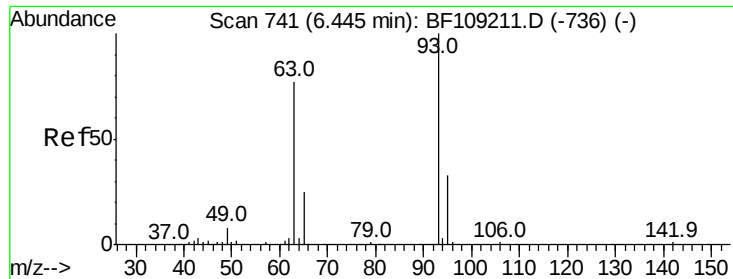
Delta R.T. 0.00 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Tgt Ion:	94	Resp:	400701
Ion Ratio	Lower	Upper	
94	100		
65	43.6	7.9	47.9
66	71.5	16.2	56.2





#11

bis(2-Chloroethyl)ether

Concen: 38.539 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.01 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Instrument :

BNA_F

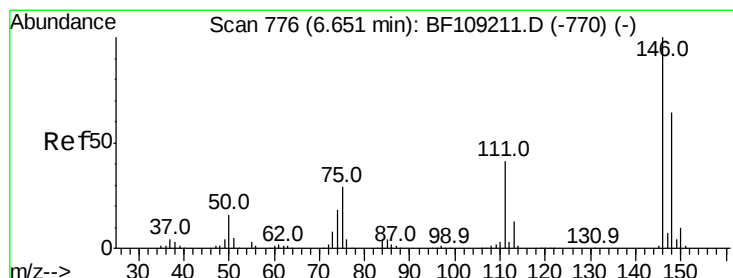
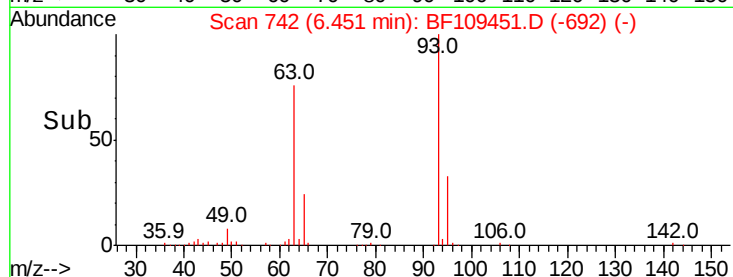
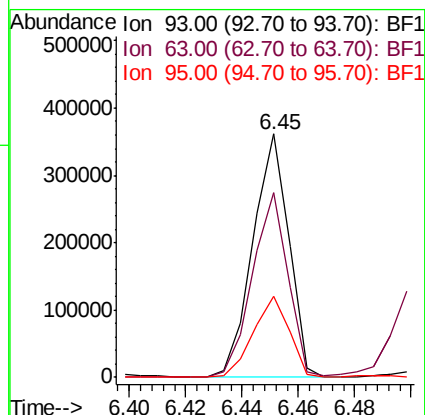
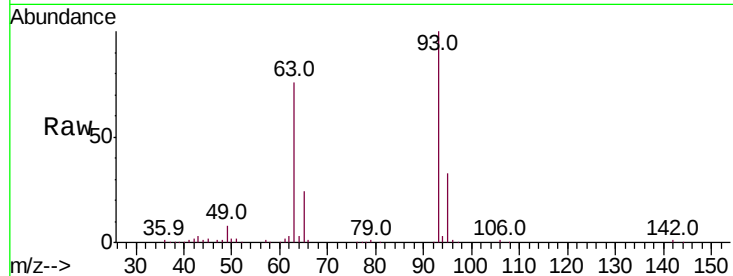
ClientSampleId :

SSTDCCC040

Tot Ion:	93	Resp:	318229
Ion Ratio	Lower	Upper	
93	100		
63	75.8	58.6	98.6
95	33.5	11.8	51.8

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#12

1,3-Dichlorobenzene

Concen: 39.248 ng

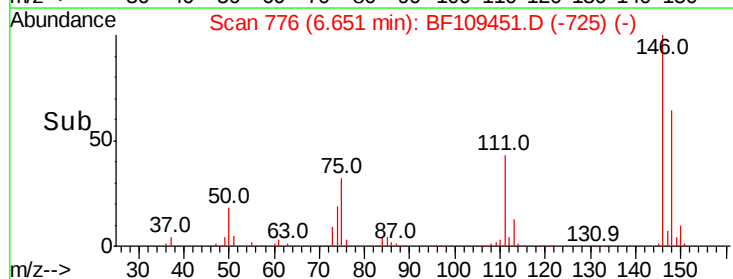
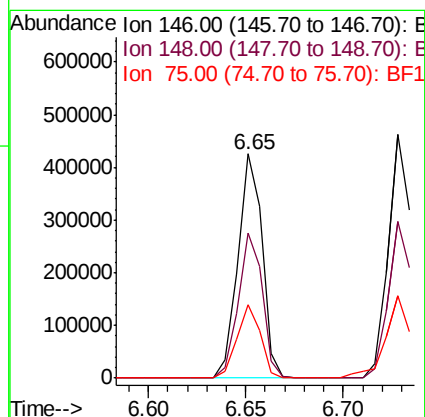
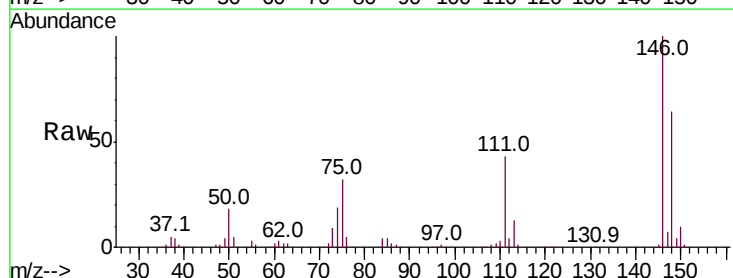
RT: 6.65 min Scan# 776

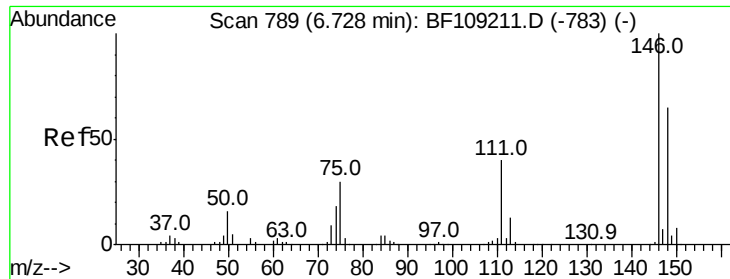
Delta R.T. 0.00 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Tgt Ion:	146	Resp:	366965
Ion Ratio	Lower	Upper	
146	100		
148	64.4	51.8	77.8
75	32.5	24.2	36.4





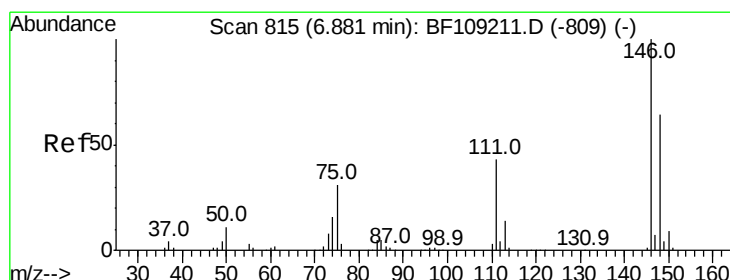
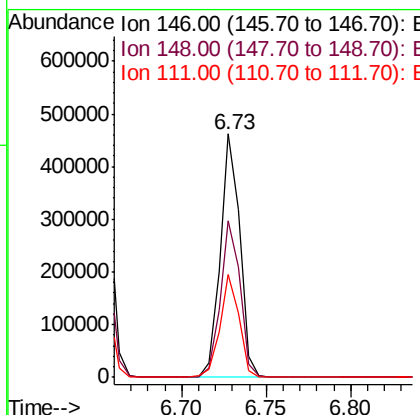
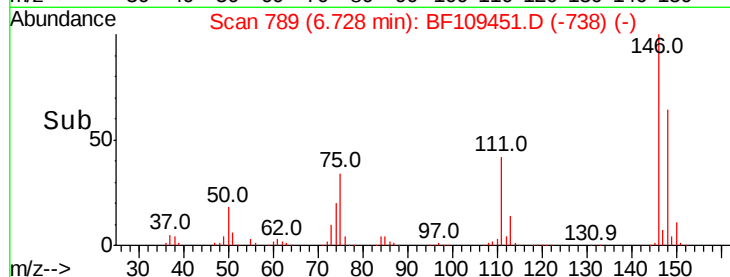
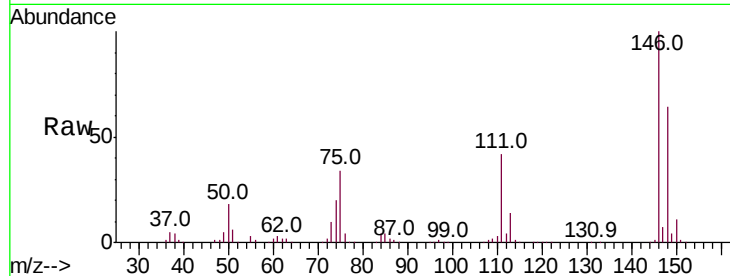
#13
 1,4-Dichlorobenzene
 Concen: 39.686 ng
 RT: 6.73 min Scan# 789
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.4	50.8	76.2
111	42.5	34.2	51.2

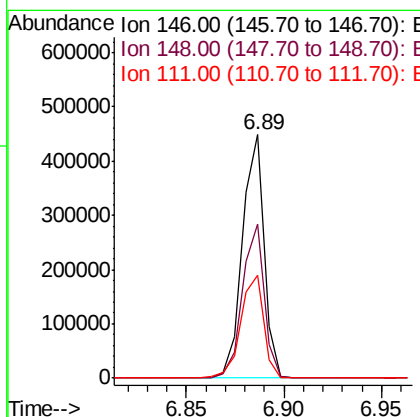
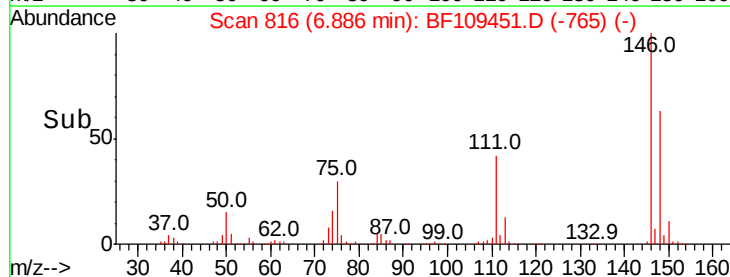
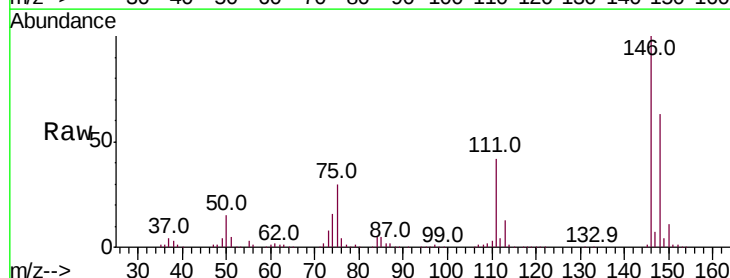
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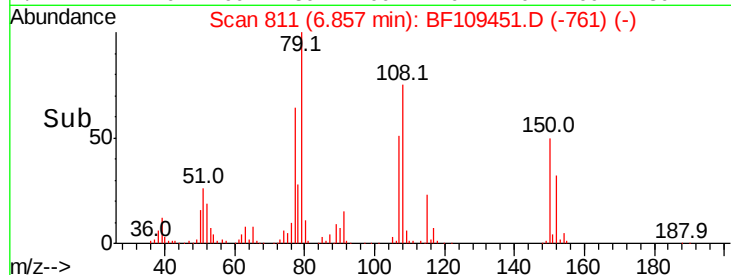
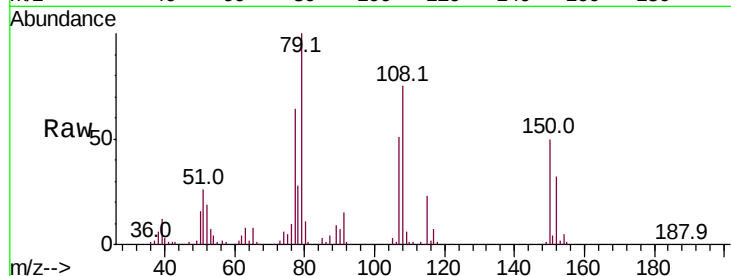
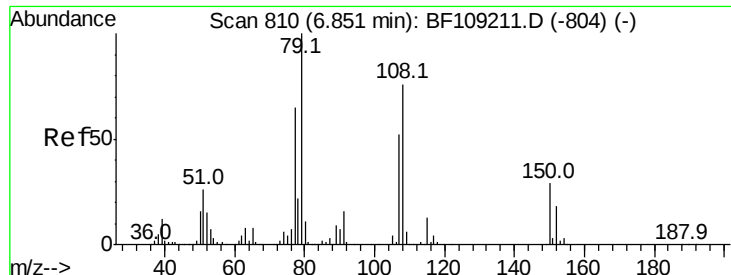
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#14
 1,2-Dichlorobenzene
 Concen: 39.753 ng
 RT: 6.89 min Scan# 816
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.5	50.6	75.8
111	42.1	36.0	54.0





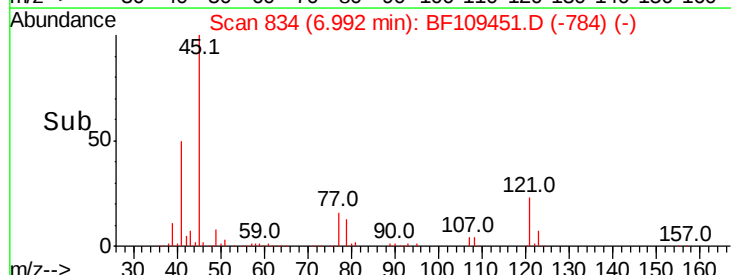
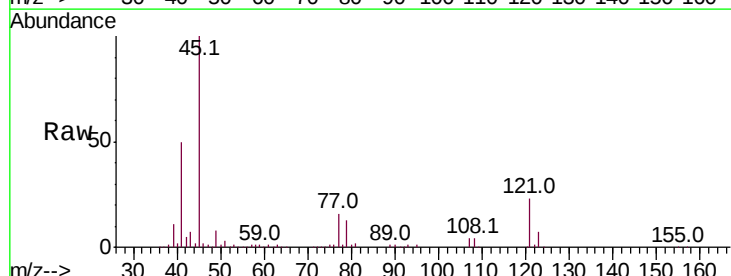
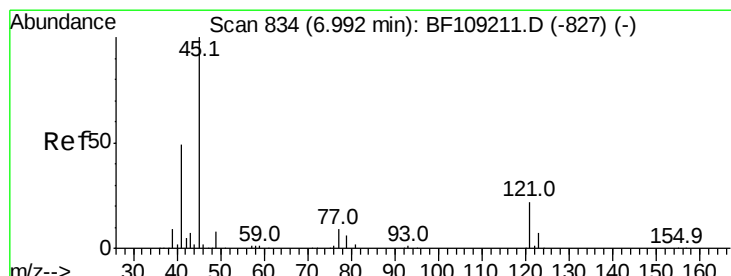
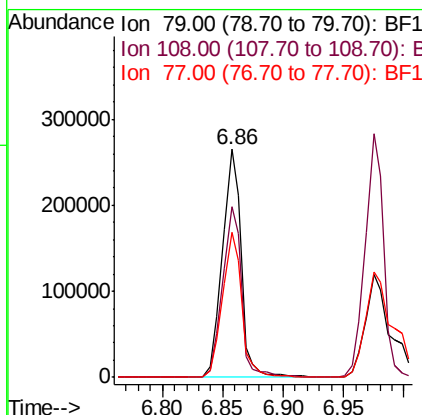
#15
Benzyl Alcohol
Concen: 40.029 ng
RT: 6.86 min Scan# 811
Delta R.T. -0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.8	65.1	97.7
77	63.8	50.6	75.8

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

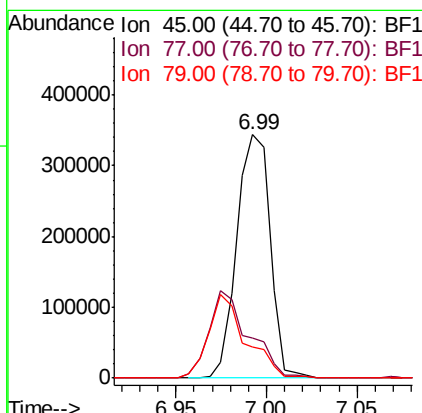
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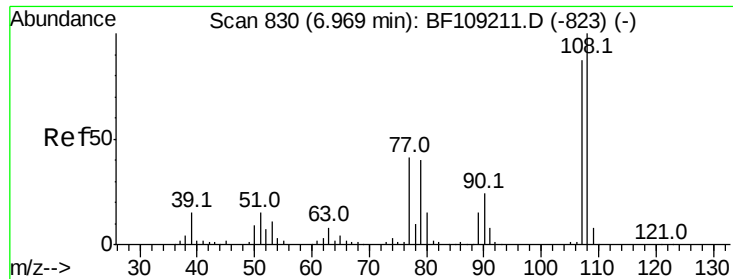
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.675 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.5	0.0	32.9
79	12.9	0.0	29.6





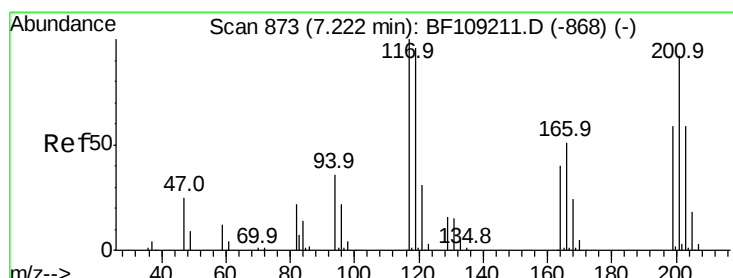
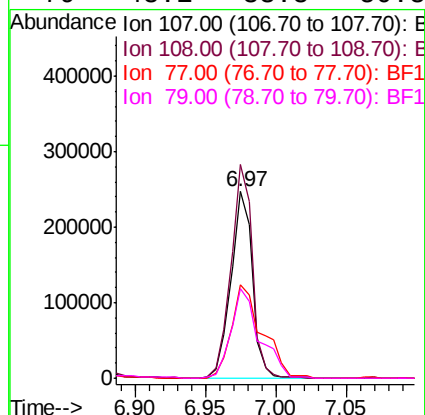
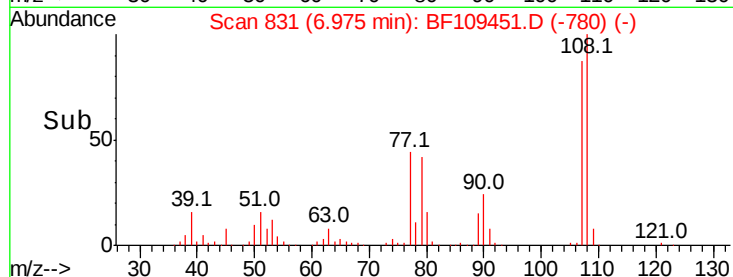
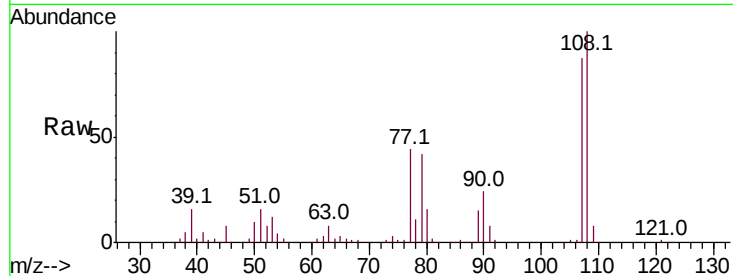
#17
2-Methylphenol
Concen: 39.726 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	107	Resp:	261029
Ion Ratio	Lower	Upper	
107	100		
108	114.5	91.7	137.5
77	49.8	33.8	50.8
79	48.1	33.8	50.8

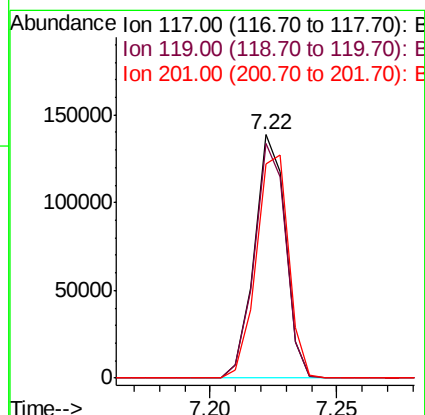
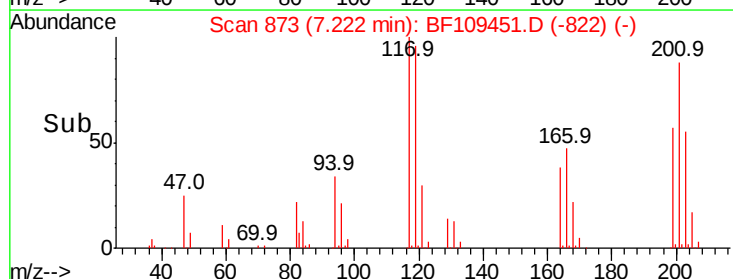
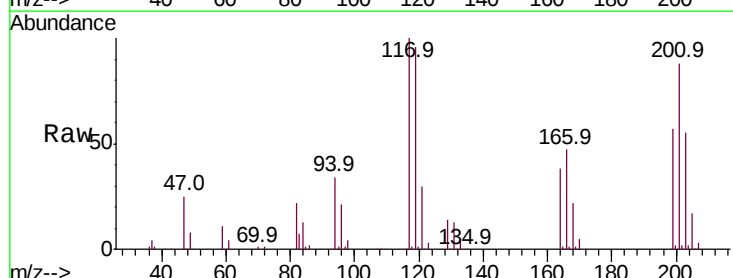
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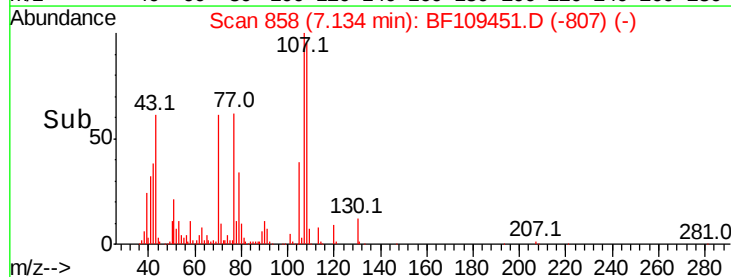
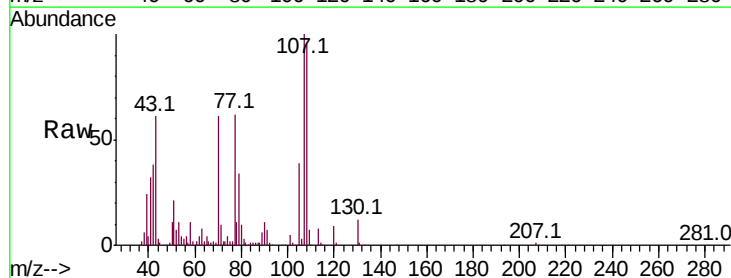
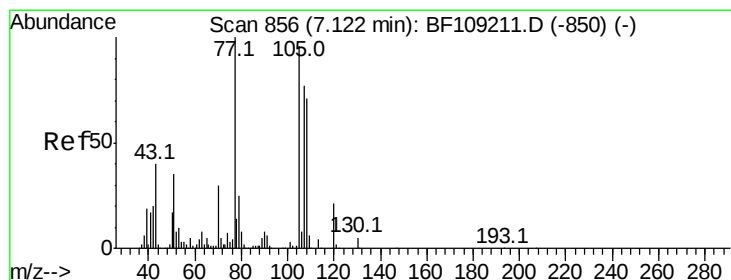
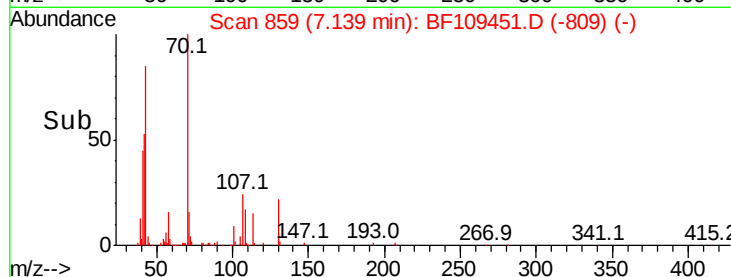
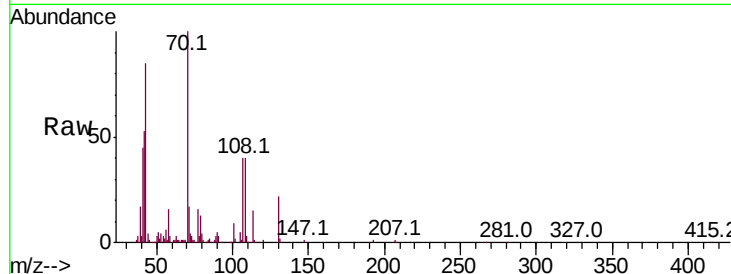
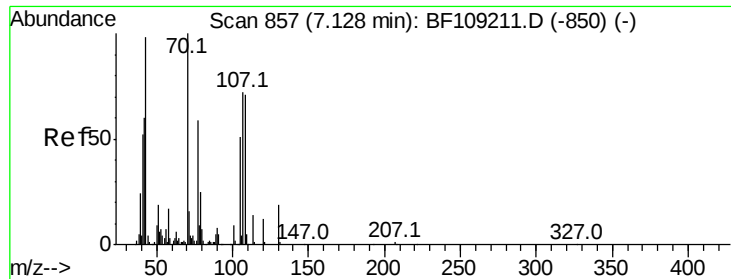
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#18
Hexachloroethane
Concen: 35.933 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion:	117	Resp:	119249
Ion Ratio	Lower	Upper	
117	100		
119	96.4	75.8	113.8
201	88.2	75.7	113.5





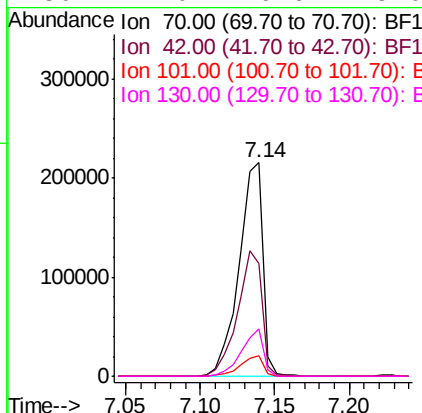
#19
n-Nitroso-di-n-propylamine
Concen: 39.179 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.8	47.5	71.3		
101	9.3	7.4	11.2		
130	22.0	16.6	25.0		

