

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101118\
 Data File : BF109811.D
 Acq On : 12 Oct 2018 3:10
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Quant Time: Oct 12 08:58:44 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 08 16:02:11 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	71092	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	264672	20.00	ng	0.00
38) Acenaphthene-d10	9.72	164	108177	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	232322	20.00	ng	0.00
75) Chrysene-d12	13.83	240	244138	20.00	ng	0.00
86) Perylene-d12	15.23	264	171643	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	352094	87.91	ng	-0.01
7) Phenol-d6	6.35	99	424975	79.43	ng	0.00
23) Nitrobenzene-d5	7.26	82	412526	85.92	ng	0.00
41) 2,4,6-Tribromophenol	10.51	330	104655	88.79	ng	0.00
44) 2-Fluorobiphenyl	9.05	172	673139	85.70	ng	0.00
78) Terphenyl-d14	12.78	244	847470	67.20	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.32	88	94992	45.192	ng	100
3) Pyridine	3.05	79	157714	36.368	ng	97
4) n-Nitrosodimethylamine	2.99	42	58106	37.122	ng	94
6) Aniline	6.36	93	246592	39.565	ng	99
8) 2-Chlorophenol	6.49	128	203344	41.282	ng	99
9) Benzaldehyde	6.25	77	140456	40.795	ng	97
10) Phenol	6.36	94	226490	36.917	ng	95
11) bis(2-Chloroethyl)ether	6.43	93	172847	33.982	ng	100
12) 1,3-Dichlorobenzene	6.64	146	229065	40.659	ng	97
13) 1,4-Dichlorobenzene	6.72	146	252449	41.107	ng	99
14) 1,2-Dichlorobenzene	6.87	146	224966	41.712	ng	98
15) Benzyl Alcohol	6.85	79	147278	37.130	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	254533	37.740	ng	98
17) 2-Methylphenol	6.97	107	142973	36.705	ng	97
18) Hexachloroethane	7.20	117	76338	35.167	ng	92
19) n-Nitroso-di-n-propylamine	7.12	70	138490	36.910	ng	99
20) 3+4-Methylphenols	7.12	107	169666	35.349	ng	94
22) Acetophenone	7.11	105	266633	41.660	ng	# 98
24) Nitrobenzene	7.28	77	209949	42.022	ng	99
25) Isophorone	7.52	82	309283	38.791	ng	100
26) 2-Nitrophenol	7.60	139	50288	21.519	ng	96
27) 2,4-Dimethylphenol	7.65	122	127910	37.903	ng	99
28) bis(2-Chloroethoxy)methane	7.73	93	212628	39.426	ng	99
29) 2,4-Dichlorophenol	7.85	162	141150	37.289	ng	98
30) 1,2,4-Trichlorobenzene	7.92	180	168337	40.173	ng	100
31) Naphthalene	8.00	128	462752	37.805	ng	99
32) Benzoic acid	7.76	122	48354	20.041	ng	# 84
33) 4-Chloroaniline	8.06	127	206126	38.240	ng	98
34) Hexachlorobutadiene	8.12	225	109182	41.906	ng	96
35) Caprolactam	8.42	113	39780	35.190	ng	95
36) 4-Chloro-3-methylphenol	8.54	107	140408	35.140	ng	98
37) 2-Methylnaphthalene	8.69	142	284550	35.489	ng	99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	157075	42.656	ng	99
40) Hexachlorocyclopentadiene	8.84	237	1659	8.140	ng	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	85444	38.815	ng	100
43) 2,4,5-Trichlorophenol	9.02	196	101125	39.954	ng	97
45) 1,1'-Biphenyl	9.15	154	404415	41.848	ng	99
46) 2-Chloronaphthalene	9.17	162	295131	40.763	ng	99
47) 2-Nitroaniline	9.27	65	94044	42.898	ng	100
48) Acenaphthylene	9.59	152	426788	40.434	ng	99
49) Dimethylphthalate	9.45	163	327185	41.240	ng	99
50) 2,6-Dinitrotoluene	9.52	165	63468	36.905	ng	95
51) Acenaphthene	9.76	154	251662	40.220	ng	99
52) 3-Nitroaniline	9.69	138	89860	46.613	ng	100
54) Dibenzofuran	9.93	168	378010	40.303	ng	100
55) 4-Nitrophenol	9.87	139	32876	31.156	ng	95
56) 2,4-Dinitrotoluene	9.92	165	75313	35.091	ng	93
57) Fluorene	10.27	166	284225	40.579	ng	100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	89227	43.368	ng	99
59) Diethylphthalate	10.15	149	326913	41.587	ng	98
60) 4-Chlorophenyl-phenylether	10.26	204	150641	40.767	ng	99
61) 4-Nitroaniline	10.30	138	88848	49.766	ng	98
62) Azobenzene	10.42	77	324108	40.602	ng	99
65) n-Nitrosodiphenylamine	10.38	169	284237	36.090	ng	100
66) 4-Bromophenyl-phenylether	10.75	248	93102	34.877	ng	96
67) Hexachlorobenzene	10.82	284	103938	35.957	ng	96
68) Atrazine	10.91	200	84364	34.324	ng	99
69) Pentachlorophenol	11.02	266	66868	41.111	ng	97
70) Phenanthrene	11.23	178	446089	38.369	ng	100
71) Anthracene	11.28	178	500087	41.610	ng	99
72) Carbazole	11.44	167	499368	42.841	ng	99
73) Di-n-butylphthalate	11.76	149	538070	39.800	ng	100
74) Fluoranthene	12.41	202	572580	47.142	ng	98
76) Benzidine	12.54	184	336816	37.139	ng	97
77) Pyrene	12.63	202	592827	33.143	ng	99
79) Butylbenzylphthalate	13.26	149	283292	36.530	ng	94
80) Benzo(a)anthracene	13.82	228	509001	37.781	ng	100
81) 3,3'-Dichlorobenzidine	13.79	252	227376	41.914	ng	99
82) Chrysene	13.86	228	559903	39.565	ng	99
83) Bis(2-ethylhexyl)phthalate	13.82	149	381106	40.280	ng	99
84) Di-n-octyl phthalate	14.42	149	698270	46.691	ng	100
85) Indeno(1,2,3-cd)pyrene	16.59	276	322690m	31.858	ng	
87) Benzo(b)fluoranthene	14.83	252	397763	41.935	ng	99
88) Benzo(k)fluoranthene	14.86	252	386187	40.522	ng	100
89) Benzo(a)pyrene	15.17	252	332754	38.658	ng	97
90) Dibenzo(a,h)anthracene	16.59	278	266449	37.691	ng	96
91) Benzo(g,h,i)perylene	16.99	276	262879	37.239	ng	96