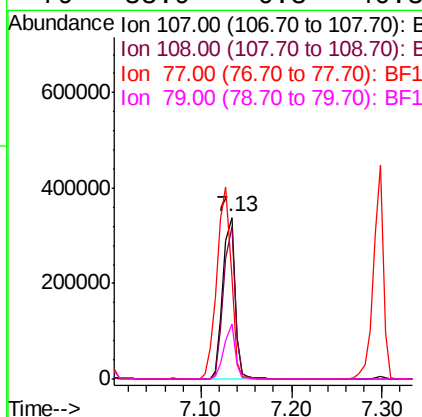
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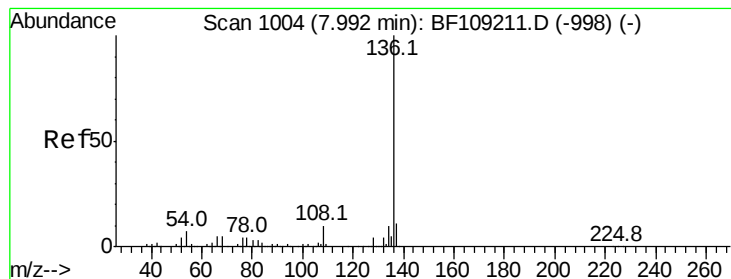
Sohil
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#20
3+4-Methylphenols
Concen: 39.493 ng
RT: 7.13 min Scan# 858
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	94.7	68.2	108.2		
77	62.5	26.7	66.7		
79	33.9	6.3	46.3		





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1004

Delta R.T. 0.00 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Instrument :

BNA_F

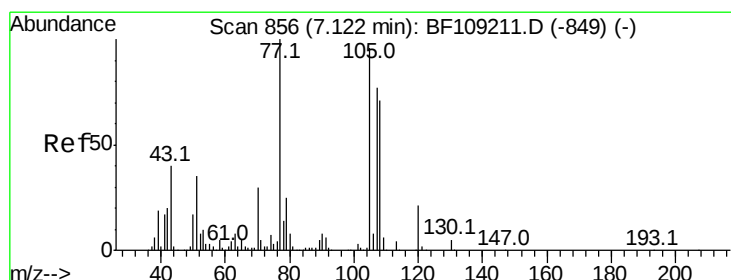
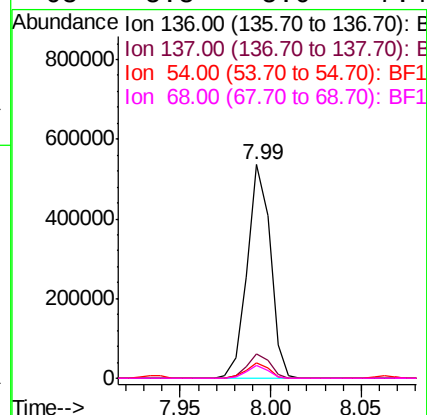
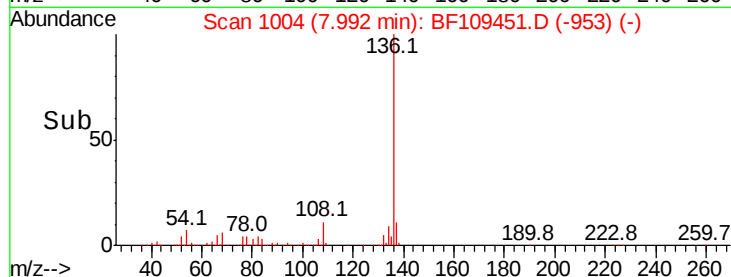
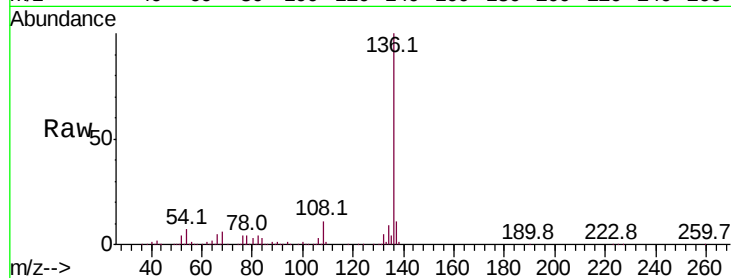
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.2	8.9	13.3	
54	7.1	6.6	9.8	
68	5.8	5.0	7.4	

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#22

Acetophenone

Concen: 39.178 ng

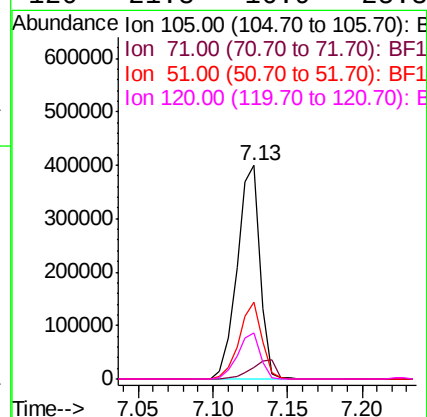
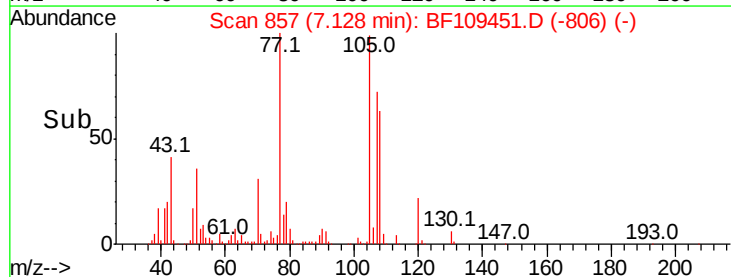
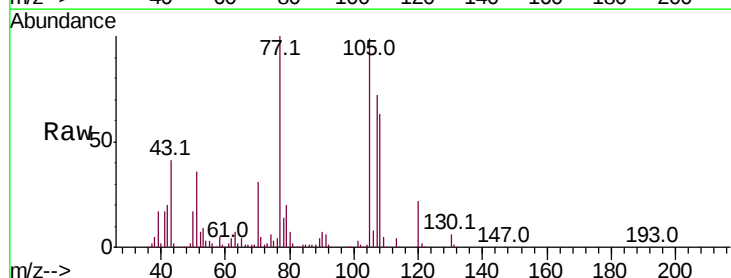
RT: 7.13 min Scan# 857

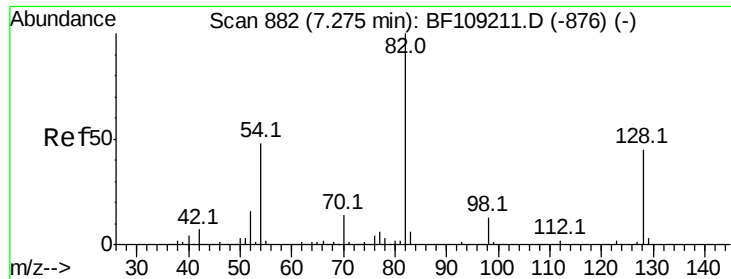
Delta R.T. 0.00 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	5.3	4.4	6.6	
51	35.9	22.3	33.5	
120	21.8	16.9	25.3	





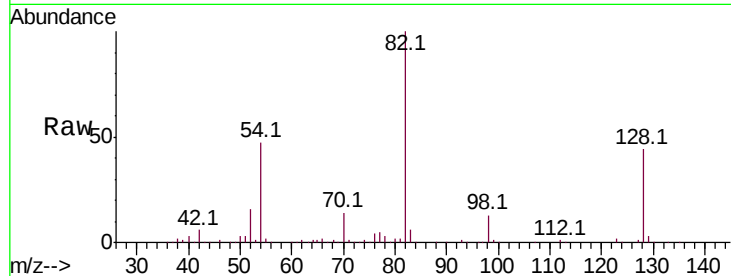
#23
 Nitrobenzene-d5
 Concen: 85.333 ng
 RT: 7.28 min Scan# 883
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

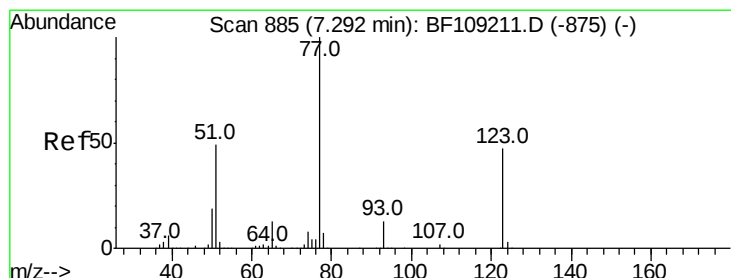
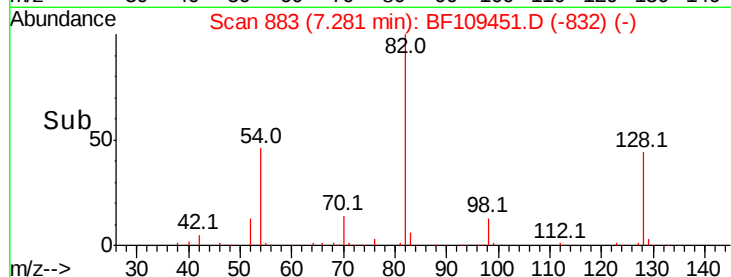
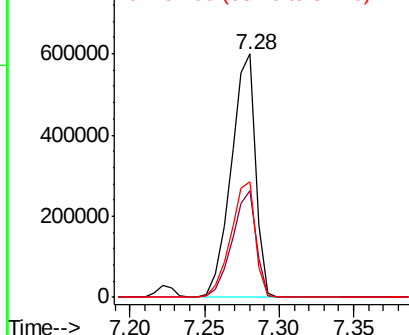
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	36.1	54.1
54	47.5	41.4	62.2

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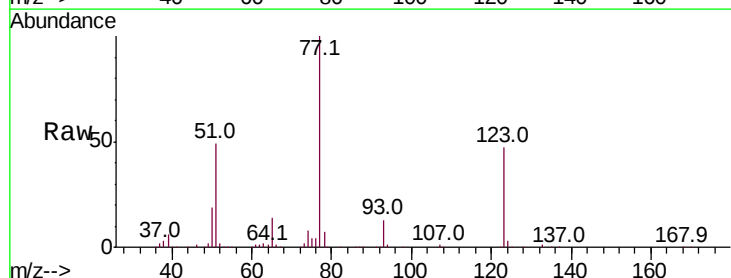


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

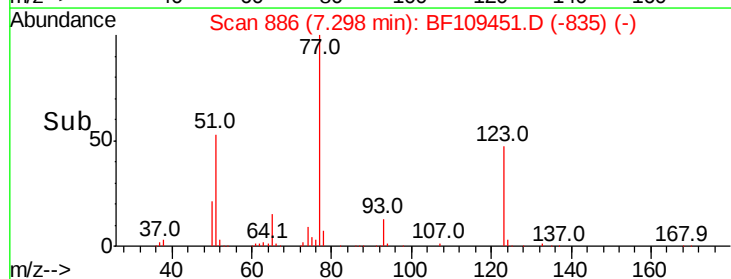
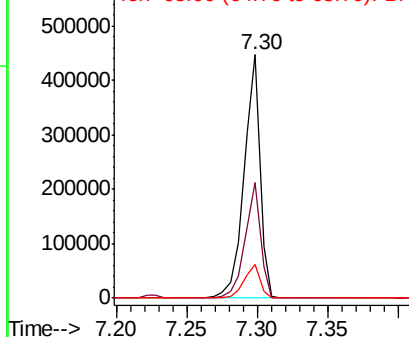


#24
 Nitrobenzene
 Concen: 41.310 ng
 RT: 7.30 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
77	100		
123	47.3	37.9	56.9
65	13.6	11.0	16.4



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





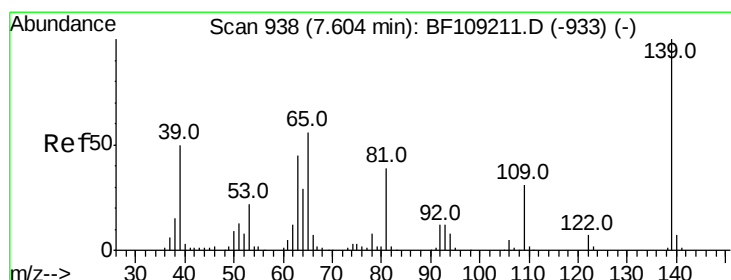
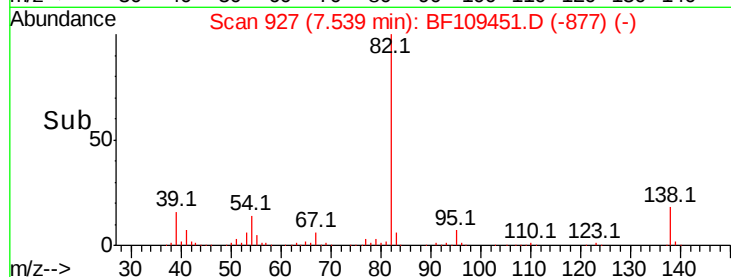
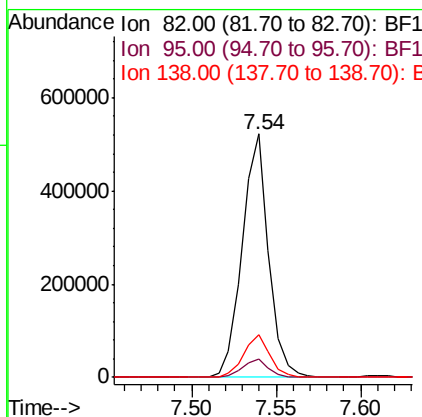
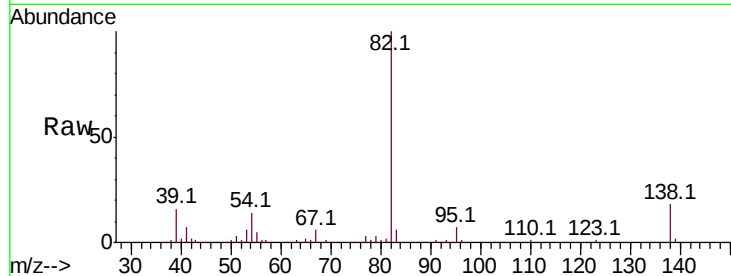
#25
Isophorone
Concen: 39.234 ng
RT: 7.54 min Scan# 927
Delta R.T. -0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100	569325		
95	7.3		5.2	7.8
138	17.8		14.9	22.3

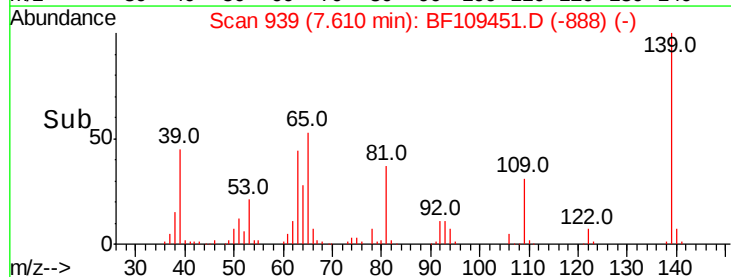
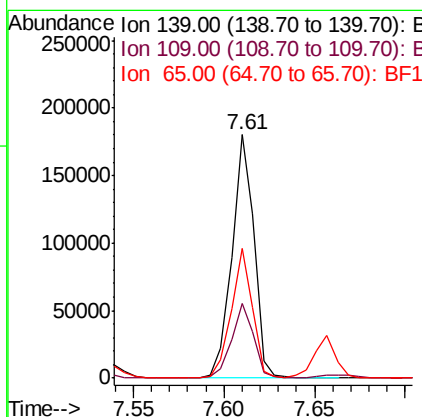
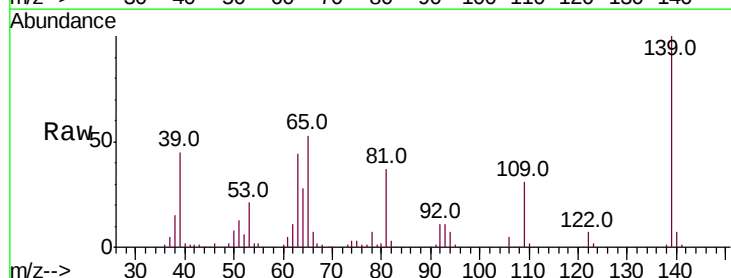
Manual Integrations
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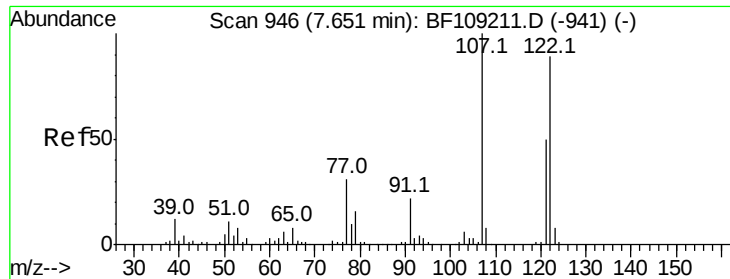
Sohil
10/1/2018 9:57:32 AM



#26
2-Nitrophenol
Concen: 45.055 ng
RT: 7.61 min Scan# 939
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	152668		
109	30.6		22.7	34.1
65	53.0		40.5	60.7





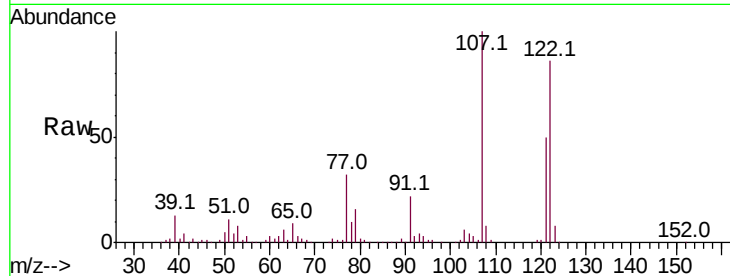
#27
2,4-Dimethylphenol
Concen: 40.235 ng
RT: 7.66 min Scan# 947
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
122	100	254398		
107	116.6	91.2	136.8	
121	58.5	47.2	70.8	

Manual Integrations
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Sohil
10/1/2018 9:57:32 AM

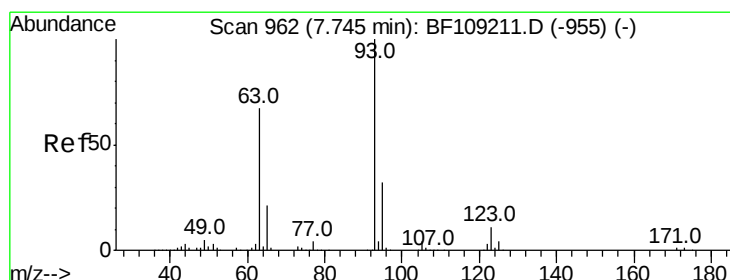
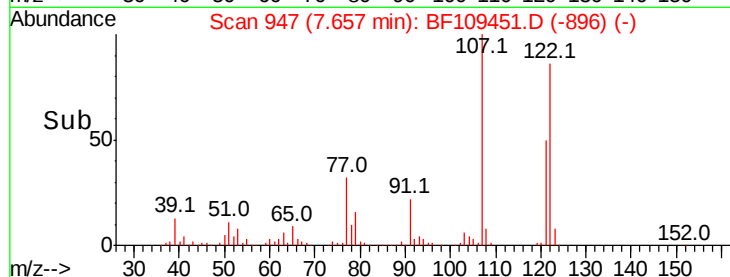
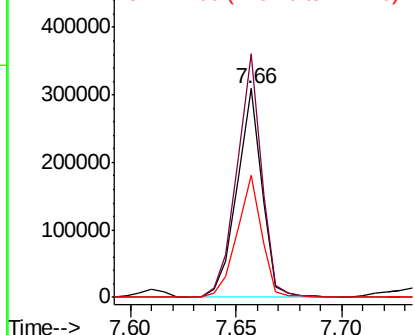


Abundance

Ion 122.00 (121.70 to 122.70): E

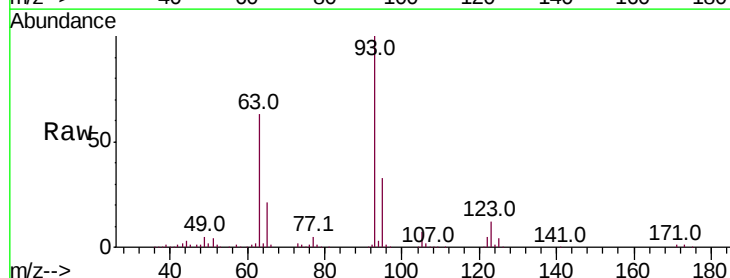
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 39.736 ng
RT: 7.75 min Scan# 963
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	381695		
95	33.4	26.3	39.5	
123	11.7	9.8	14.6	

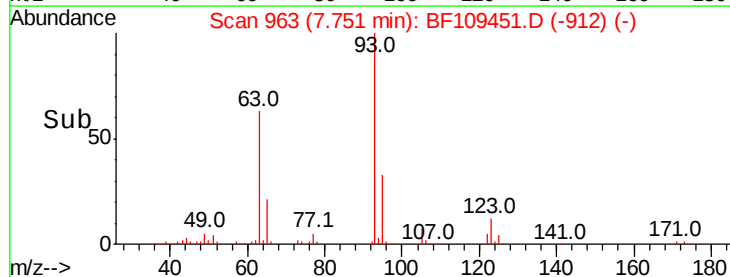
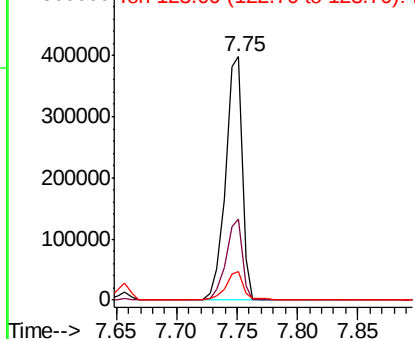


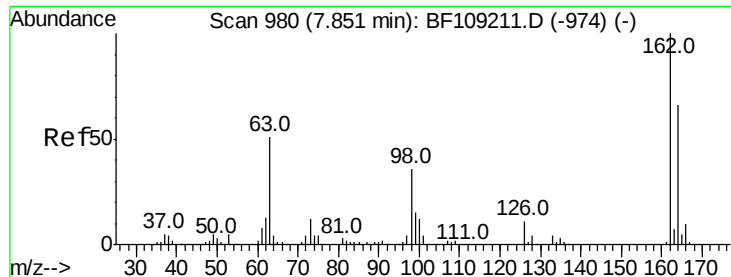
Abundance

Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





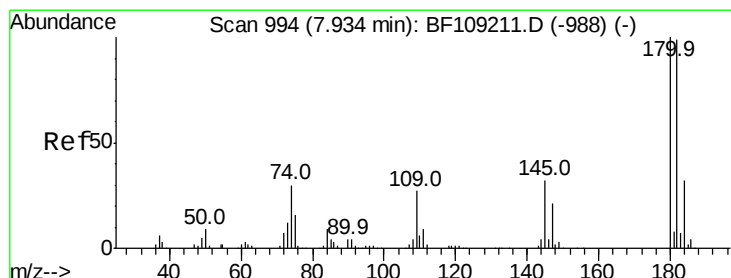
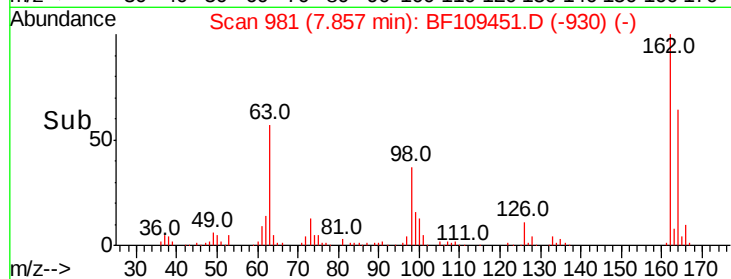
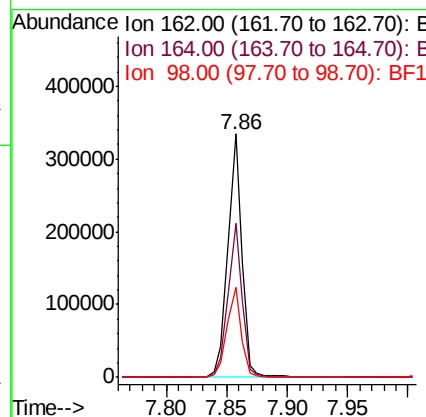
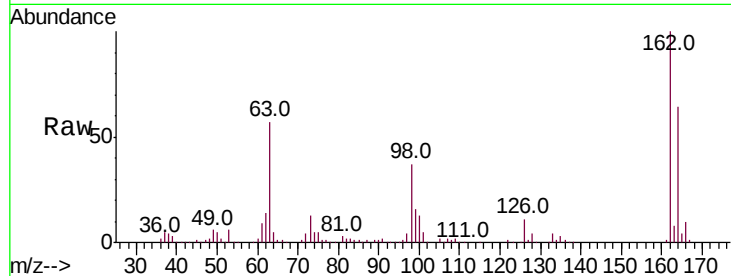
#29
2,4-Dichlorophenol
Concen: 40.639 ng
RT: 7.86 min Scan# 981
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	269970		
164	63.5	42.7	82.7	
98	36.9	18.1	58.1	

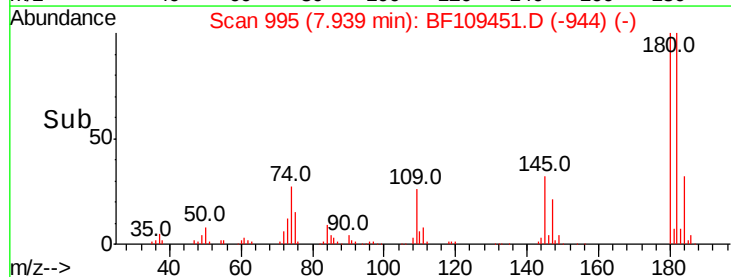
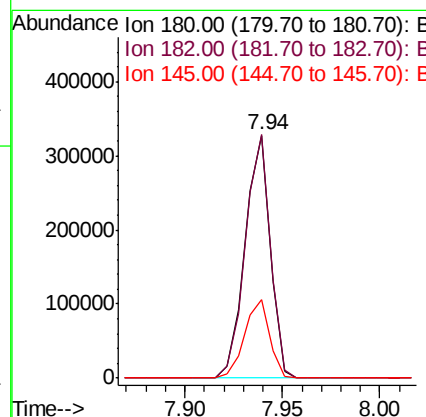
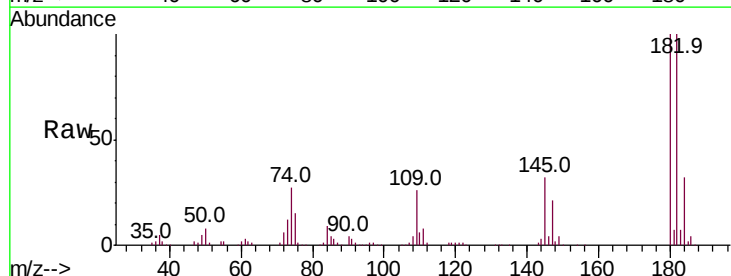
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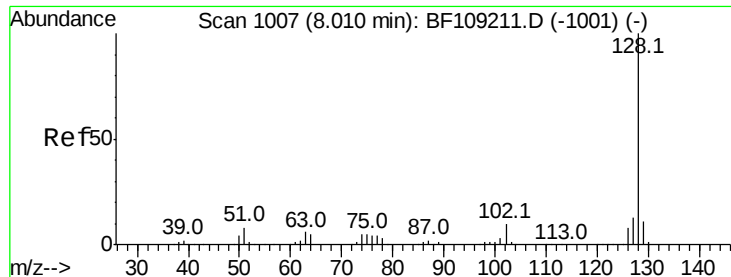
Sohil
10/1/2018 9:57:32 AM



#30
1,2,4-Trichlorobenzene
Concen: 39.506 ng
RT: 7.94 min Scan# 995
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	293256		
182	100.3	76.8	115.2	
145	32.5	26.5	39.7	





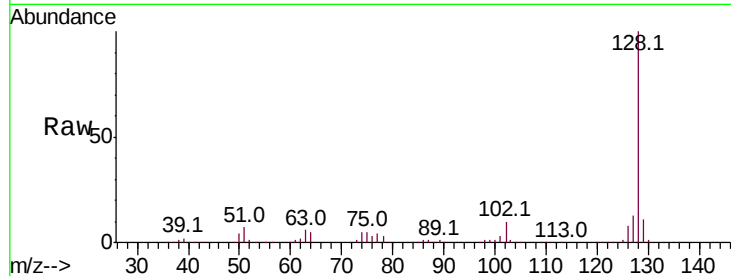
#31
Naphthalene
Concen: 38.901 ng
RT: 8.02 min Scan# 1008
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.5	10.9	16.3

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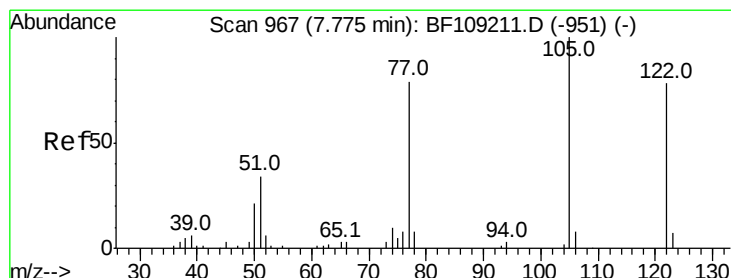
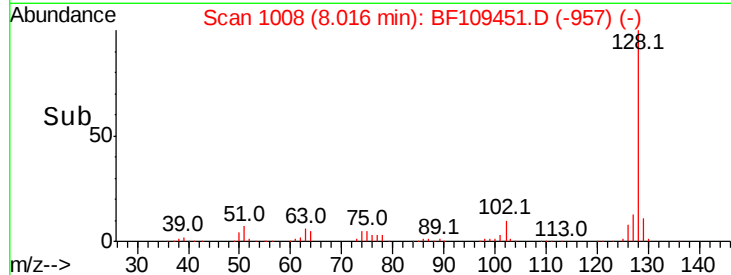
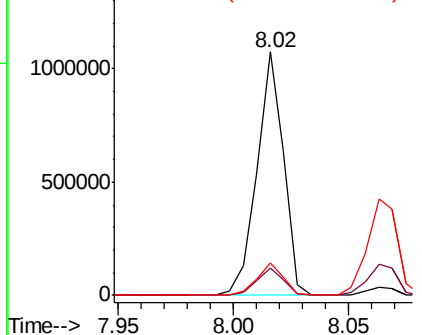


Abundance

Ion 128.00 (127.70 to 128.70): E

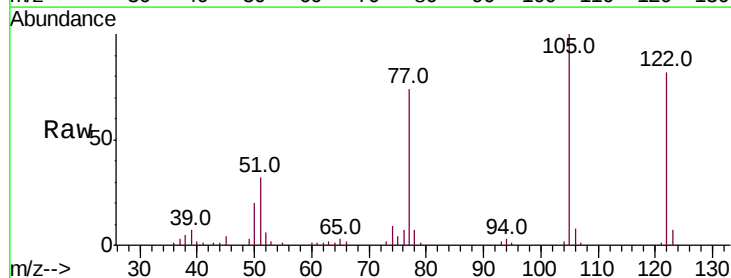
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 29.937 ng m
RT: 7.77 min Scan# 967
Delta R.T. -0.05 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.3	101.1	141.1
77	89.5	70.7	110.7

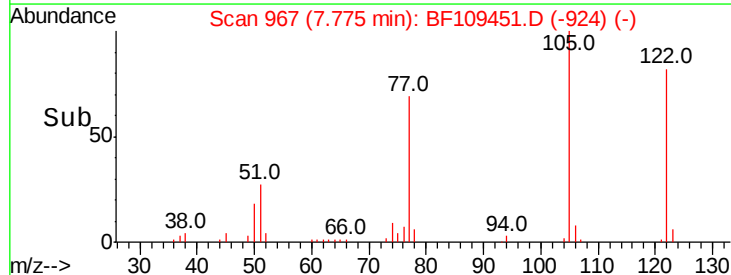
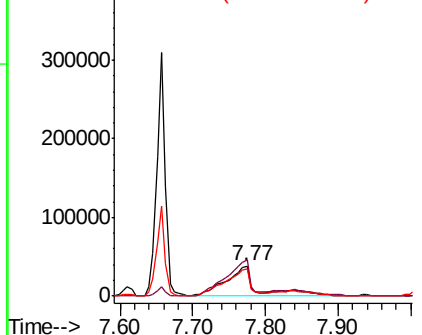


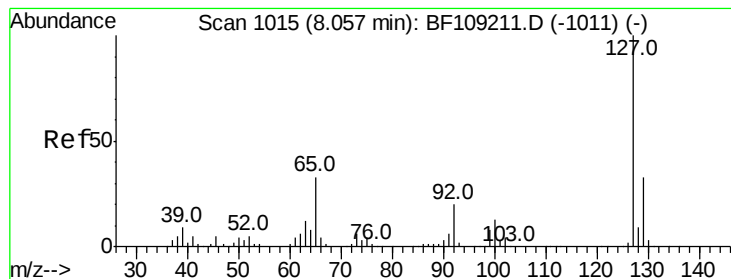
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





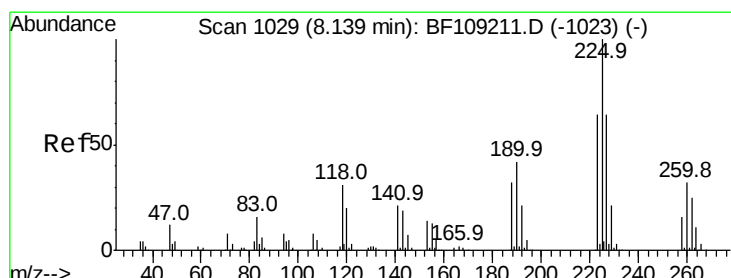
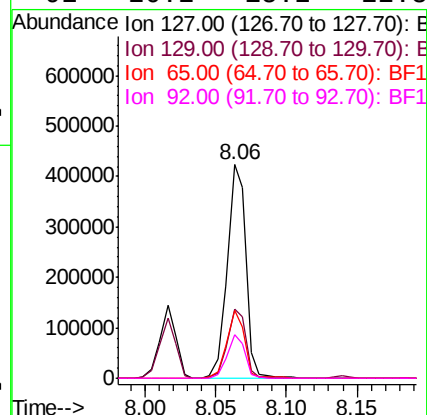
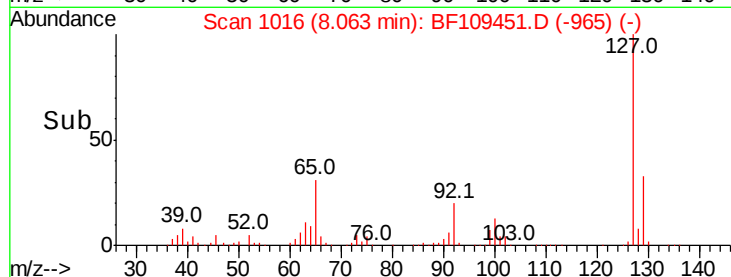
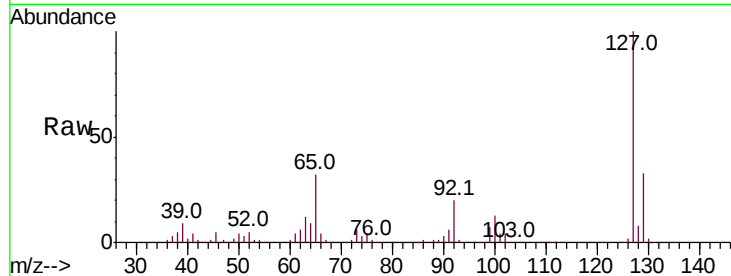
#33
4-Chloroaniline
Concen: 39.933 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.9	38.9
65	31.7	25.0	37.4
92	20.2	15.2	22.8

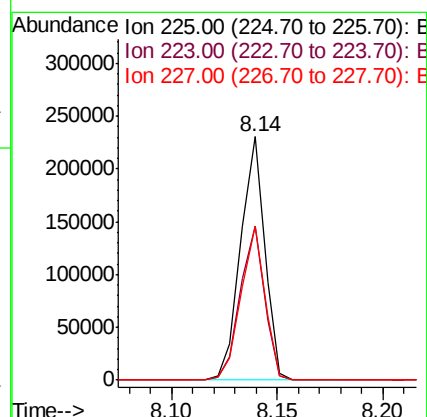
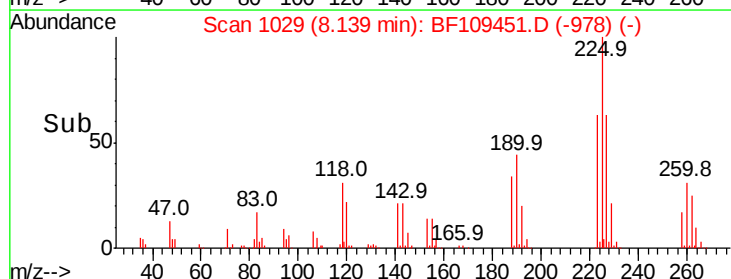
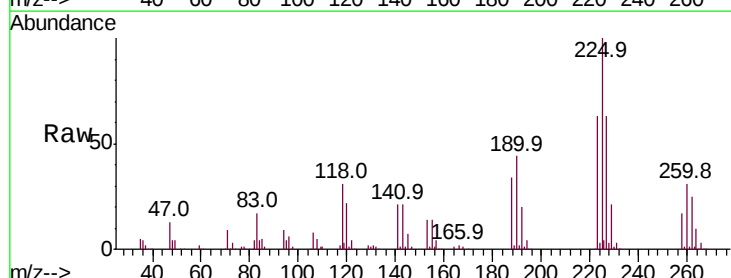
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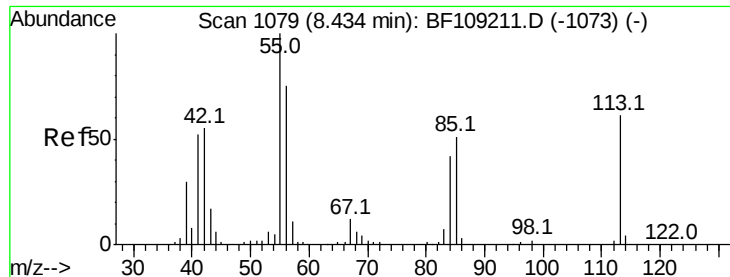
Sohil
10/1/2018 9:57:32 AM



#34
Hexachlorobutadiene
Concen: 40.617 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

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





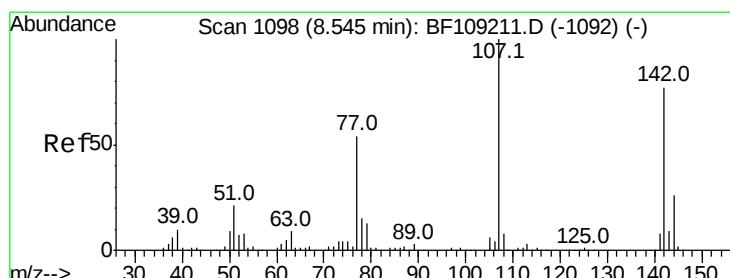
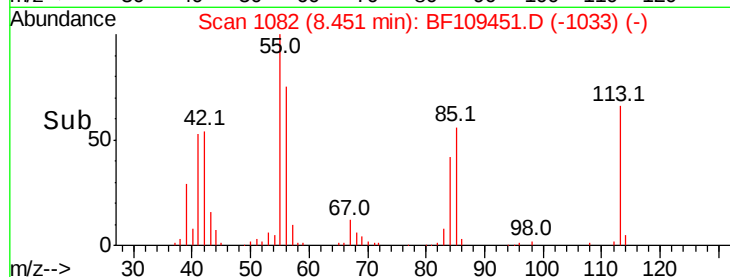
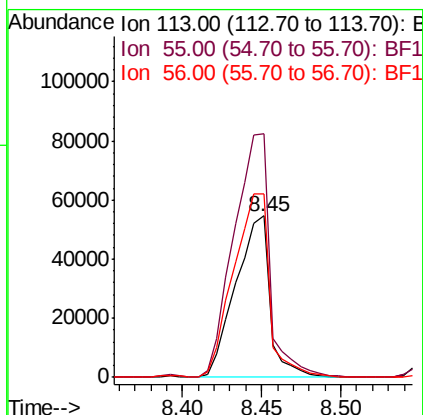
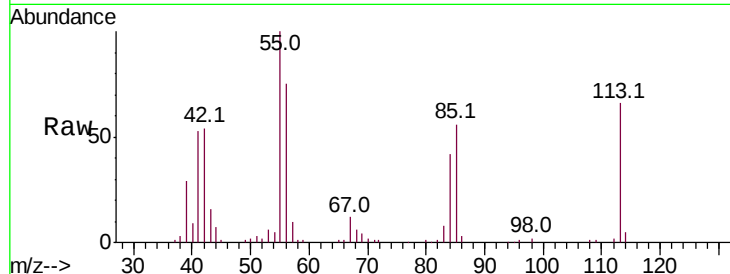
#35
 Caprolactam
 Concen: 38.766 ng
 RT: 8.45 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
113	100		
55	151.1	163.3	203.3#
56	113.6	115.7	155.7#

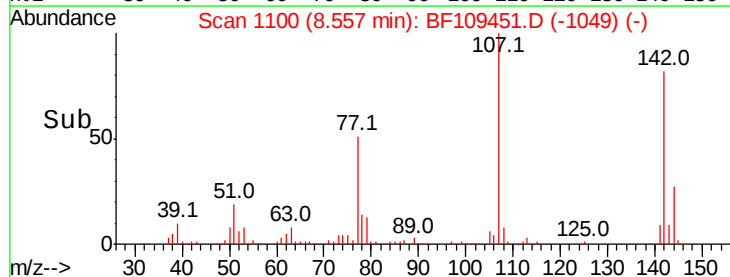
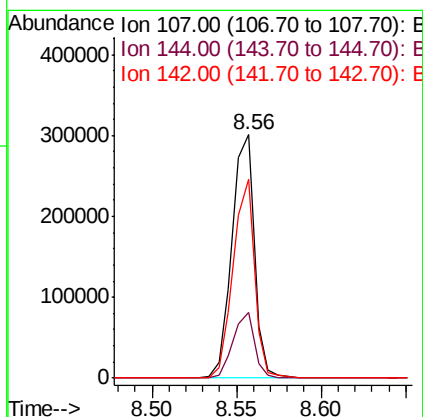
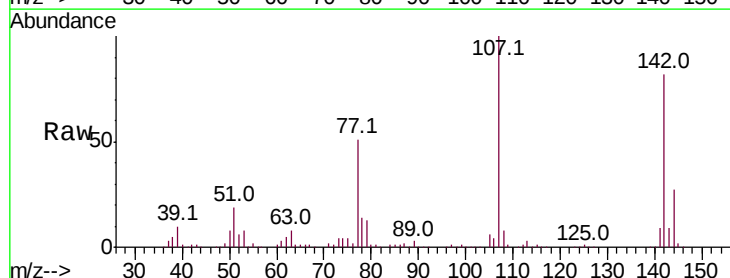
Manual Integrations
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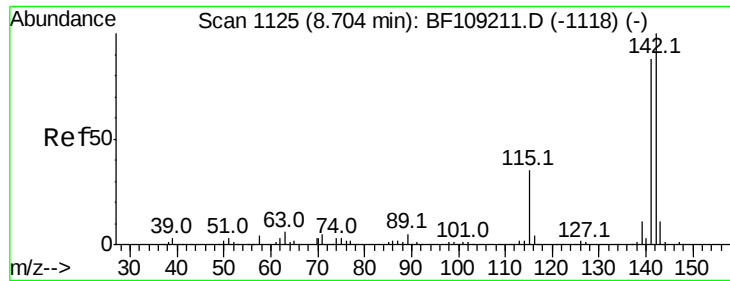
Sohil
 10/1/2018 9:57:32 AM



#36
 4-Chloro-3-methylphenol
 Concen: 39.796 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
107	100		
144	27.2	20.5	30.7
142	81.6	62.0	93.0





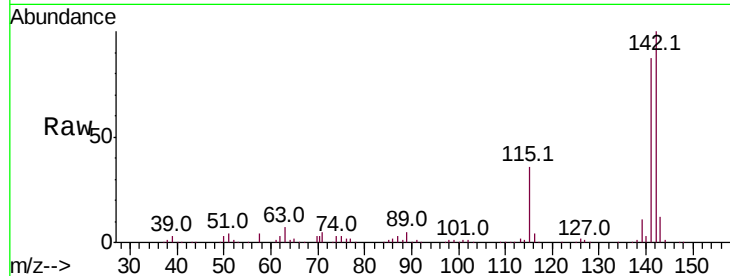
#37
2-Methylnaphthalene
Concen: 39.283 ng
RT: 8.70 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	562934		
141	87.4		70.8	106.2
115	35.7		26.1	39.1

Manual Integrations
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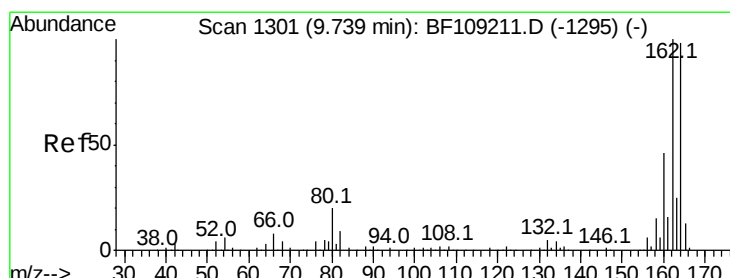
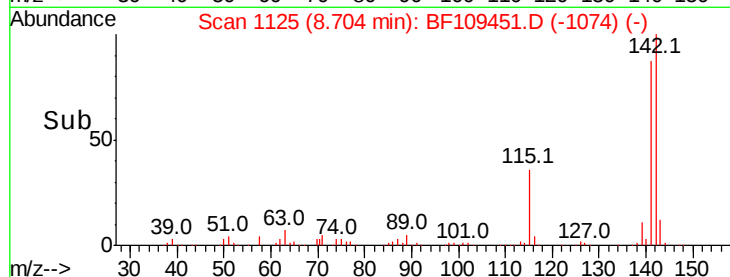
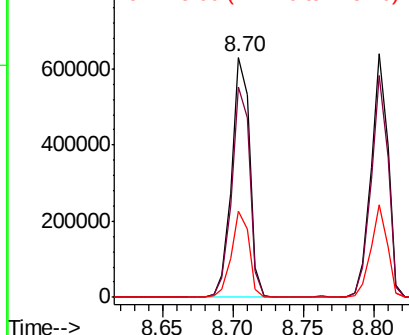


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.75 min Scan# 1302
Delta R.T. 0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

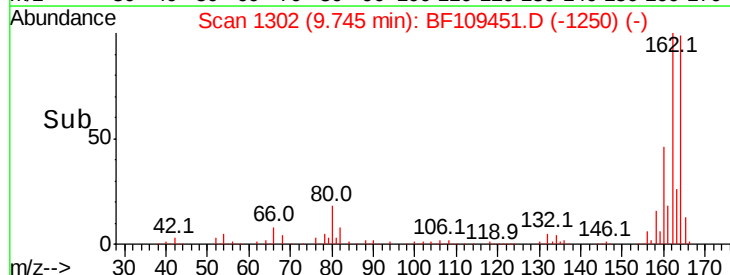
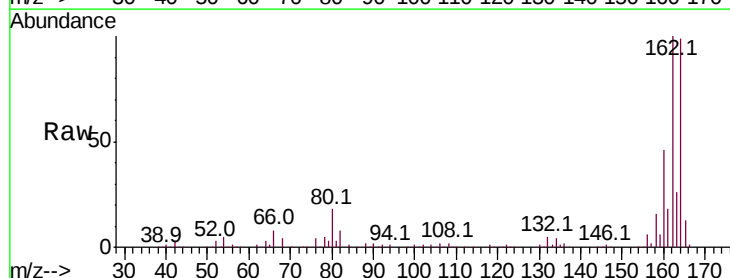
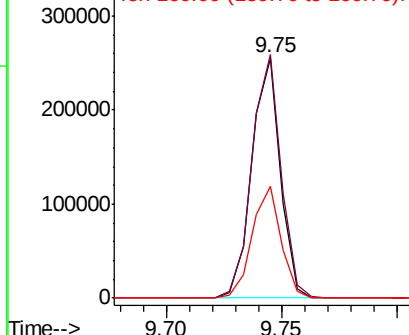
Tgt Ion	Ratio	Resp	Lower	Upper
164	100	220180		
162	101.5		86.1	129.1
160	46.3		38.3	57.5

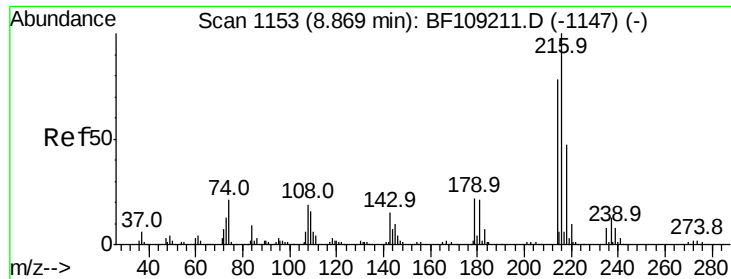
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





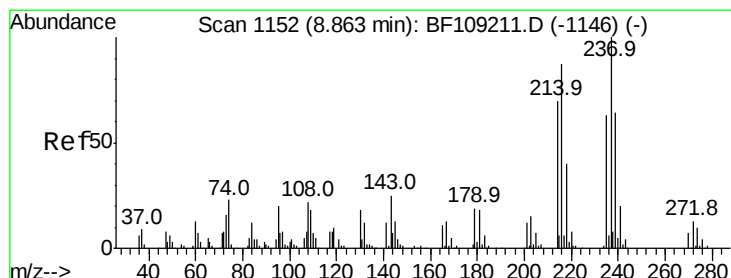
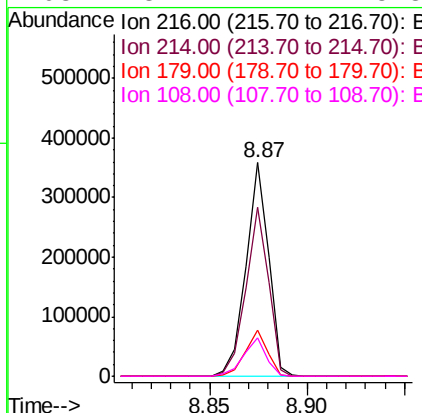
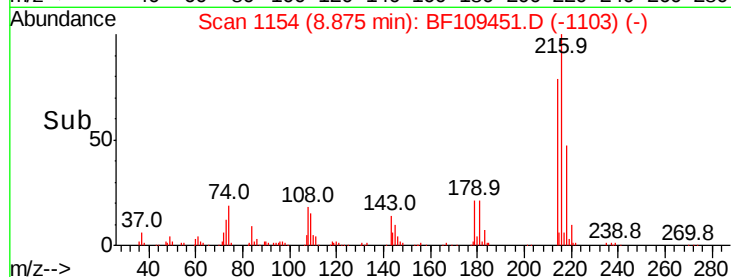
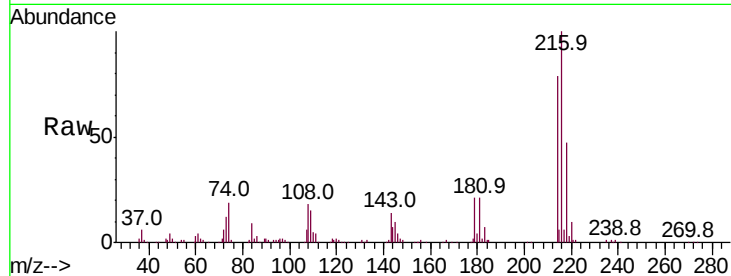
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 41.146 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
216	100	288323		
214	79.2	63.0	94.4	
179	21.1	18.1	27.1	
108	18.4	17.2	25.8	

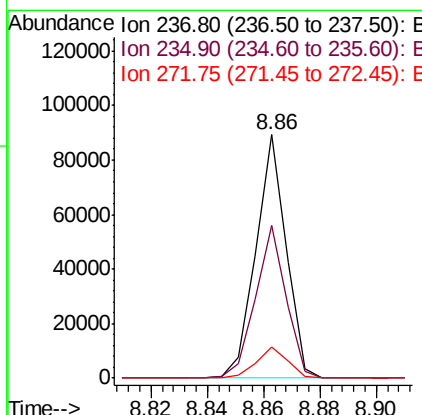
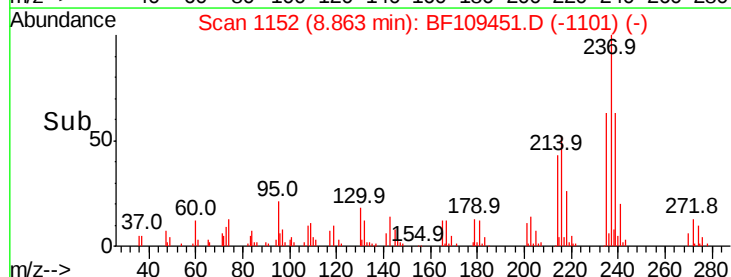
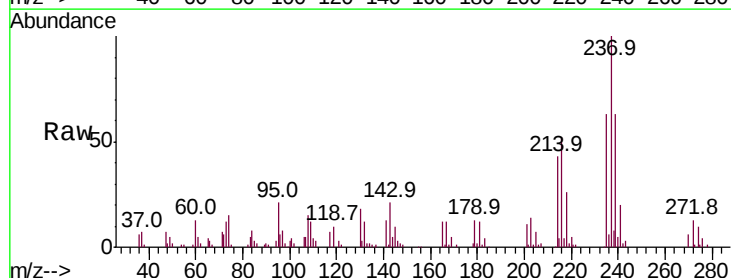
Manual Integrations
 APPROVED

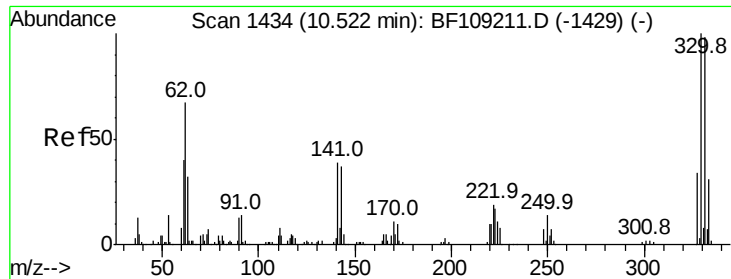
Sohil
 10/1/2018 9:57:32 AM



#40
 Hexachlorocyclopentadiene
 Concen: 21.745 ng
 RT: 8.86 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	66460		
235	62.7	44.8	84.8	
272	12.8	0.0	33.3	





#41

2,4,6-Tribromophenol

Concen: 77.580 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.00 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Instrument :

BNA_F

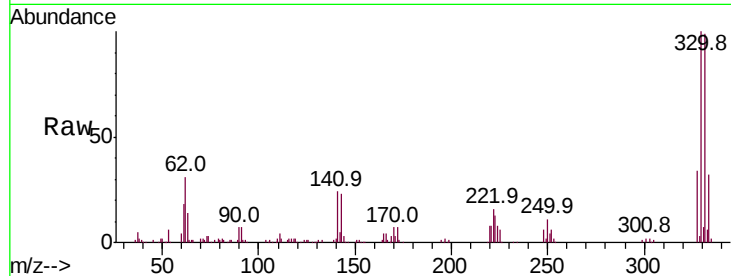
ClientSampleId :

SSTDCCC040

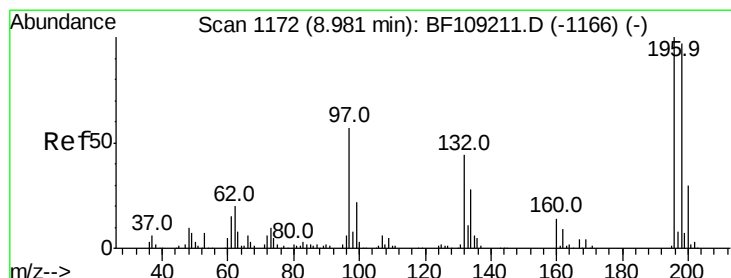
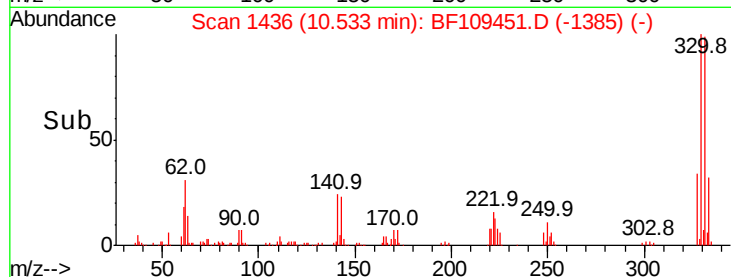
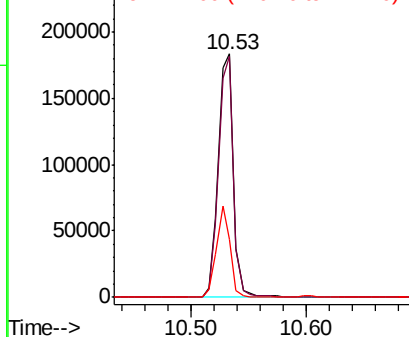
Tot Ion:	330	Resp:	168388
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.0	115.6
141	33.6	29.9	44.9

Manual Integrations
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Sohil
10/1/2018 9:57:32 AM



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



#42

2,4,6-Trichlorophenol

Concen: 42.517 ng

RT: 8.99 min Scan# 1173

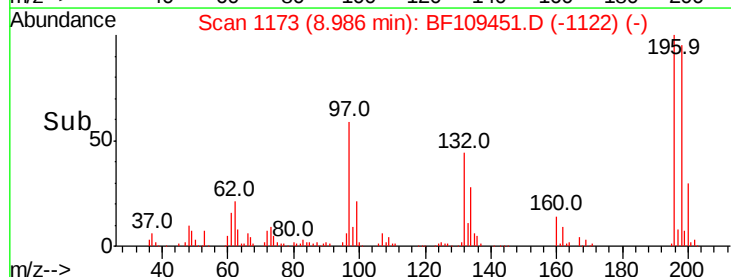
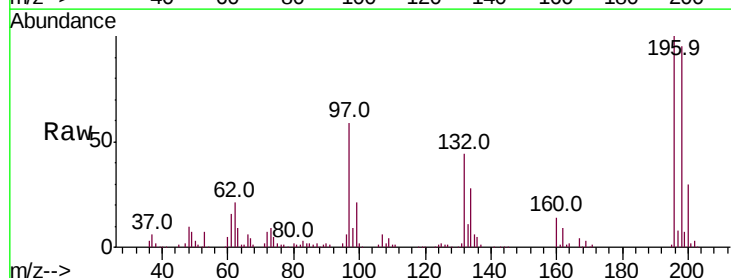
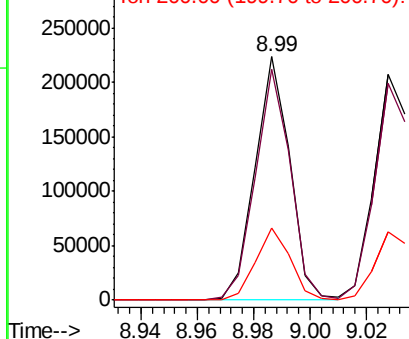
Delta R.T. 0.00 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Tgt Ion:	196	Resp:	191213
Ion Ratio	Lower	Upper	
196	100		
198	94.6	75.7	113.5
200	29.6	24.5	36.7

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





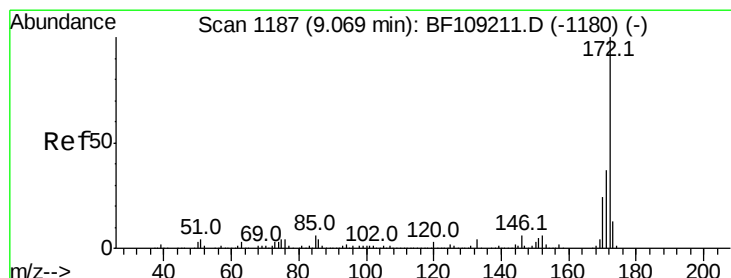
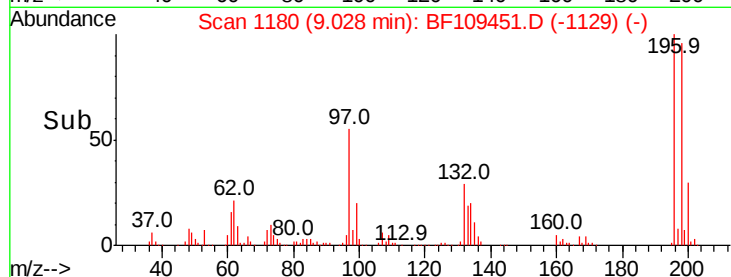
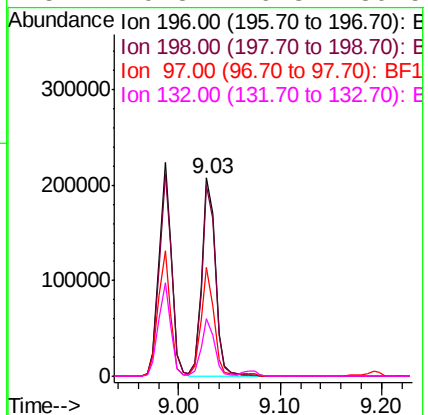
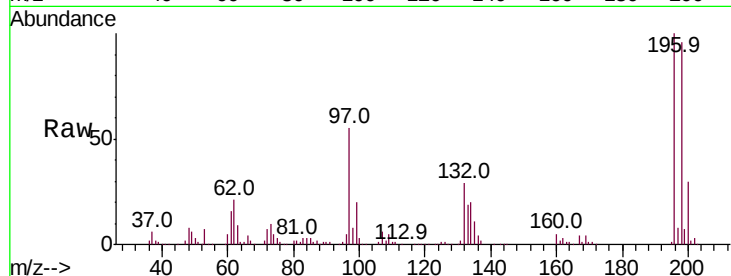
#43
 2,4,5-Trichlorophenol
 Concen: 41.127 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:196	Resp: 195347
Ion Ratio	Lower Upper
196 100	
198 95.9	74.6 112.0
97 55.1	42.9 64.3
132 29.3	26.3 39.5

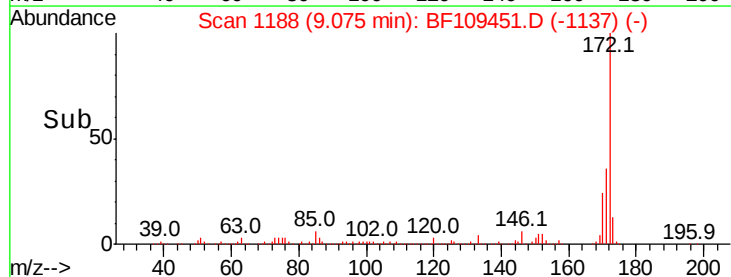
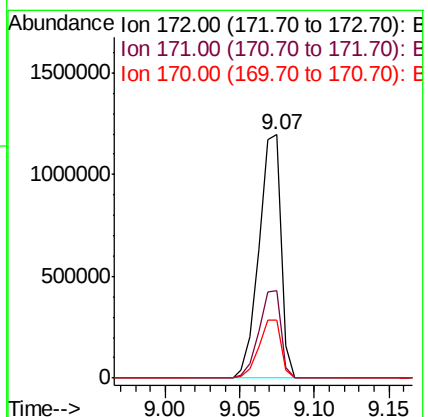
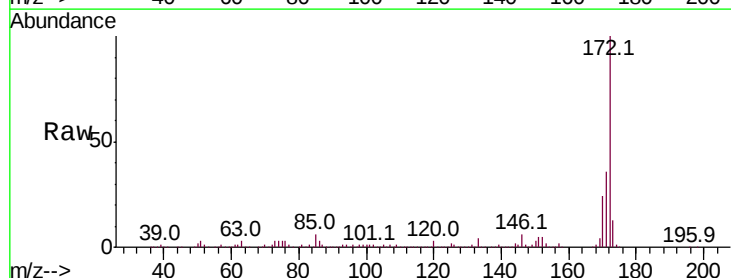
Manual Integrations
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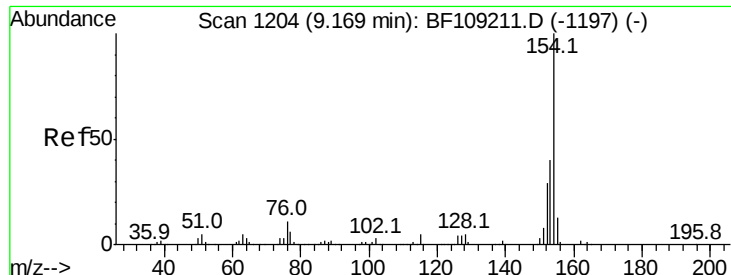
Sohil
 10/1/2018 9:57:32 AM



#44
 2-Fluorobiphenyl
 Concen: 82.691 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Tgt Ion:172	Resp: 1207195
Ion Ratio	Lower Upper
172 100	
171 36.0	29.7 44.5
170 23.9	19.6 29.4





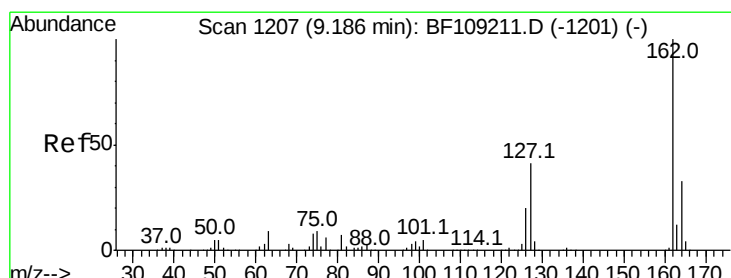
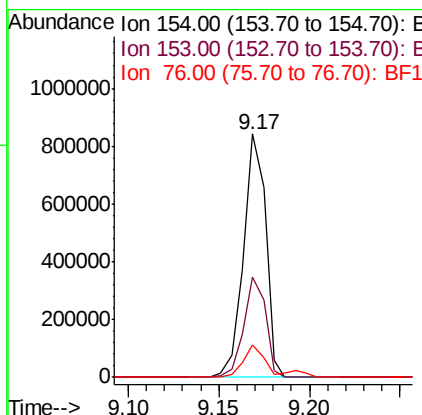
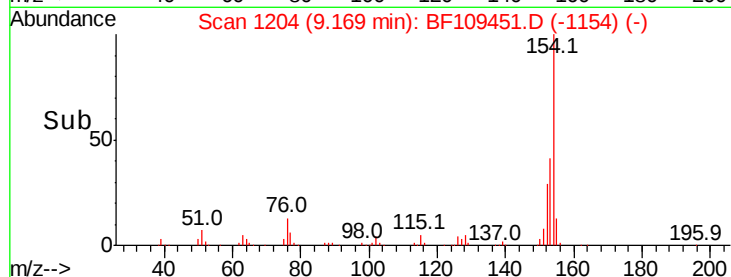
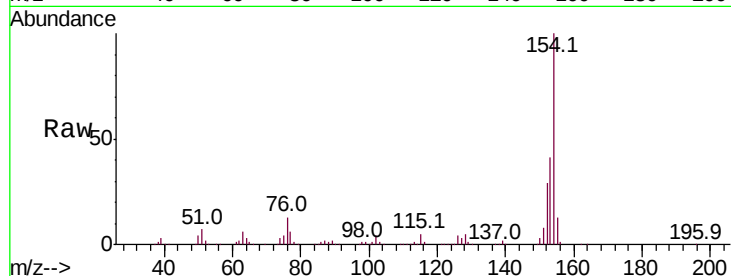
#45
 1,1'-Biphenyl
 Concen: 39.711 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	41.3	21.3	61.3	
76	13.3	0.0	34.0	

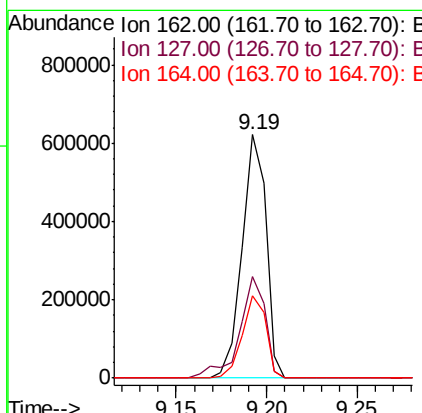
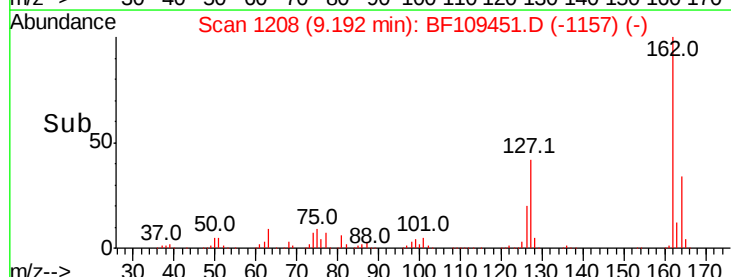
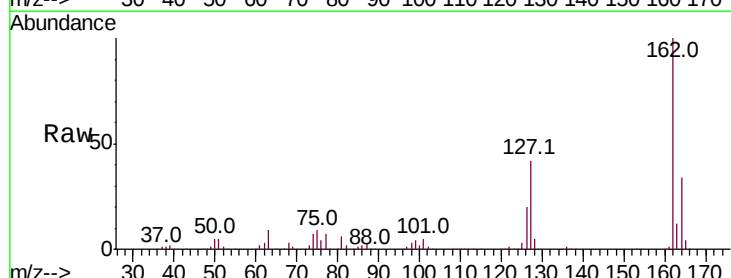
Manual Integrations
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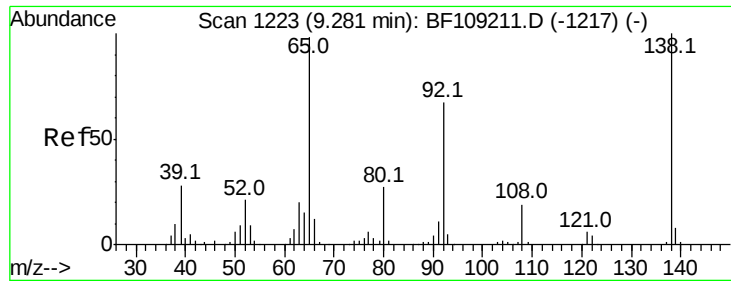
Sohil
 10/1/2018 9:57:32 AM



#46
 2-Chloronaphthalene
 Concen: 39.909 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.9	33.9	50.9	
164	33.6	26.5	39.7	





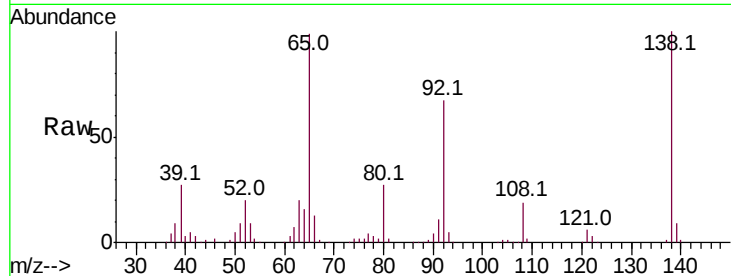
#47
2-Nitroaniline
Concen: 44.743 ng
RT: 9.29 min Scan# 1224
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	68.2	55.8	83.6
138	101.5	91.2	136.8

Manual Integrations
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Sohil
10/1/2018 9:57:32 AM

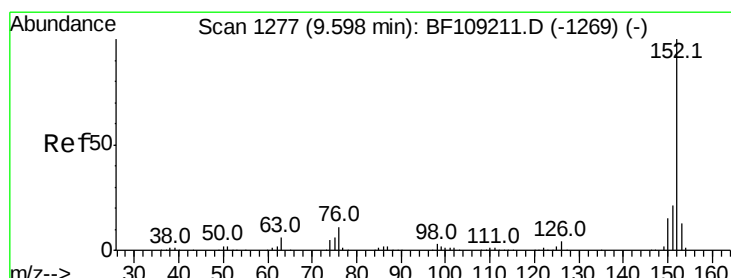
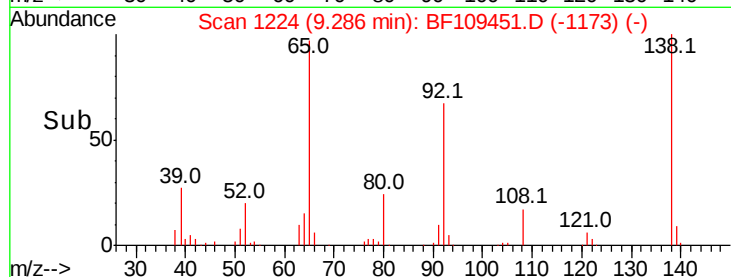
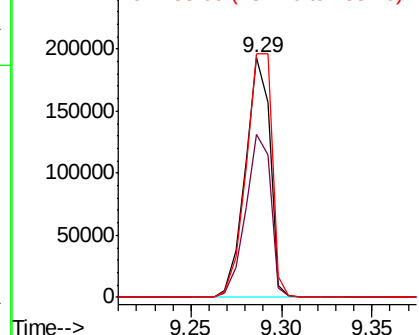


Abundance

Ion 65.00 (64.70 to 65.70): BF1

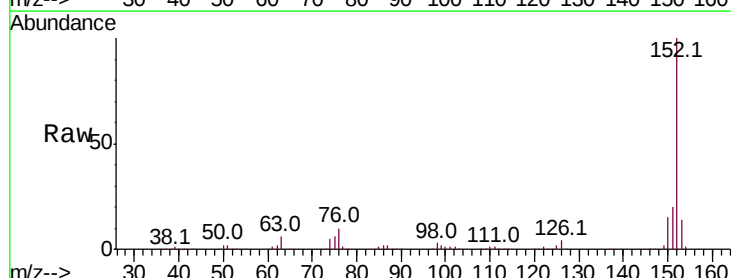
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#48
Acenaphthylene
Concen: 38.724 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.6	10.7	16.1

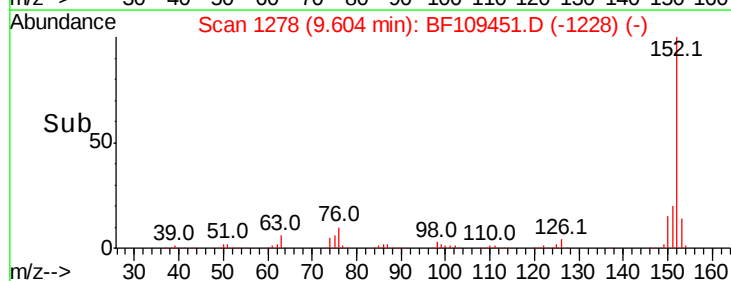
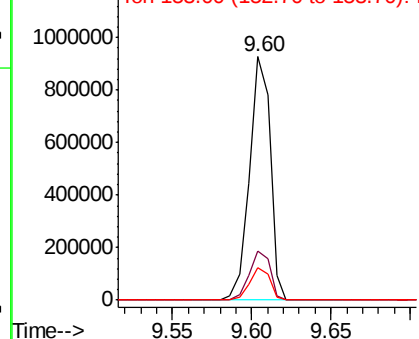


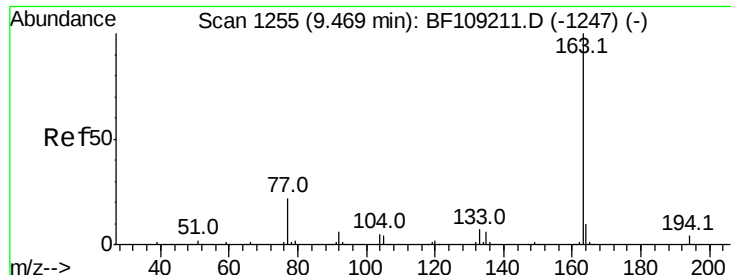
Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





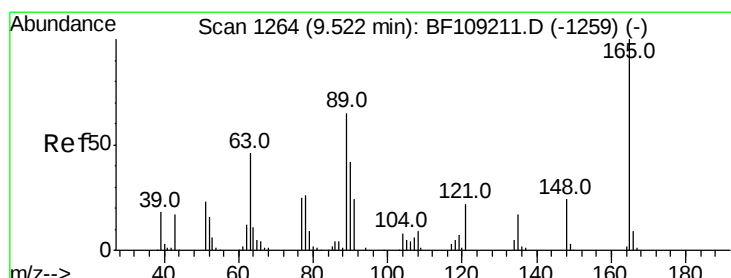
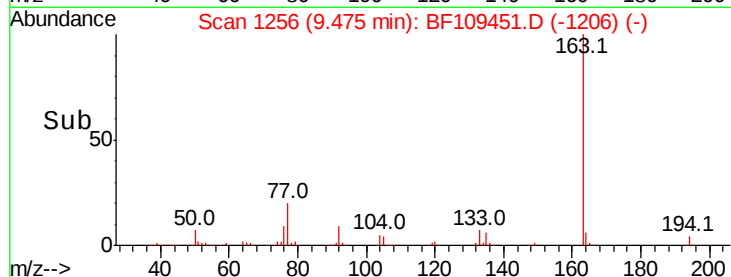
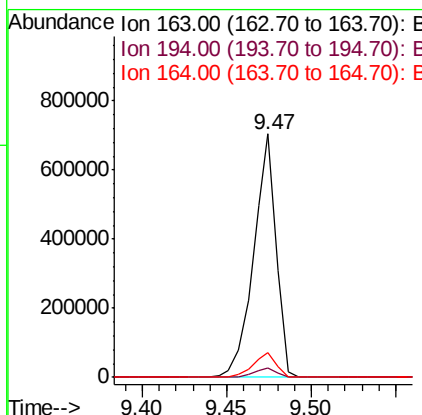
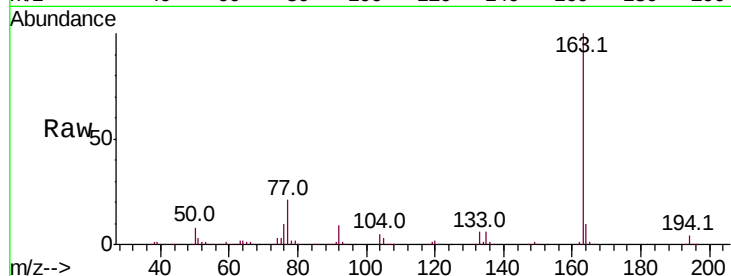
#49
Dimethylphthalate
Concen: 40.844 ng
RT: 9.47 min Scan# 1256
Delta R.T. -0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100	654102		
194	3.9		2.7	4.1
164	10.1		8.2	12.2

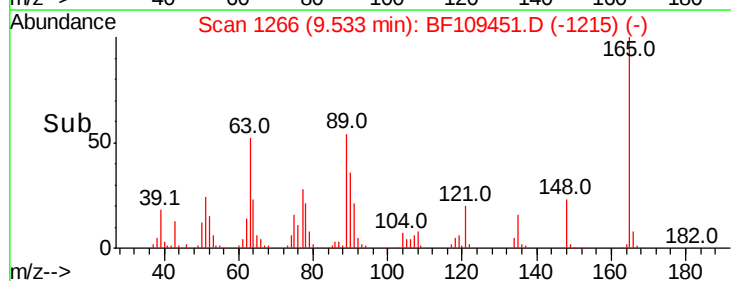
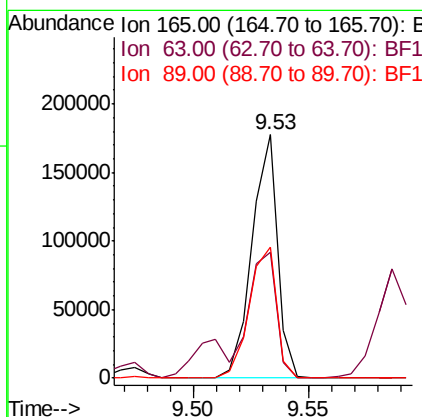
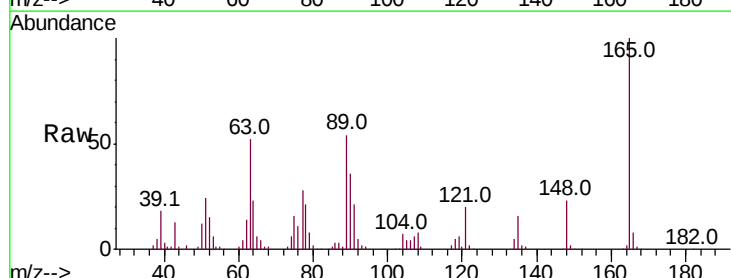
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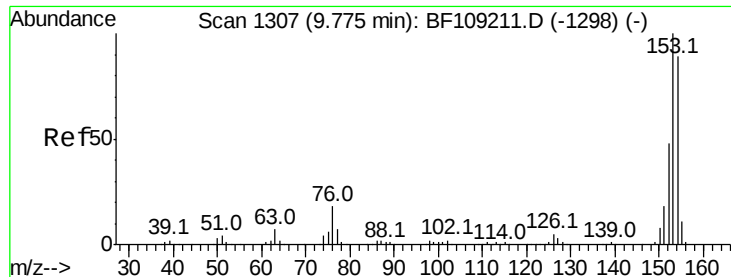
Sohil
10/1/2018 9:57:32 AM



#50
2,6-Dinitrotoluene
Concen: 43.465 ng
RT: 9.53 min Scan# 1266
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	137858		
63	51.5		44.7	67.1
89	53.6		44.0	66.0





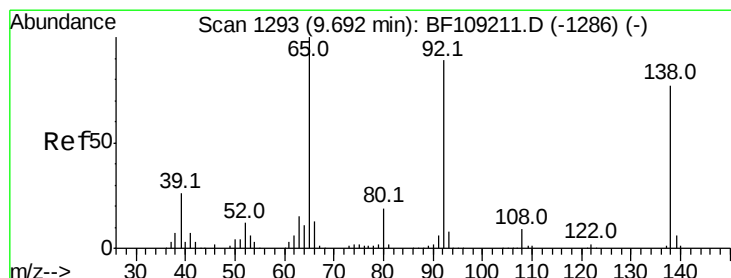
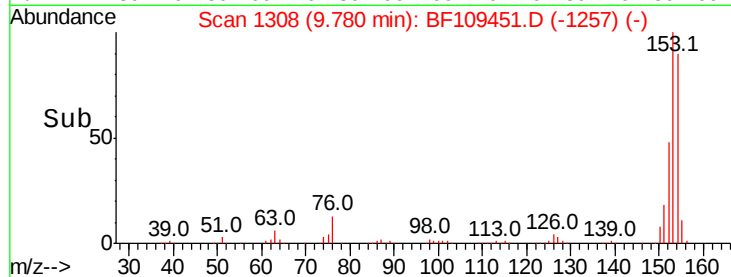
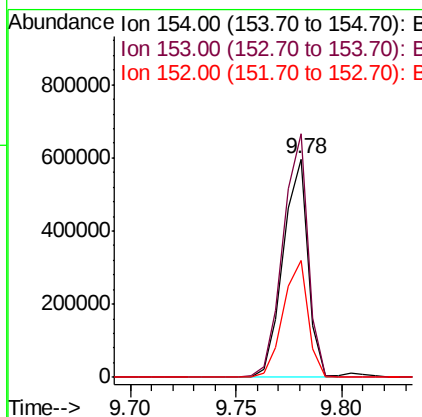
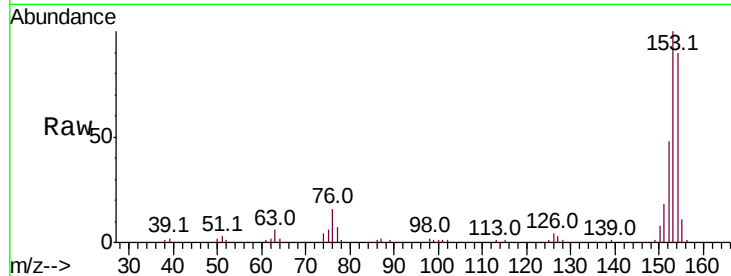
#51
Acenaphthene
Concen: 37.752 ng
RT: 9.78 min Scan# 1308
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	111.5	91.2	136.8
152	53.8	43.8	65.8

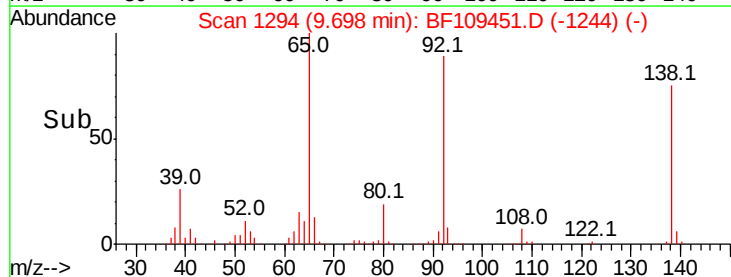
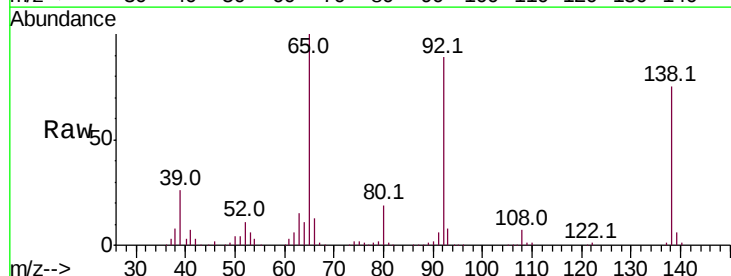
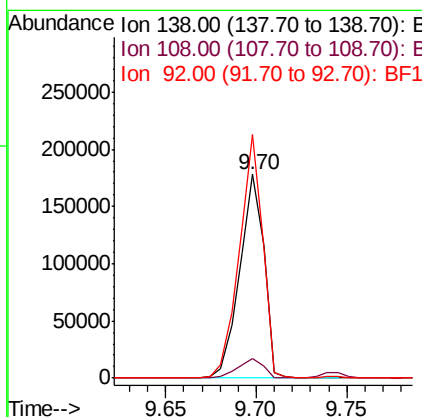
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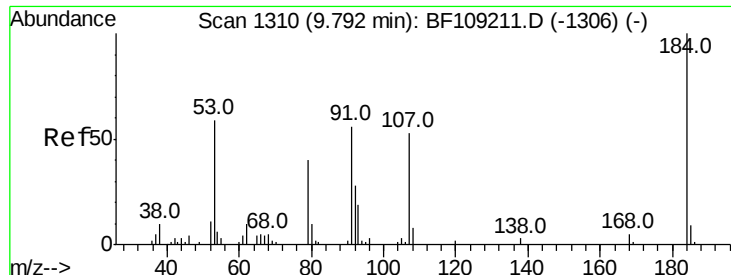
Sohil
10/1/2018 9:57:32 AM



#52
3-Nitroaniline
Concen: 44.918 ng
RT: 9.70 min Scan# 1294
Delta R.T. -0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
138	100		
108	9.9	9.4	14.0
92	119.5	89.4	134.2





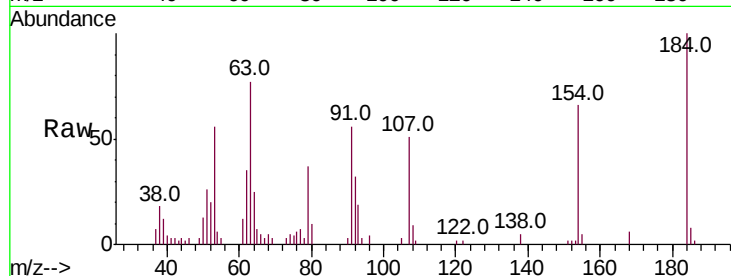
#53
2,4-Dinitrophenol
Concen: 23.184 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

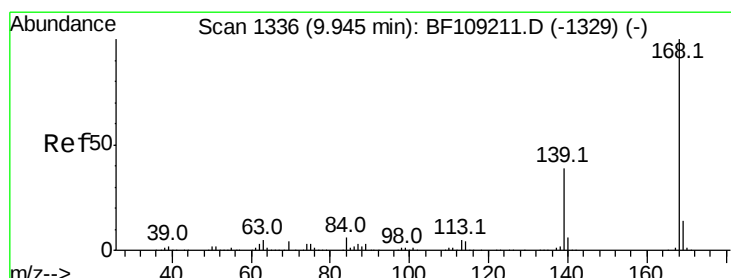
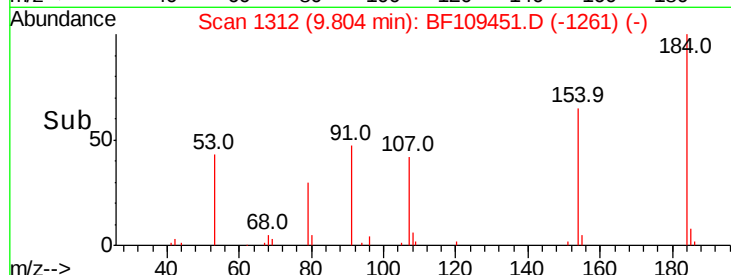
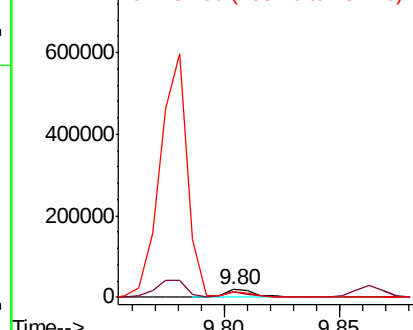
Tot Ion	Ratio	Lower	Upper
184	100		
63	76.9	54.2	81.2
154	66.4	184.0	276.0#

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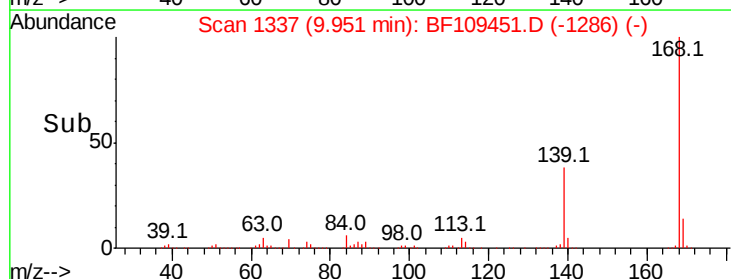
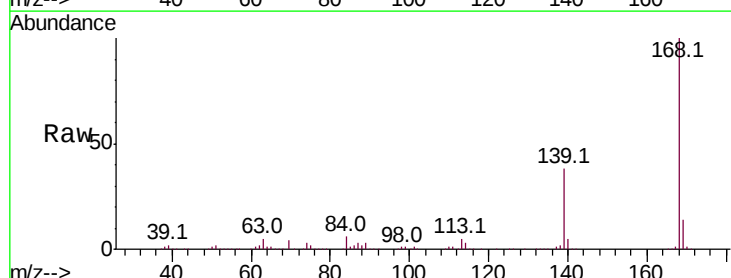
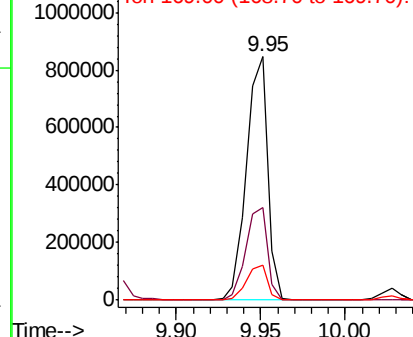
Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

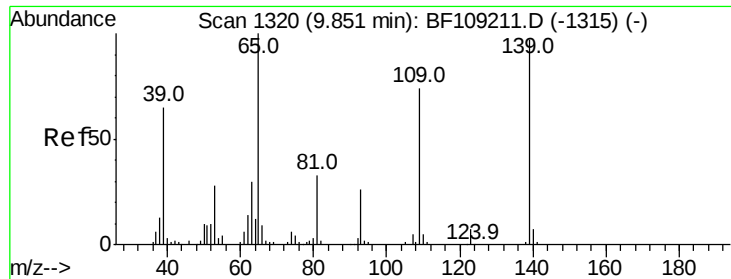


#54
Dibenzofuran
Concen: 38.236 ng
RT: 9.95 min Scan# 1337
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.1	30.1	45.1
169	14.1	10.9	16.3

Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 33.270 ng

RT: 9.86 min Scan# 1322

Delta R.T. 0.00 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:139 Resp: 92058

Ion Ratio Lower Upper

139 100

109 72.3 48.4 88.4

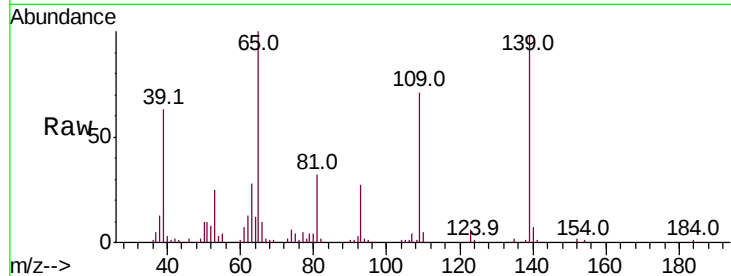
65 101.6 72.6 112.6

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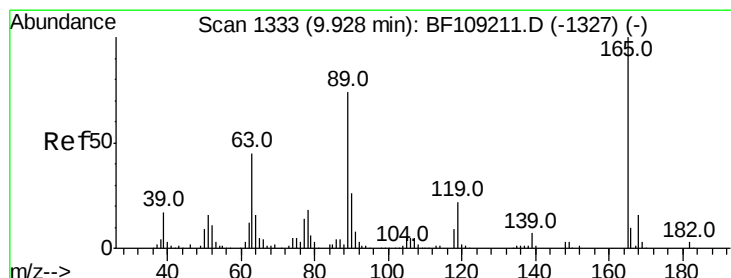
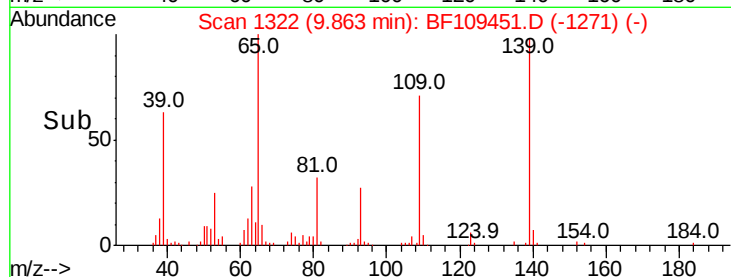
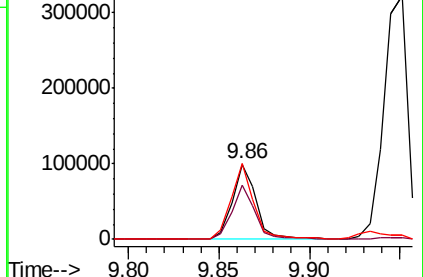
10/1/2018 9:57:32 AM



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



#56

2,4-Dinitrotoluene

Concen: 42.631 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.01 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Tgt Ion:165 Resp: 171084

Ion Ratio Lower Upper

165 100

63 47.9 36.4 54.6

89 76.5 57.8 86.6

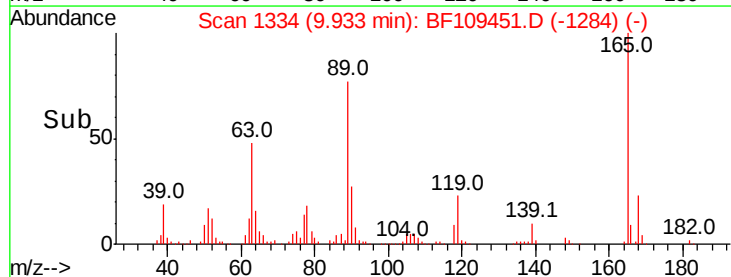
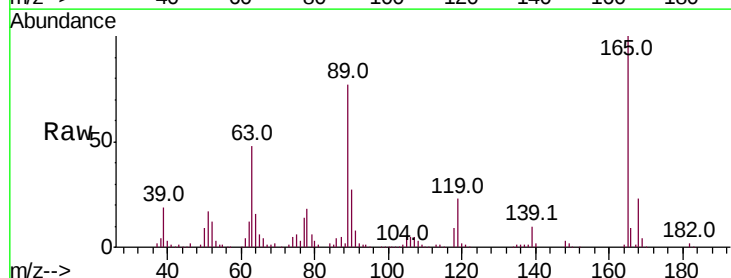
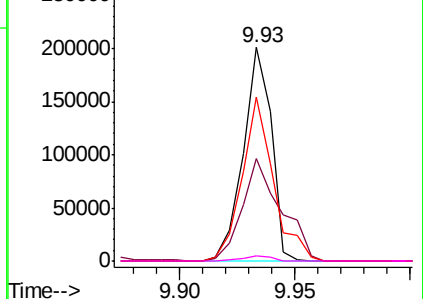
182 2.5 1.6 2.4#

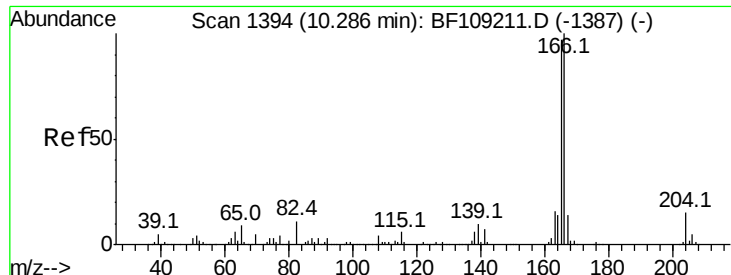
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E





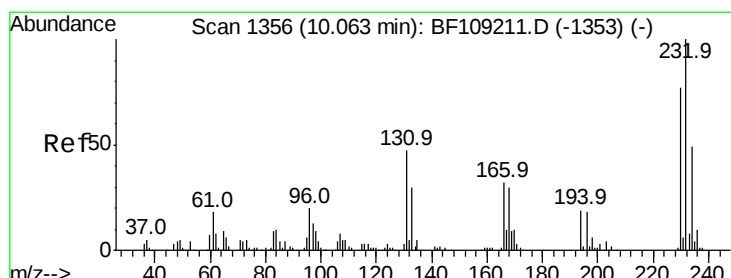
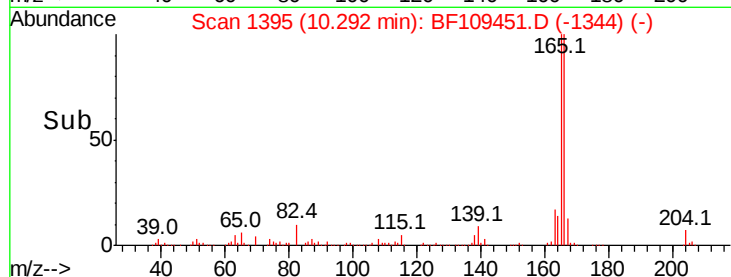
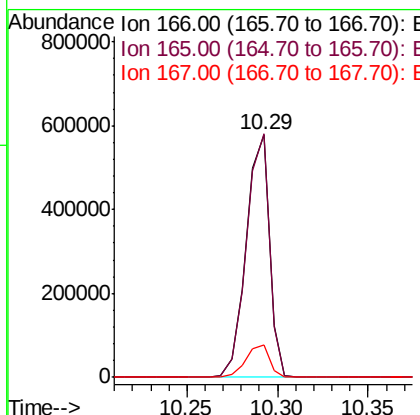
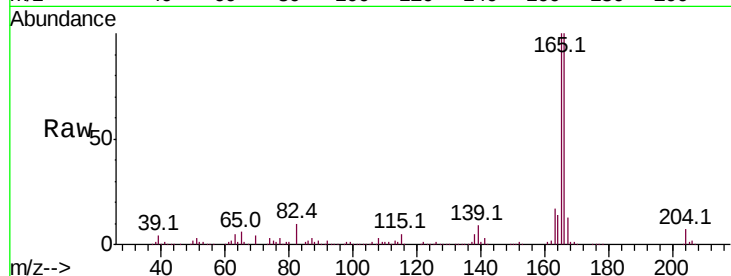
#57
 Fluorene
 Concen: 37.267 ng
 RT: 10.29 min Scan# 1395
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	100.3	79.8	119.8	
167	13.3	10.6	16.0	

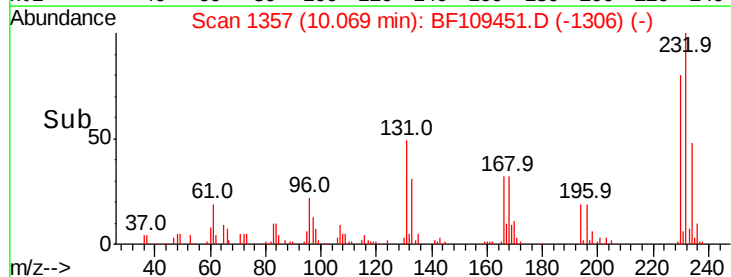
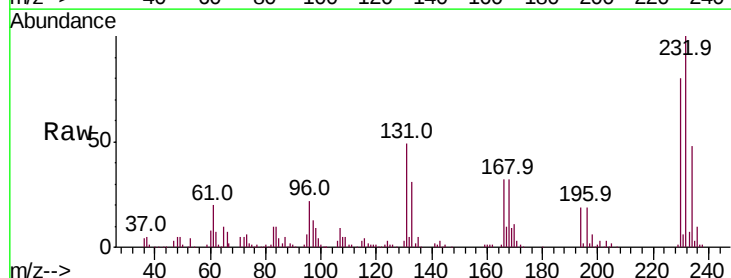
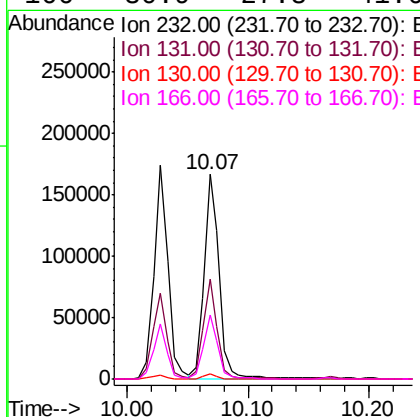
Manual Integrations
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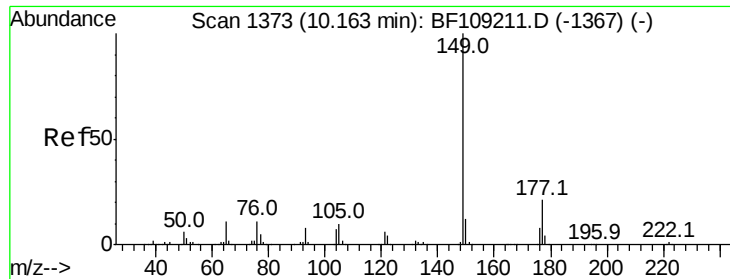
Sohil
 10/1/2018 9:57:32 AM



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 37.822 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
232	100			
131	45.3	43.8	65.8	
130	2.2	2.1	3.1	
166	30.9	27.8	41.6	





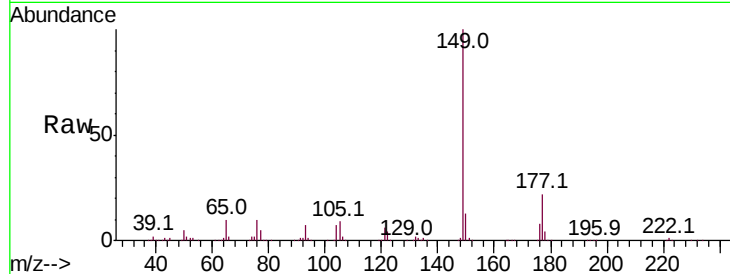
#59
Diethylphthalate
Concen: 39.465 ng
RT: 10.17 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

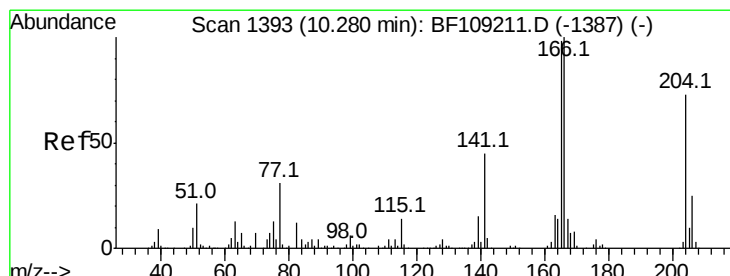
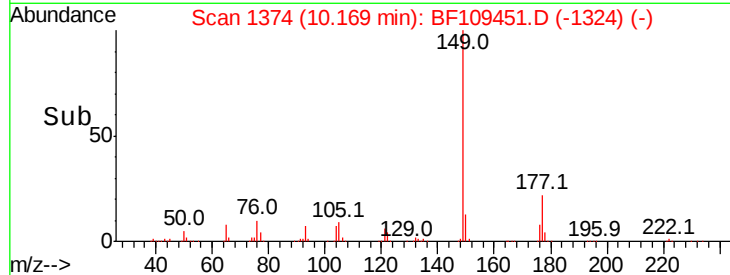
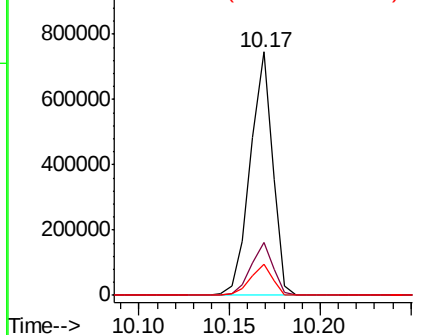
Tot Ion	Ratio	Lower	Upper
149	100		
177	21.8	16.1	24.1
150	12.5	10.1	15.1

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10/1/2018 9:57:32 AM

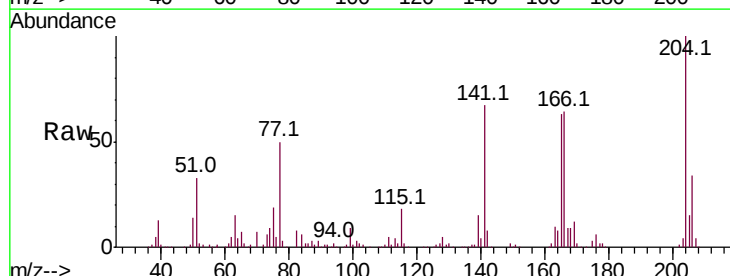


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

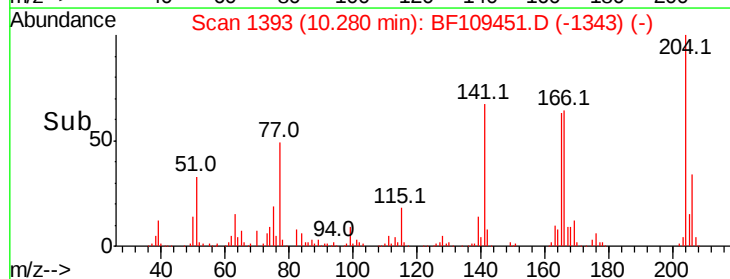
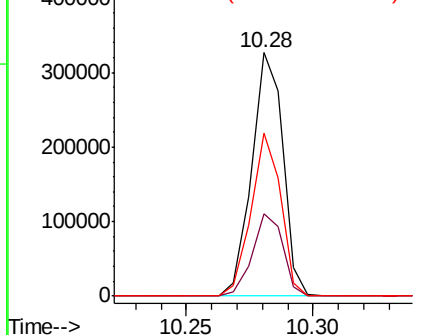


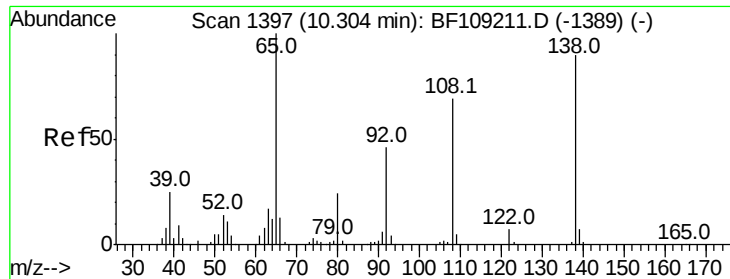
#60
4-Chlorophenyl-phenylether
Concen: 38.598 ng
RT: 10.28 min Scan# 1393
Delta R.T. -0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	67.0	54.6	81.8



Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E





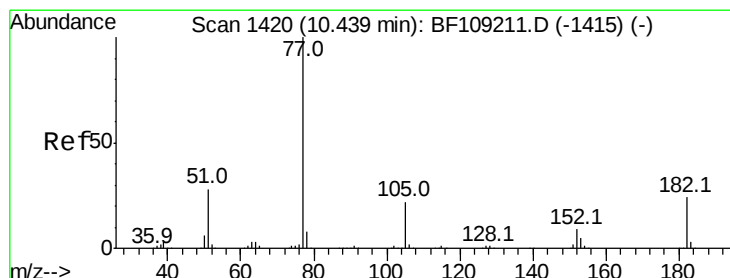
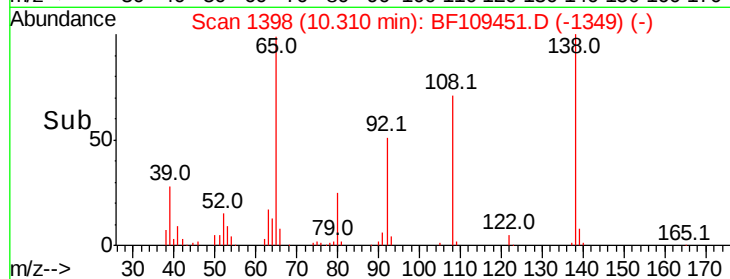
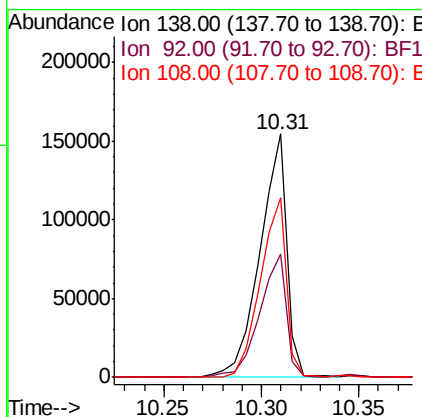
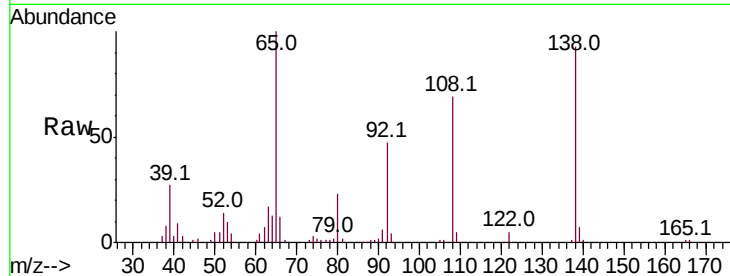
#61
4-Nitroaniline
Concen: 41.100 ng
RT: 10.31 min Scan# 1398
Delta R.T. -0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	138	Resp:	147222
Ion Ratio	Lower	Upper	
138	100		
92	50.5	30.2	70.2
108	73.8	52.5	92.5

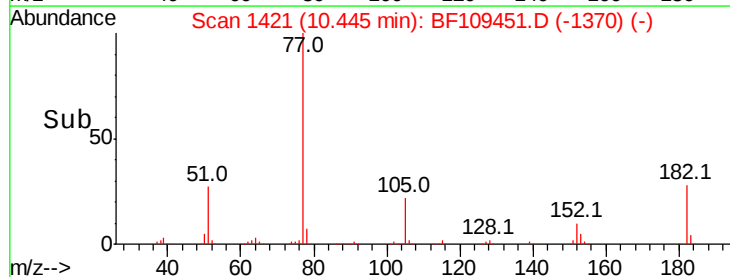
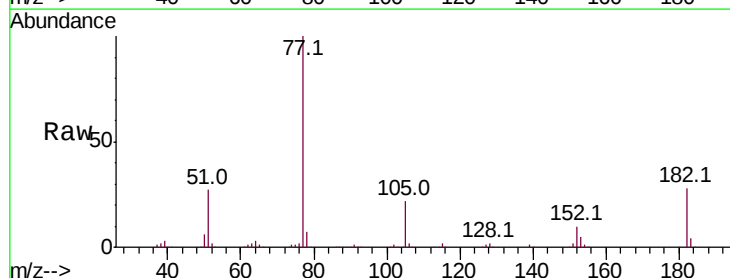
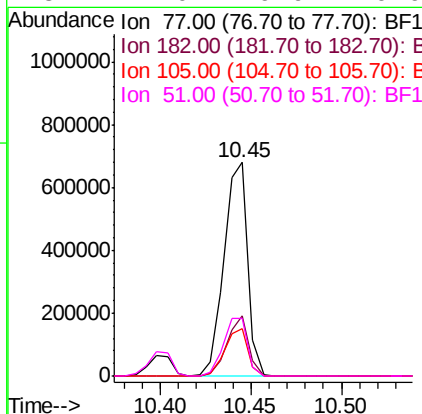
Manual Integrations
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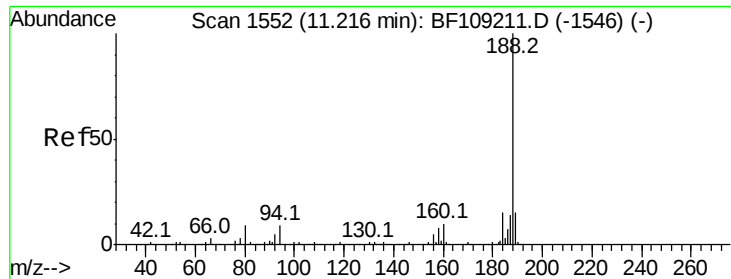
Sohil
10/1/2018 9:57:32 AM



#62
Azobenzene
Concen: 36.535 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion:	77	Resp:	615584
Ion Ratio	Lower	Upper	
77	100		
182	28.0	1.7	41.7
105	22.2	3.0	43.0
51	27.0	9.9	49.9





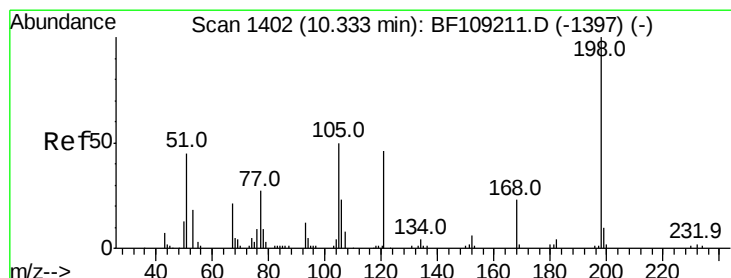
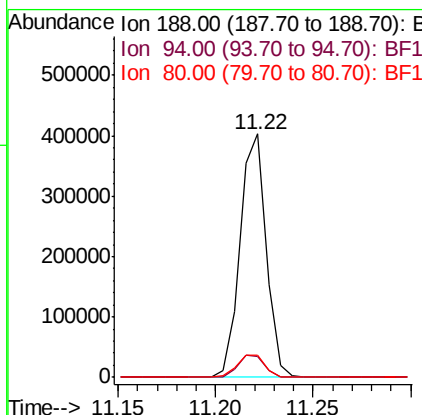
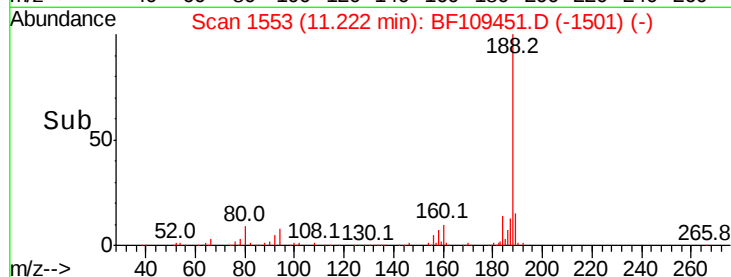
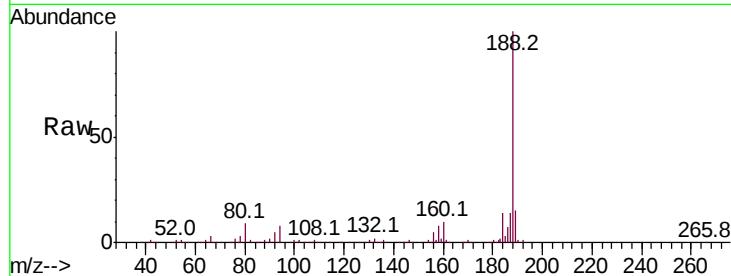
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1553
Delta R.T. 0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
188	100	372285		
94	8.4		8.5	12.7#
80	9.0		9.2	13.8#

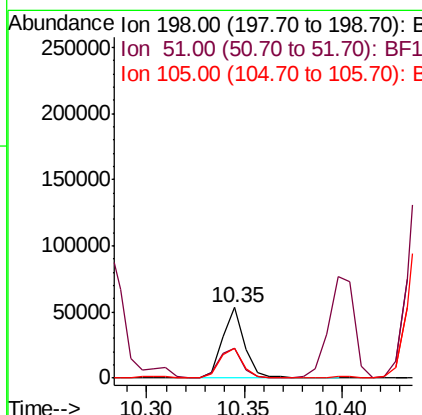
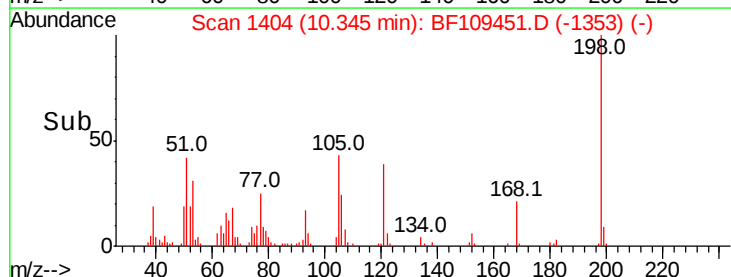
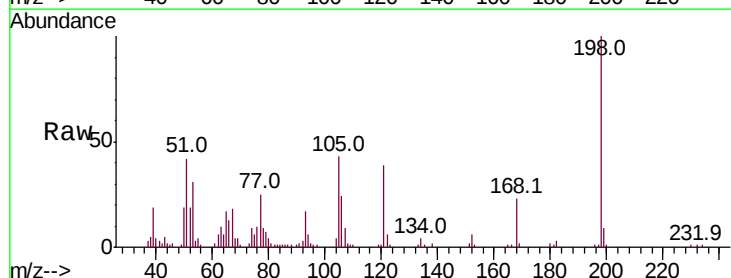
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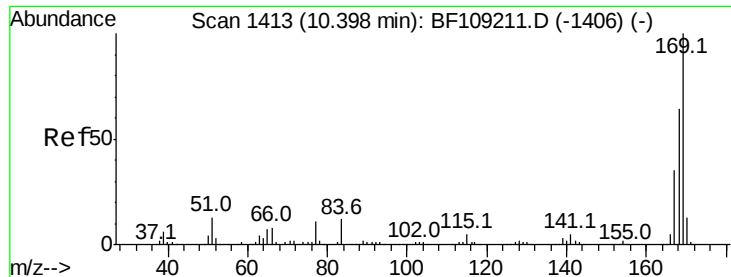
Sohil
10/1/2018 9:57:32 AM



#64
4,6-Dinitro-2-methylphenol
Concen: 30.589 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
198	100	41502		
51	41.6		37.7	77.7
105	42.7		36.3	76.3





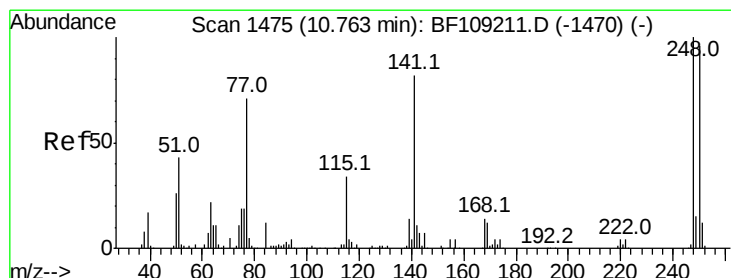
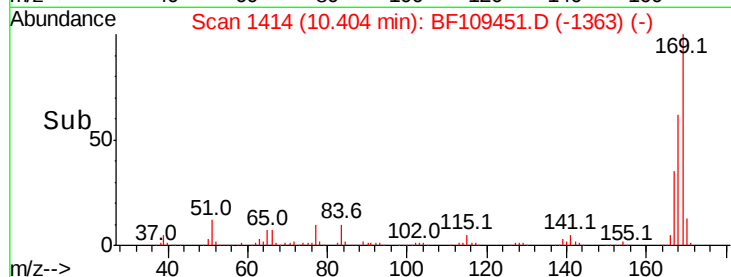
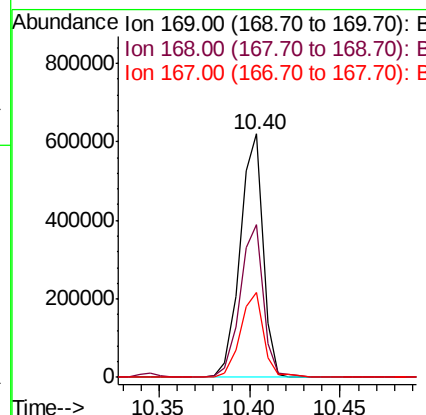
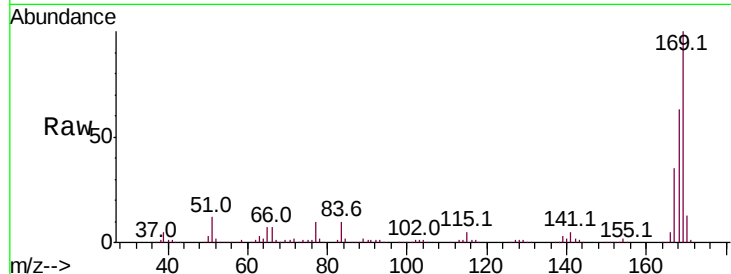
#65
n-Nitrosodiphenylamine
Concen: 44.254 ng
RT: 10.40 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
169	100	544326		
168	62.6		54.4	81.6
167	34.7		29.8	44.6

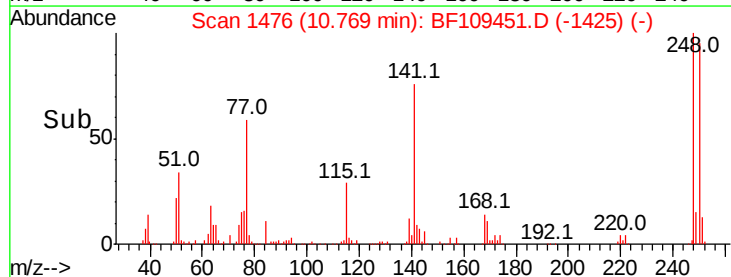
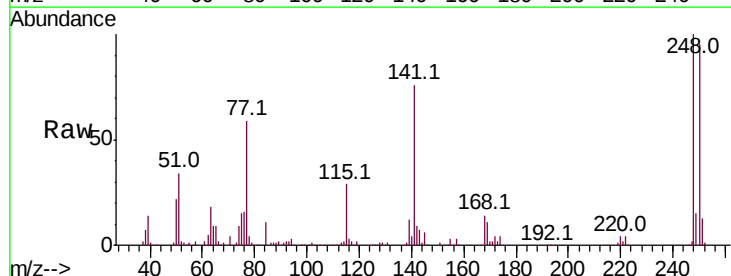
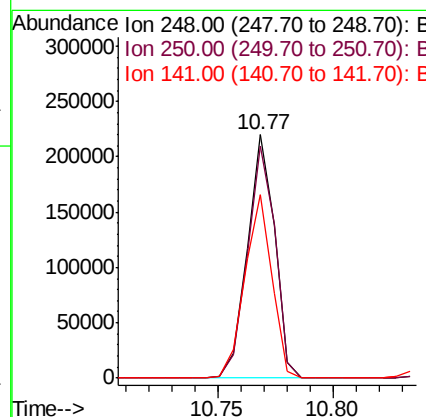
Manual Integrations
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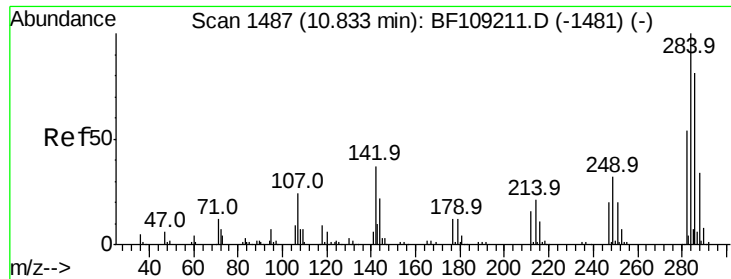
Sohil
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#66
4-Bromophenyl-phenylether
Concen: 43.889 ng
RT: 10.77 min Scan# 1476
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	181440		
250	95.1		76.9	115.3
141	75.6		74.4	111.6





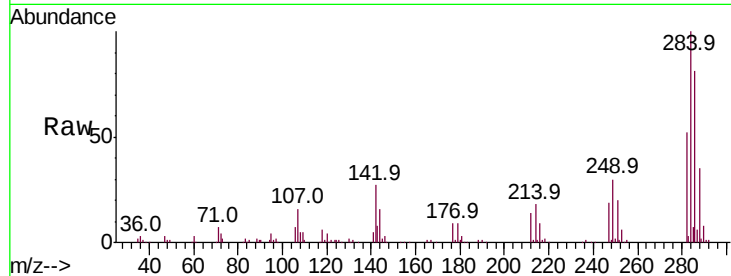
#67
Hexachlorobenzene
Concen: 42.188 ng
RT: 10.85 min Scan# 1489
Delta R.T. 0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
284	100	185234		
142	27.3	34.6	52.0#	
249	29.9	24.8	37.2	

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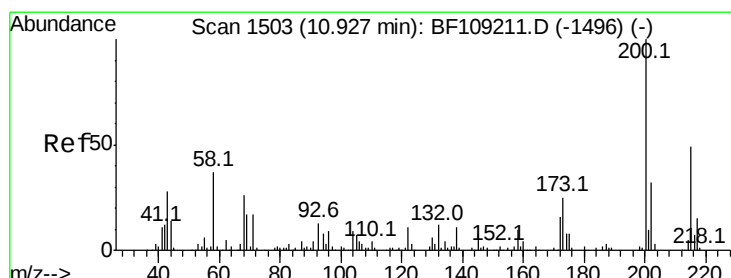
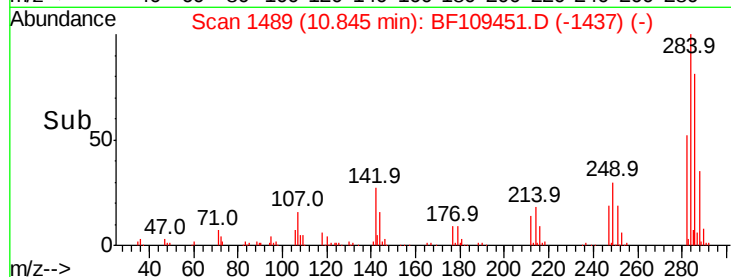
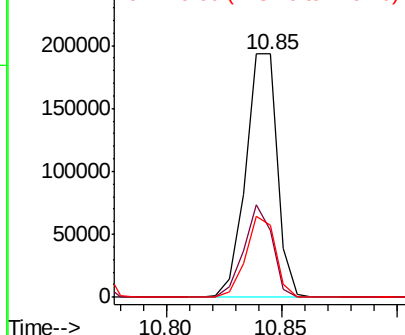


Abundance

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: 41.493 ng
RT: 10.93 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

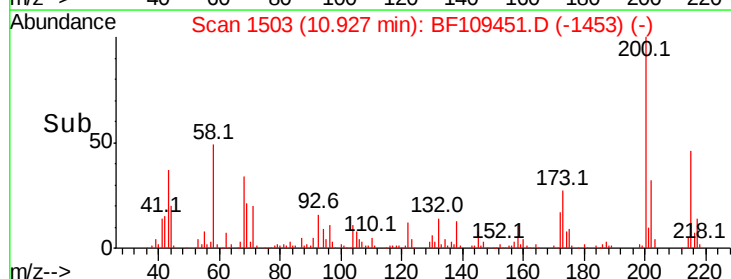
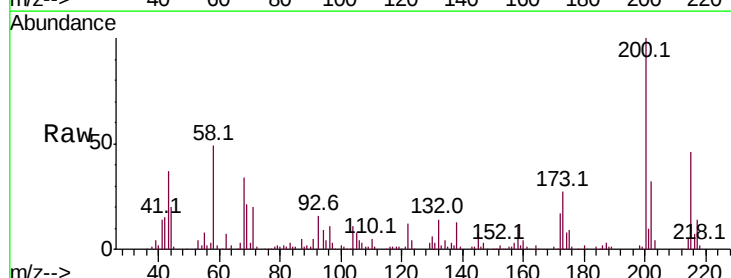
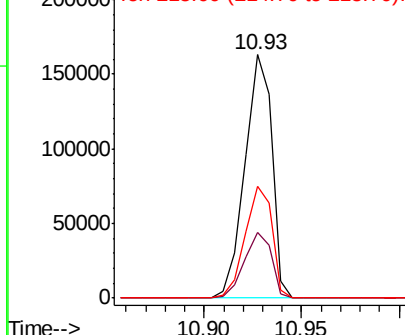
Tgt Ion	Ratio	Resp	Lower	Upper
200	100	156963		
173	26.7	8.6	48.6	
215	45.7	25.1	65.1	

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





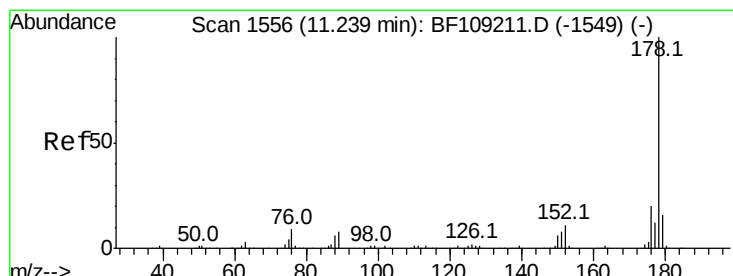
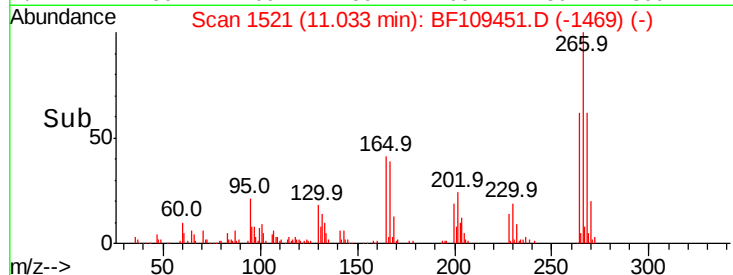
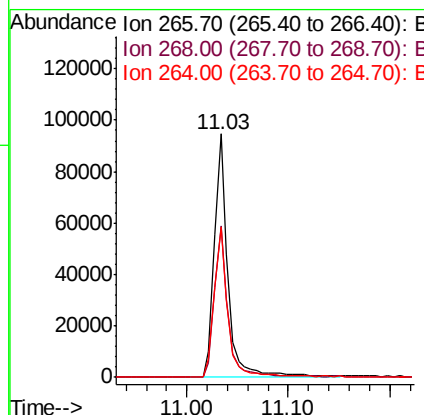
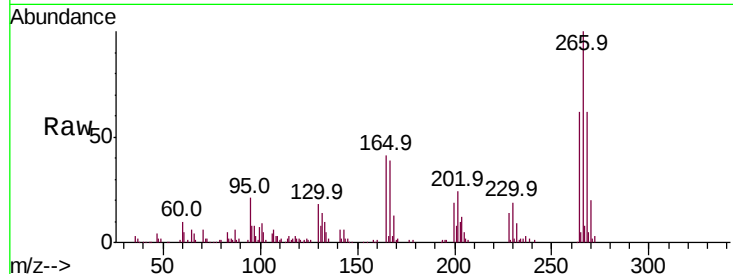
#69
 Pentachlorophenol
 Concen: 33.999 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.01 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
266	100			
268	62.4	51.1	76.7	
264	61.8	49.5	74.3	

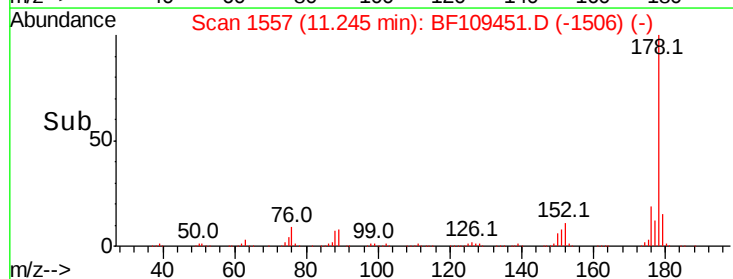
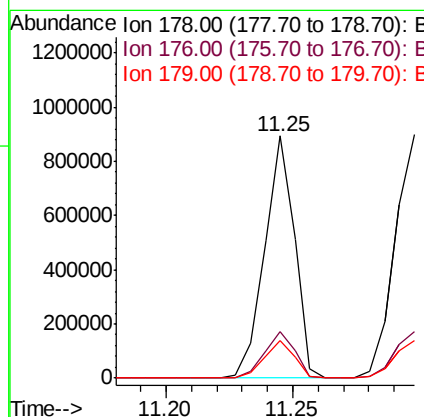
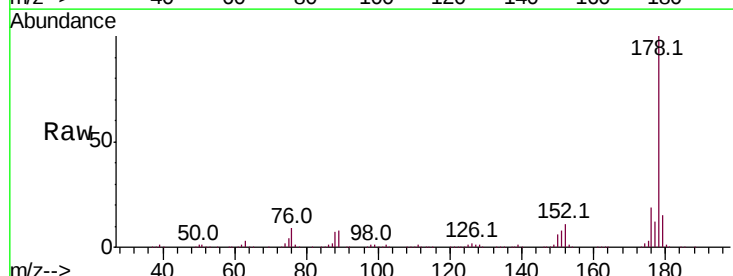
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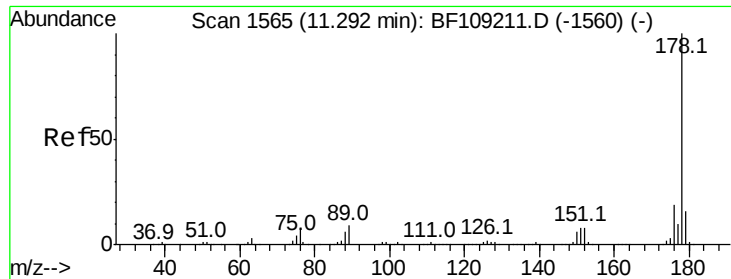
Sohil
 10/1/2018 9:57:32 AM



#70
 Phenanthrene
 Concen: 39.717 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
176	19.5	15.8	23.8	
179	15.4	13.0	19.6	





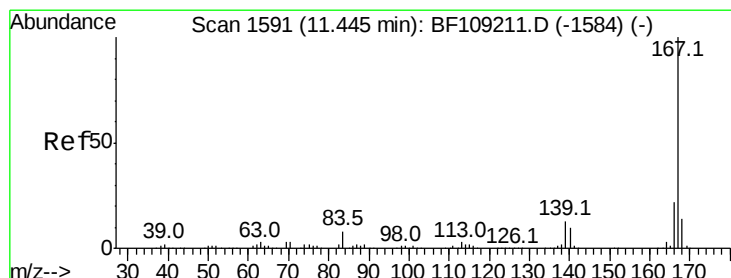
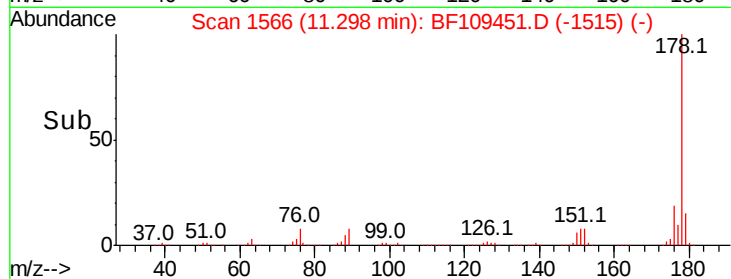
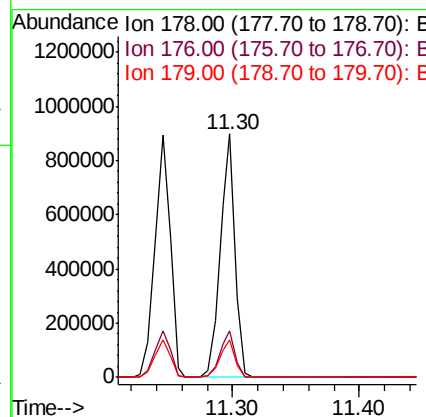
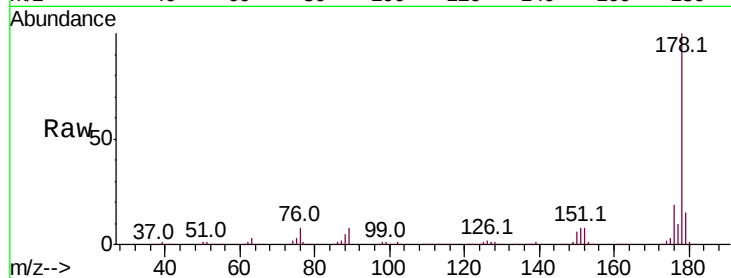
#71
 Anthracene
 Concen: 39.107 ng
 RT: 11.30 min Scan# 1566
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.4	12.6	19.0

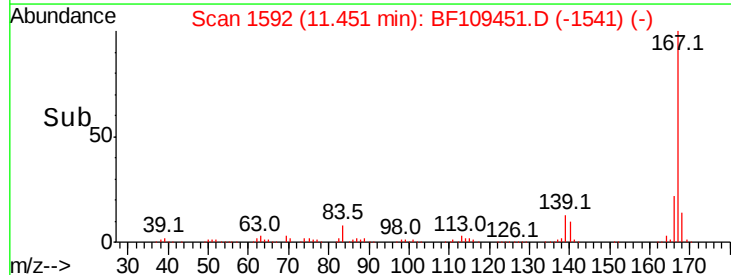
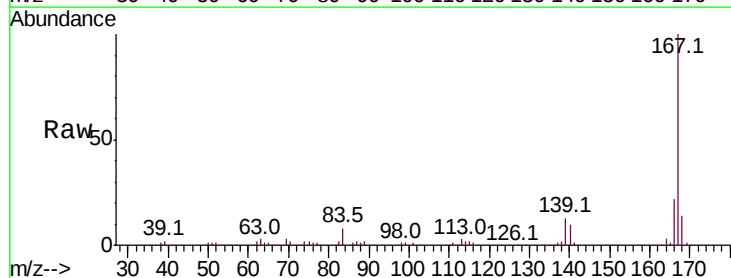
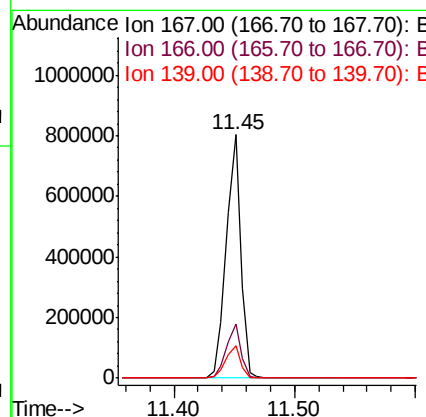
Manual Integrations
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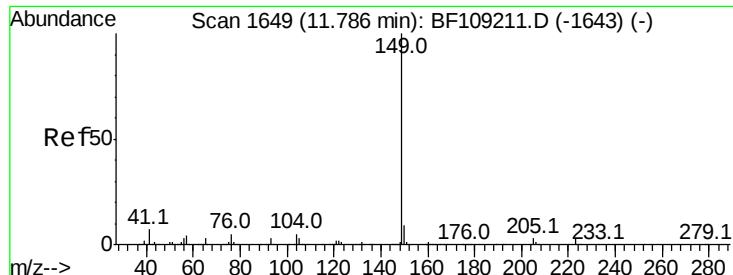
Sohil
 10/1/2018 9:57:32 AM



#72
 Carbazole
 Concen: 35.547 ng
 RT: 11.45 min Scan# 1592
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.3	17.6	26.4
139	13.4	10.9	16.3





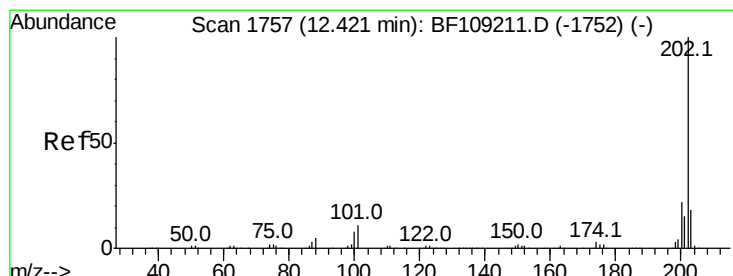
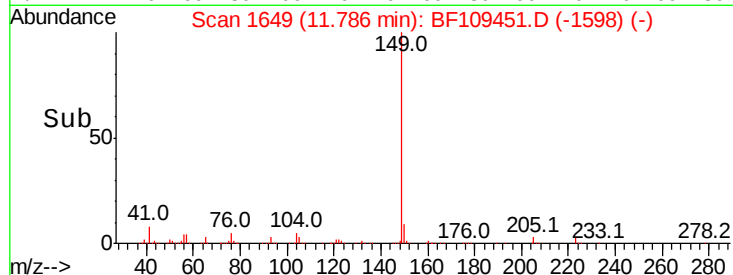
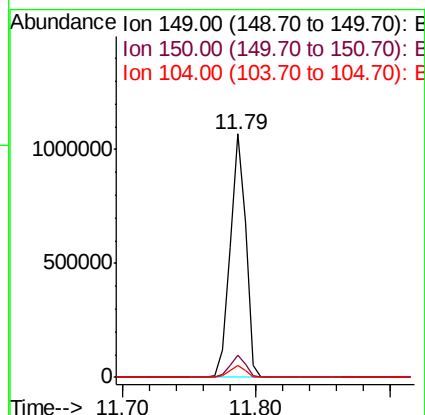
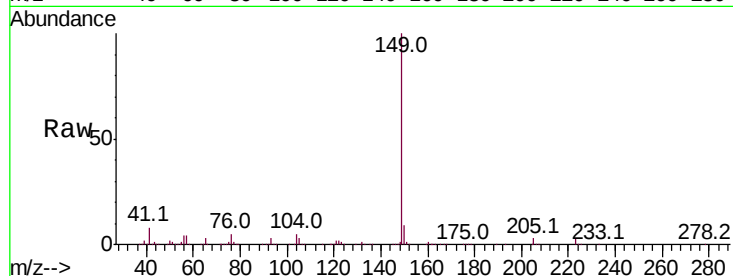
#73
Di-n-butylphthalate
Concen: 41.025 ng
RT: 11.79 min Scan# 1649
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.4	7.8	11.6	
104	5.1	3.8	5.8	

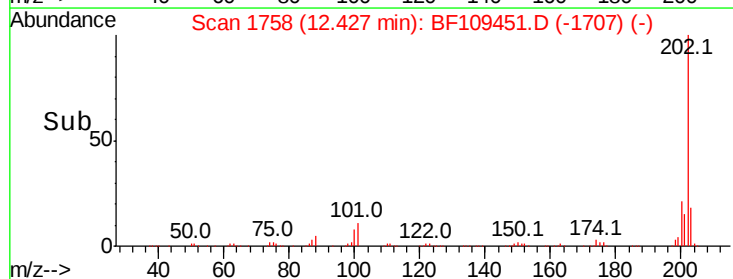
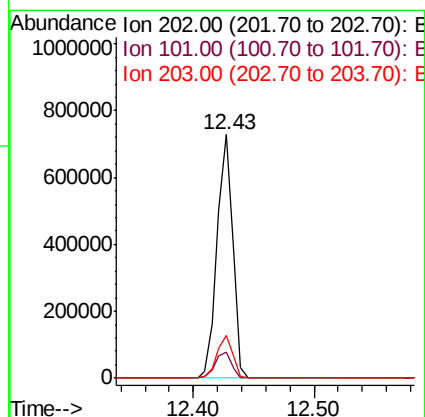
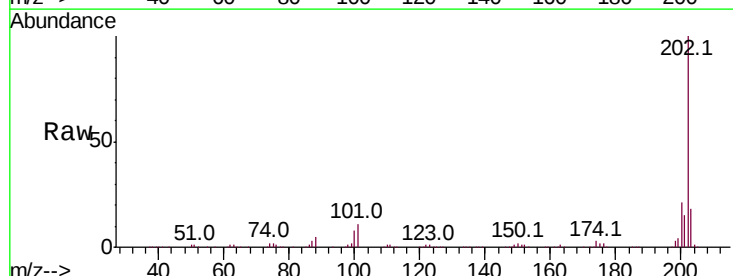
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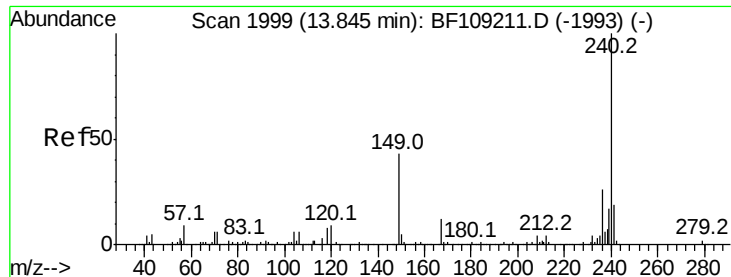
Sohil
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#74
Fluoranthene
Concen: 32.350 ng
RT: 12.43 min Scan# 1758
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	10.8	0.0	34.1	
203	17.6	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.85 min Scan# 2000

Delta R.T. 0.01 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Instrument :

BNA_F

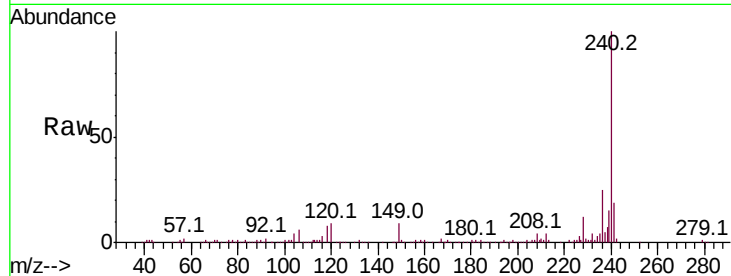
ClientSampleId :

SSTDCCC040

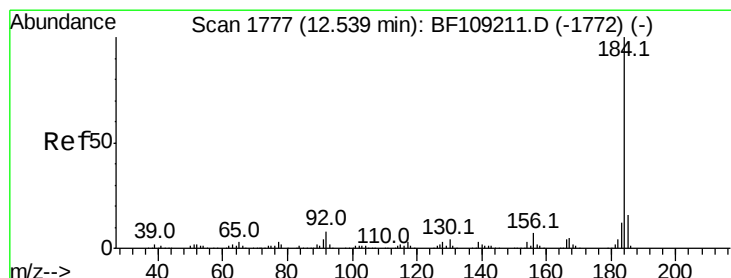
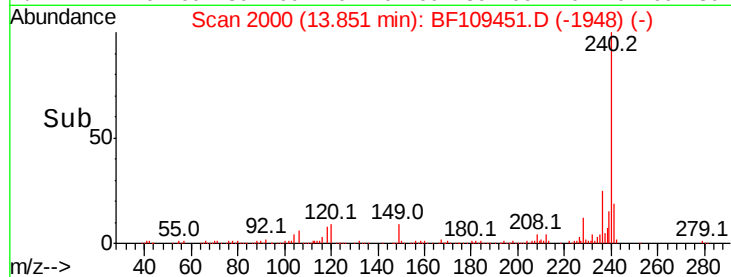
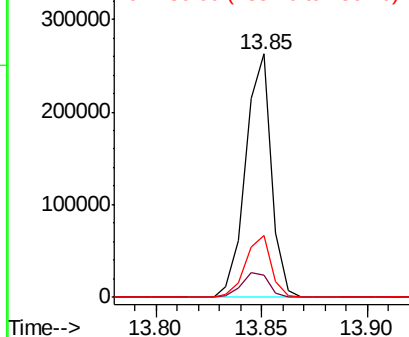
Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	9.3	9.5	14.3	
236	25.2	20.7	31.1	

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



#76

Benzidine

Concen: 39.573 ng

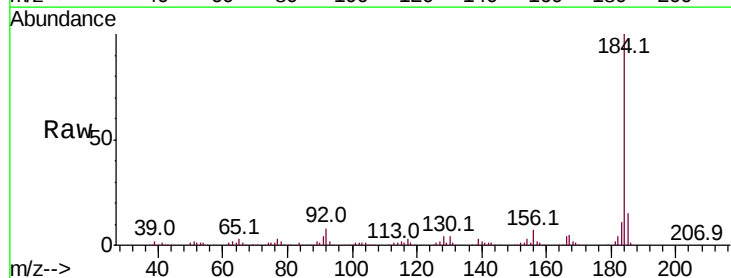
RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

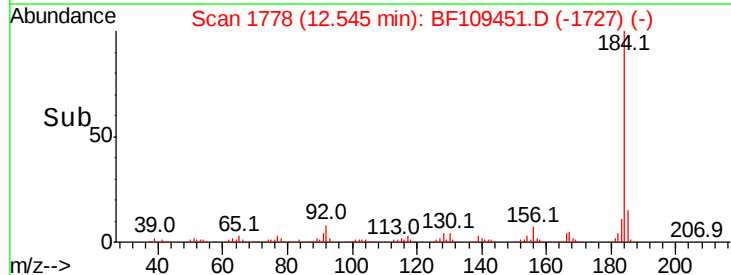
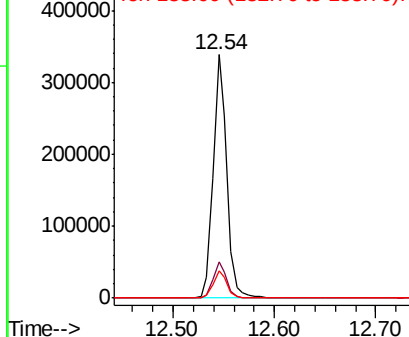
Lab File: BF109451.D

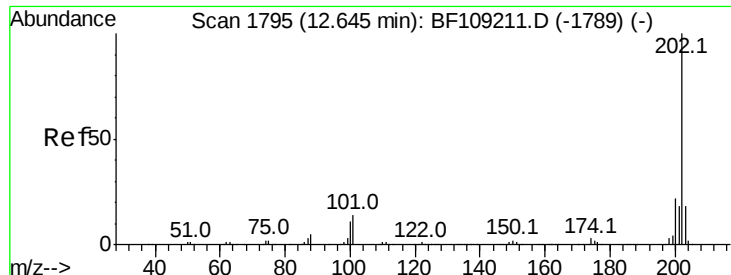
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
185	14.9	12.6	18.8	
183	11.4	9.3	13.9	



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





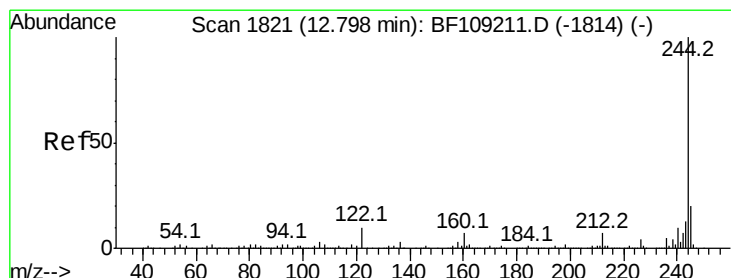
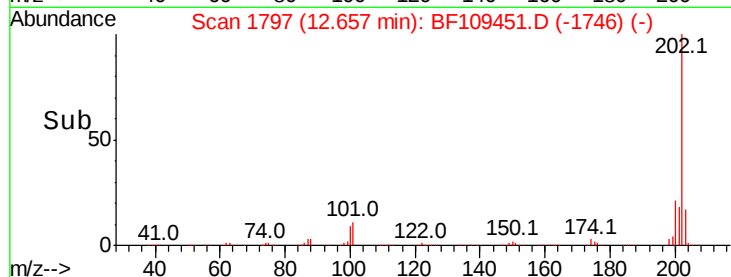
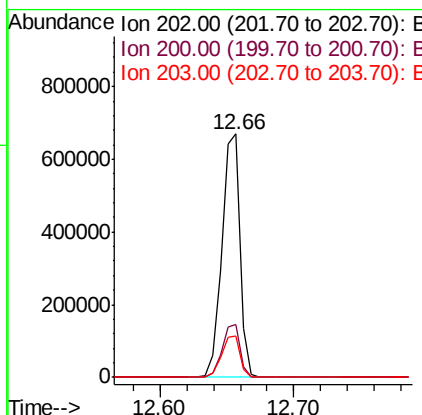
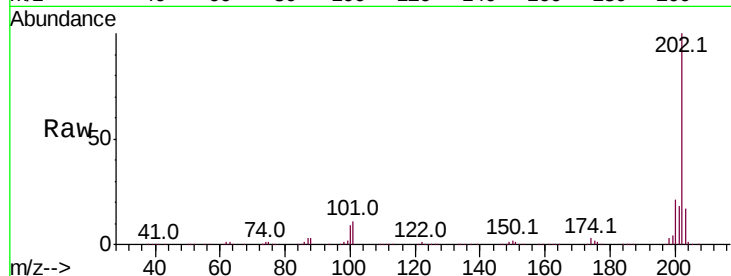
#77
Pvrene
Concen: 40.306 ng
RT: 12.66 min Scan# 1797
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
202	100	641151		
200	21.5		17.4	26.2
203	17.2		14.3	21.5

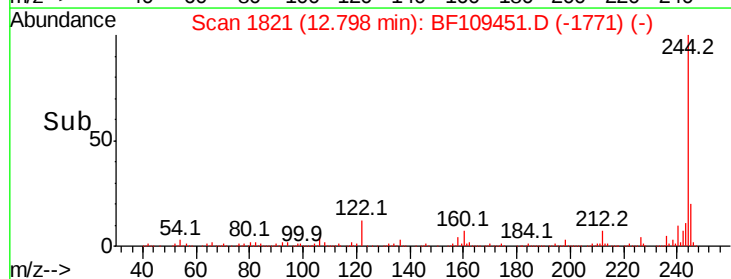
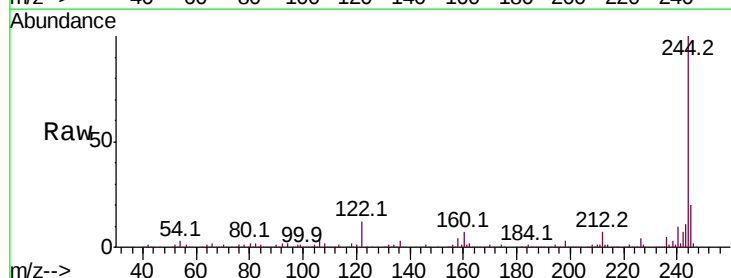
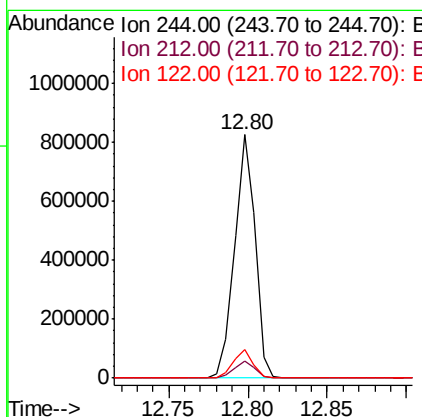
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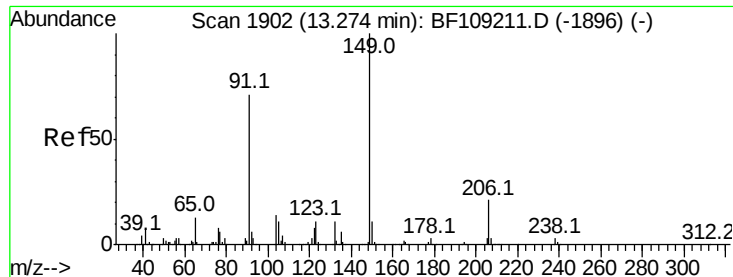
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#78
Terphenyl-d14
Concen: 81.814 ng
RT: 12.80 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	739919		
212	7.2		5.4	8.0
122	11.6		11.0	16.4





#79

Butylbenzylphthalate

Concen: 40.348 ng

RT: 13.27 min Scan# 1902

Delta R.T. 0.00 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Instrument :

BNA_F

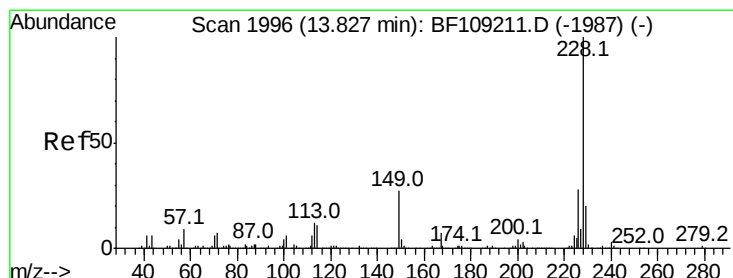
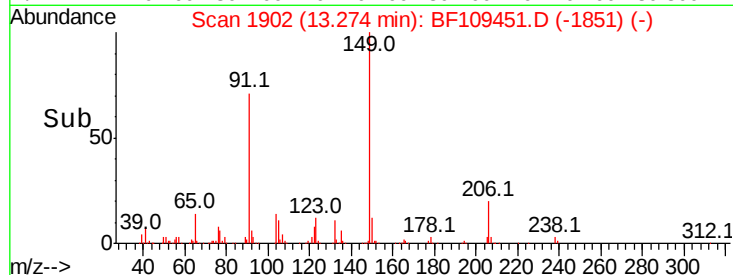
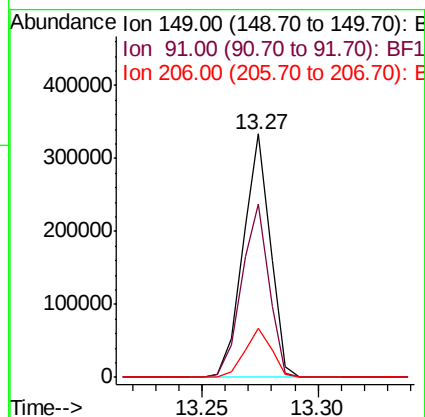
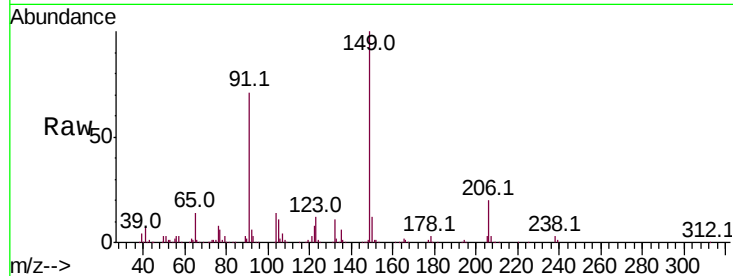
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	273051
Ion Ratio	Lower	Upper	
149	100		
91	71.2	56.8	85.2
206	20.4	14.1	21.1

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#80

Benzo(a)anthracene

Concen: 37.695 ng

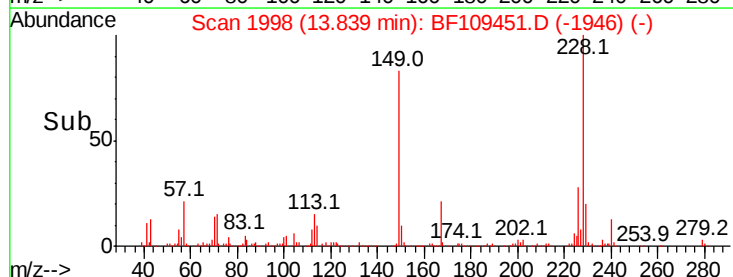
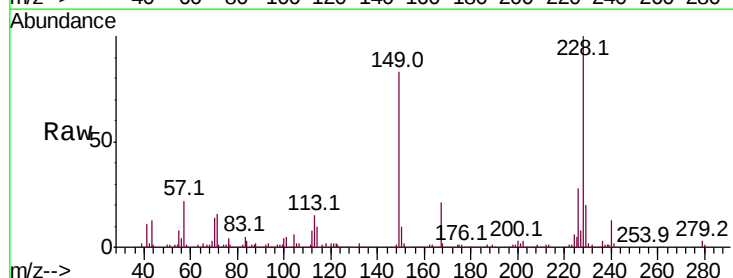
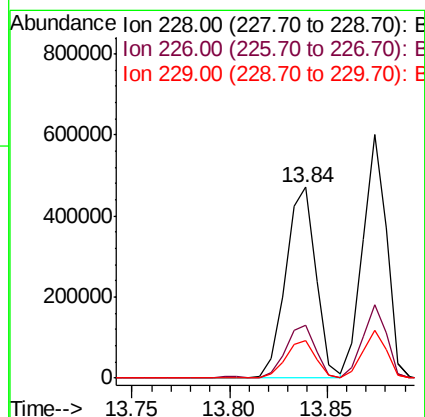
RT: 13.84 min Scan# 1998

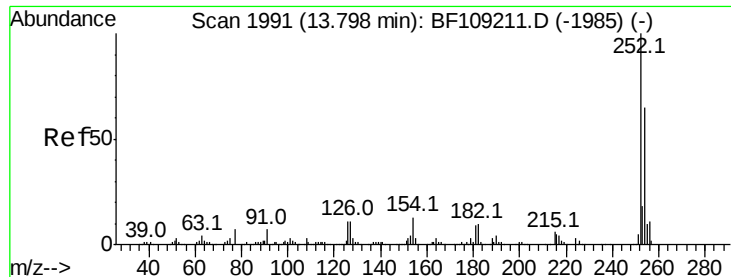
Delta R.T. 0.01 min

Lab File: BF109451.D

Acq: 29 Sep 2018 1:34

Tgt Ion:	228	Resp:	503933
Ion Ratio	Lower	Upper	
228	100		
226	27.9	22.6	33.8
229	19.6	15.8	23.6





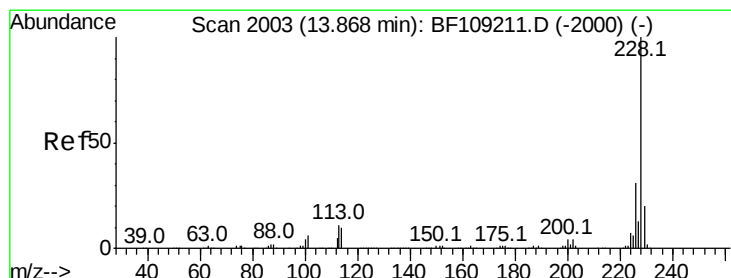
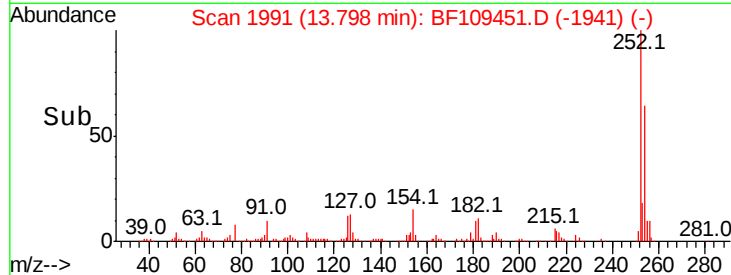
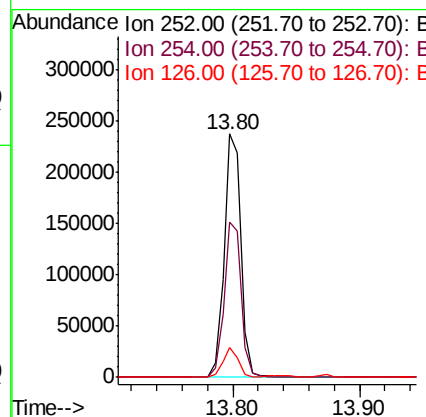
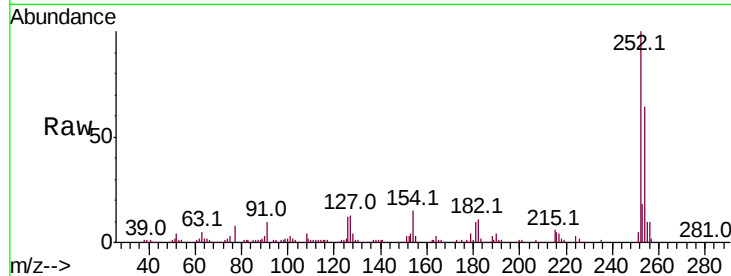
#81
 3,3'-Dichlorobenzidine
 Concen: 43.131 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.01 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
252	100	219137		
254	64.0	50.4	75.6	
126	12.4	11.3	16.9	

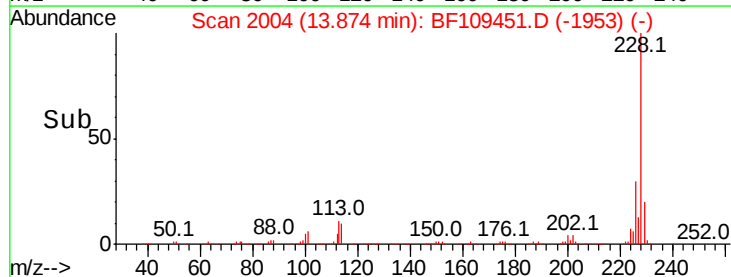
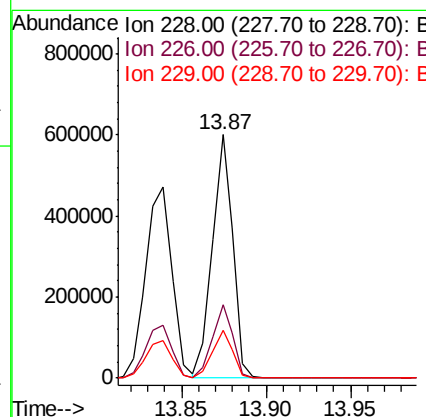
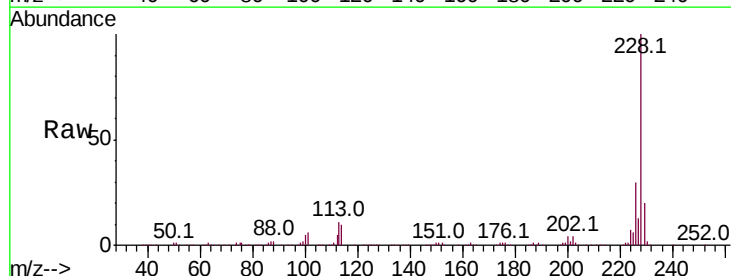
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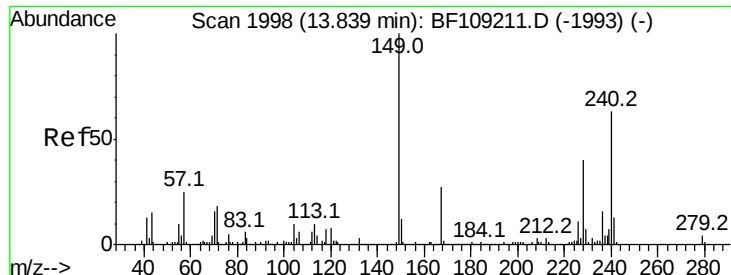
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#82
 Chrysene
 Concen: 38.438 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	509326		
226	30.4	25.0	37.6	
229	19.7	16.2	24.4	





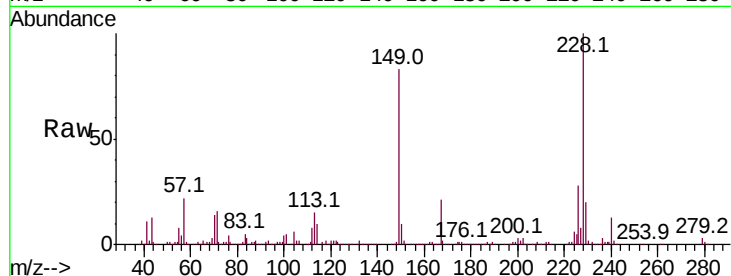
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 39.744 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

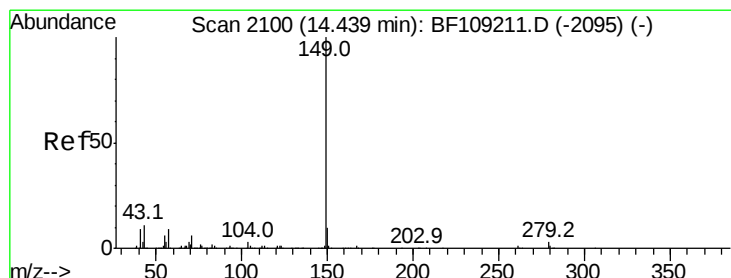
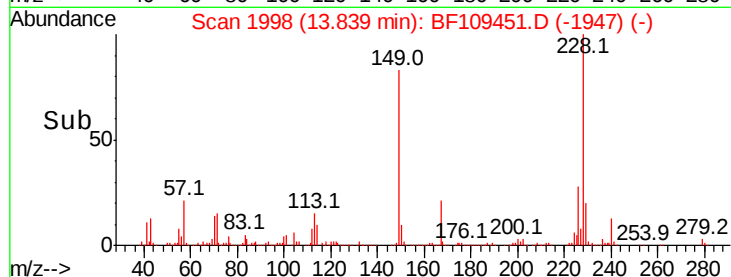
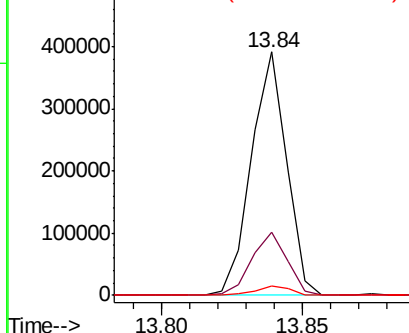
Tot Ion	Ratio	Resp	Lower	Upper
149	100	339207		
167	25.9	21.3	31.9	
279	3.7	3.0	4.4	

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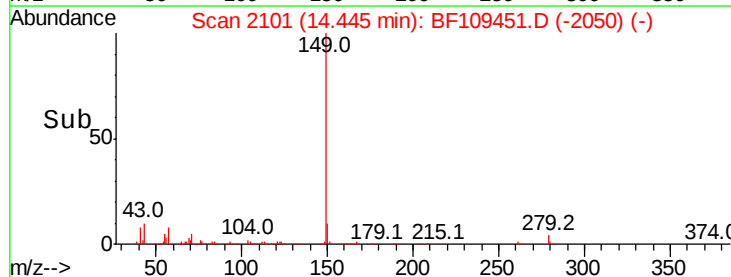
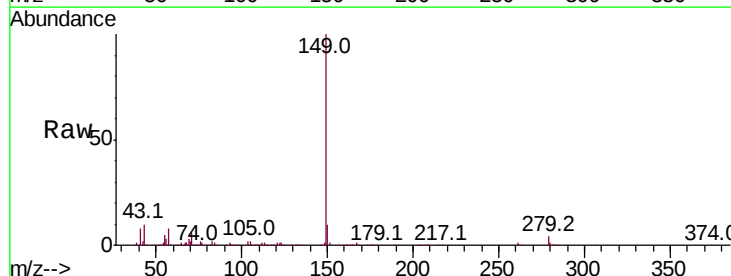
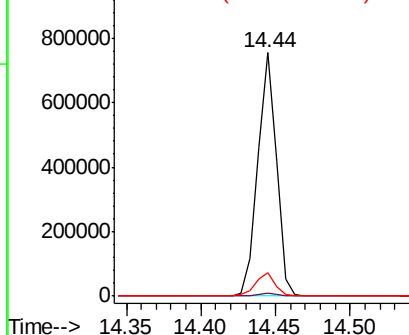
Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

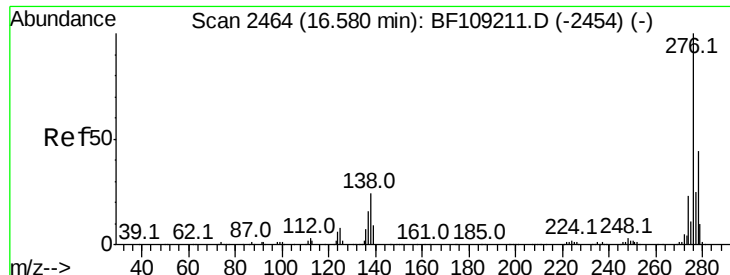


#84
 Di-n-octyl phthalate
 Concen: 44.130 ng
 RT: 14.44 min Scan# 2101
 Delta R.T. 0.00 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	643984		
167	1.5	1.2	1.8	
43	9.8	8.4	12.6	

Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1





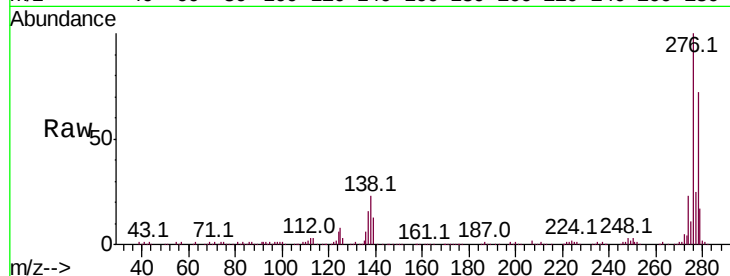
#85
Indeno(1,2,3-cd)pyrene
Concen: 47.726 ng
RT: 16.61 min Scan# 2469
Delta R.T. 0.02 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

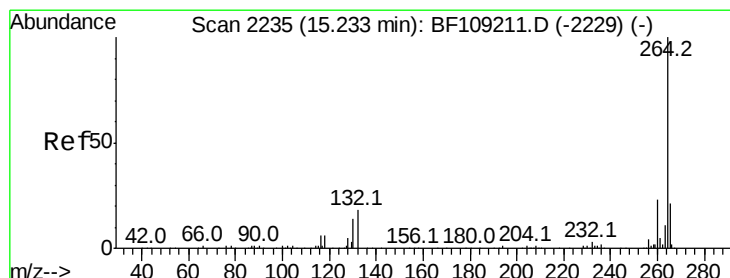
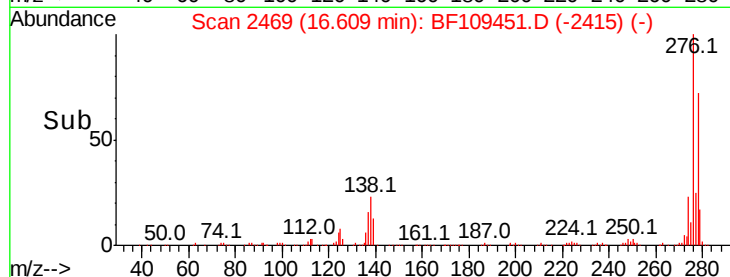
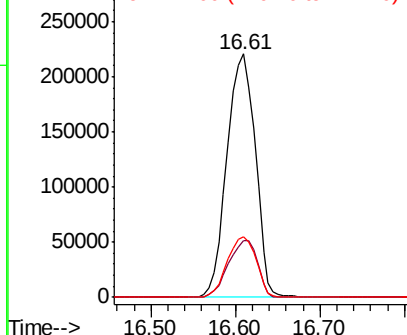
Tot Ion	Ratio	Lower	Upper
276	100		
138	24.1	25.0	37.6#
277	25.2	20.1	30.1

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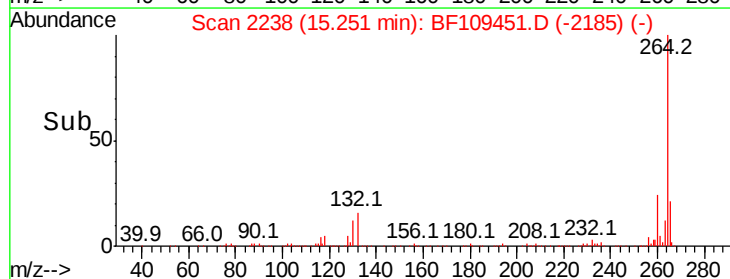
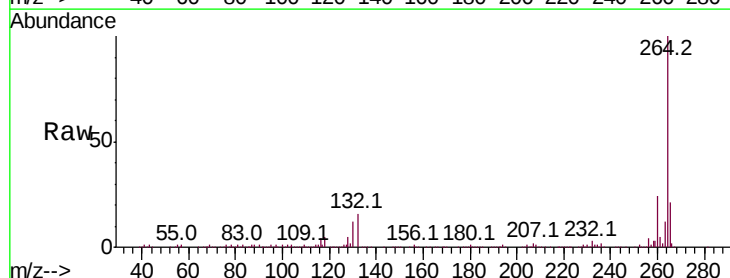
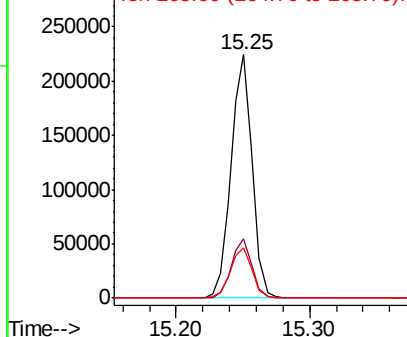
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

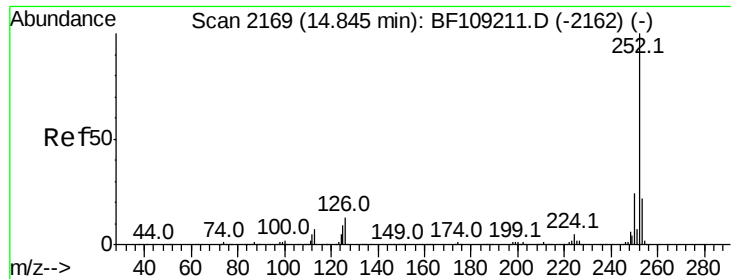


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.25 min Scan# 2238
Delta R.T. 0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	20.8	17.5	26.3

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





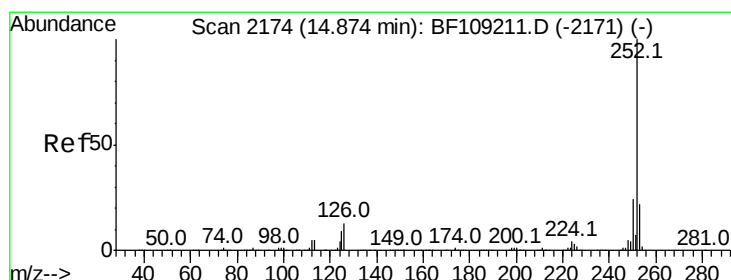
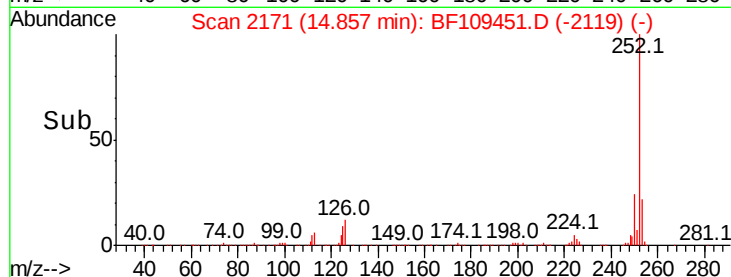
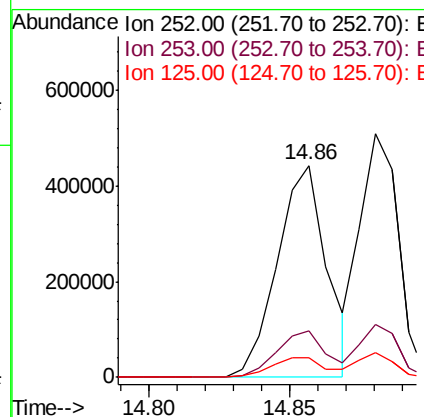
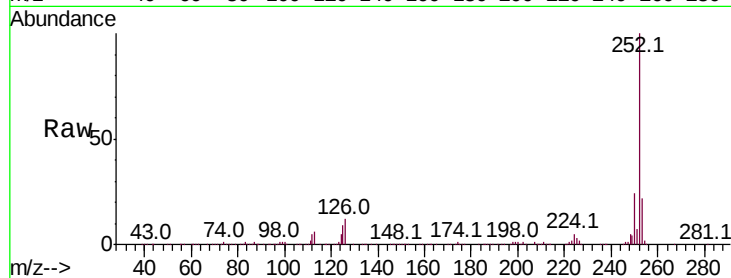
#87
Benzo(b)fluoranthene
Concen: 39.486 ng
RT: 14.86 min Scan# 2171
Delta R.T. 0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.0	25.6
125	9.5	9.0	13.6

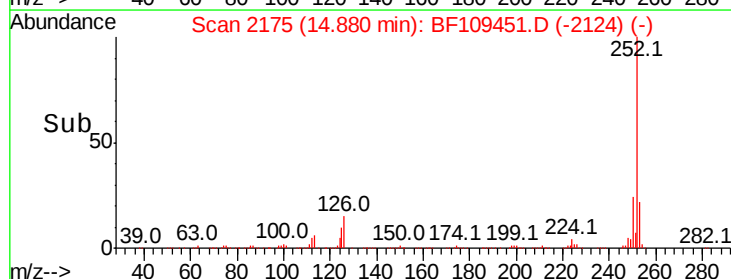
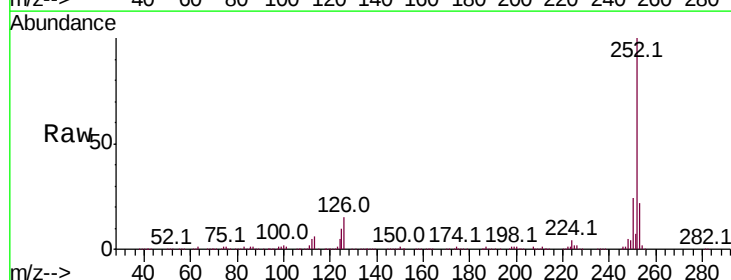
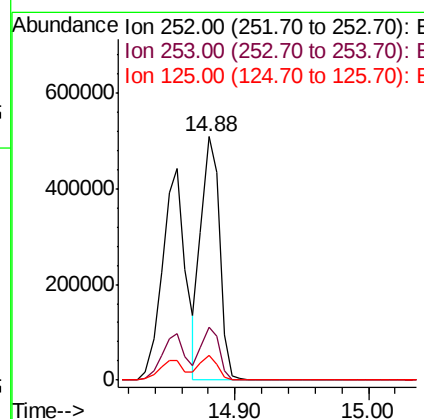
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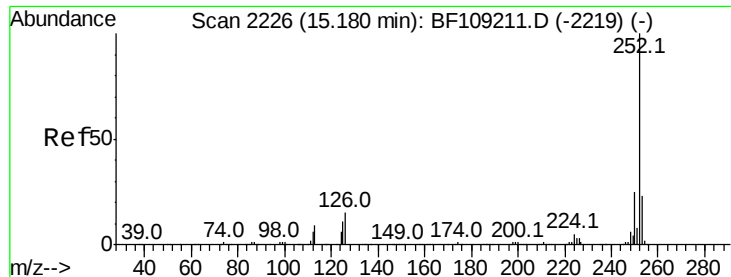
Sohil
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#88
Benzo(k)fluoranthene
Concen: 37.215 ng
RT: 14.88 min Scan# 2175
Delta R.T. 0.00 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	10.3	10.2	15.2





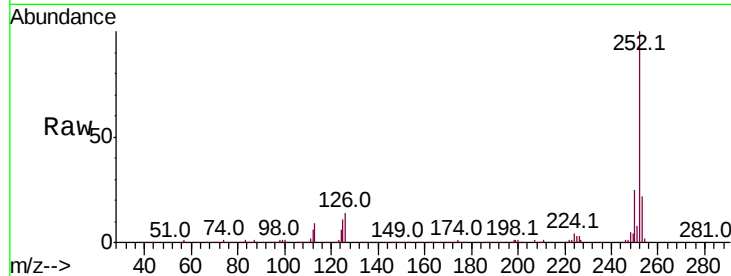
#89
Benzo(a)pyrene
Concen: 39.831 ng
RT: 15.19 min Scan# 2228
Delta R.T. 0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

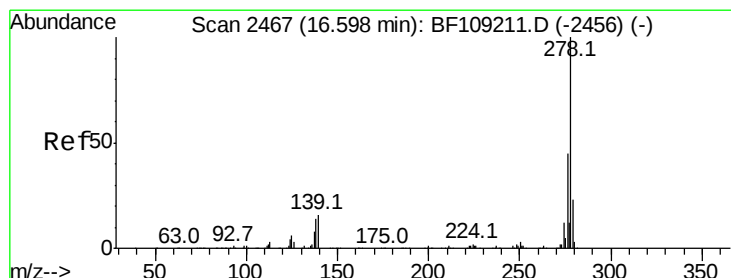
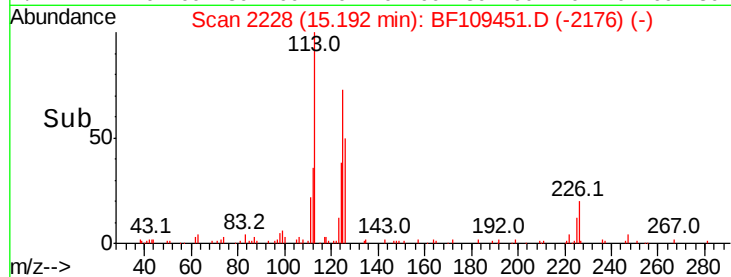
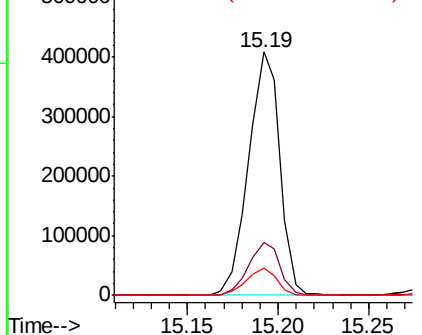
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.1	25.7
125	11.0	9.8	14.6

Manual Integrations
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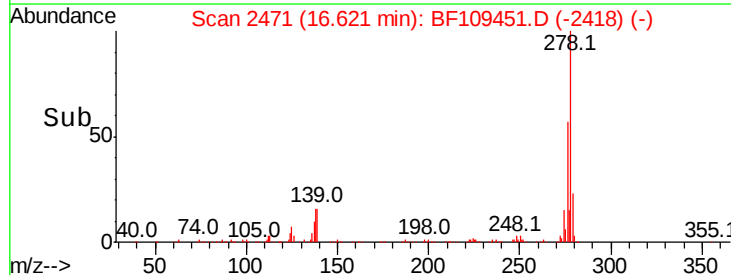
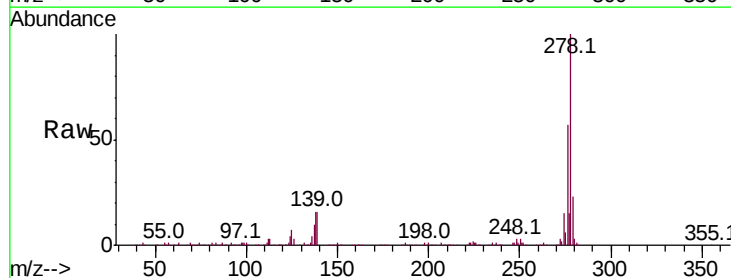
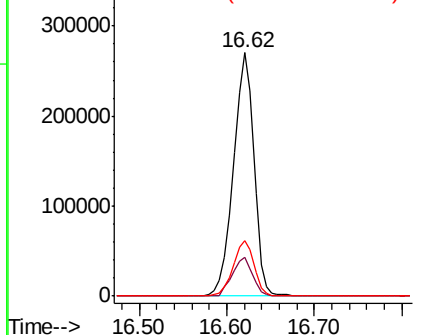
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

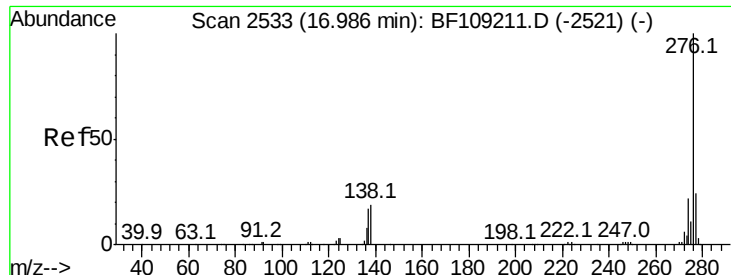


#90
Dibenzo(a,h)anthracene
Concen: 42.451 ng
RT: 16.62 min Scan# 2471
Delta R.T. 0.01 min
Lab File: BF109451.D
Acq: 29 Sep 2018 1:34

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.7	15.9	23.9#
279	23.0	19.0	28.4

Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91
 Benzo(a,h,i)perylene
 Concen: 39.336 ng
 RT: 17.01 min Scan# 2537
 Delta R.T. 0.01 min
 Lab File: BF109451.D
 Acq: 29 Sep 2018 1:34

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	391671
Ion Ratio	Lower	Upper	
276	100		
277	23.7	17.9	26.9
138	21.7	21.8	32.8#

Manual Integrations
 APPROVED

Sohil
 10/1/2018 9:57:32 AM

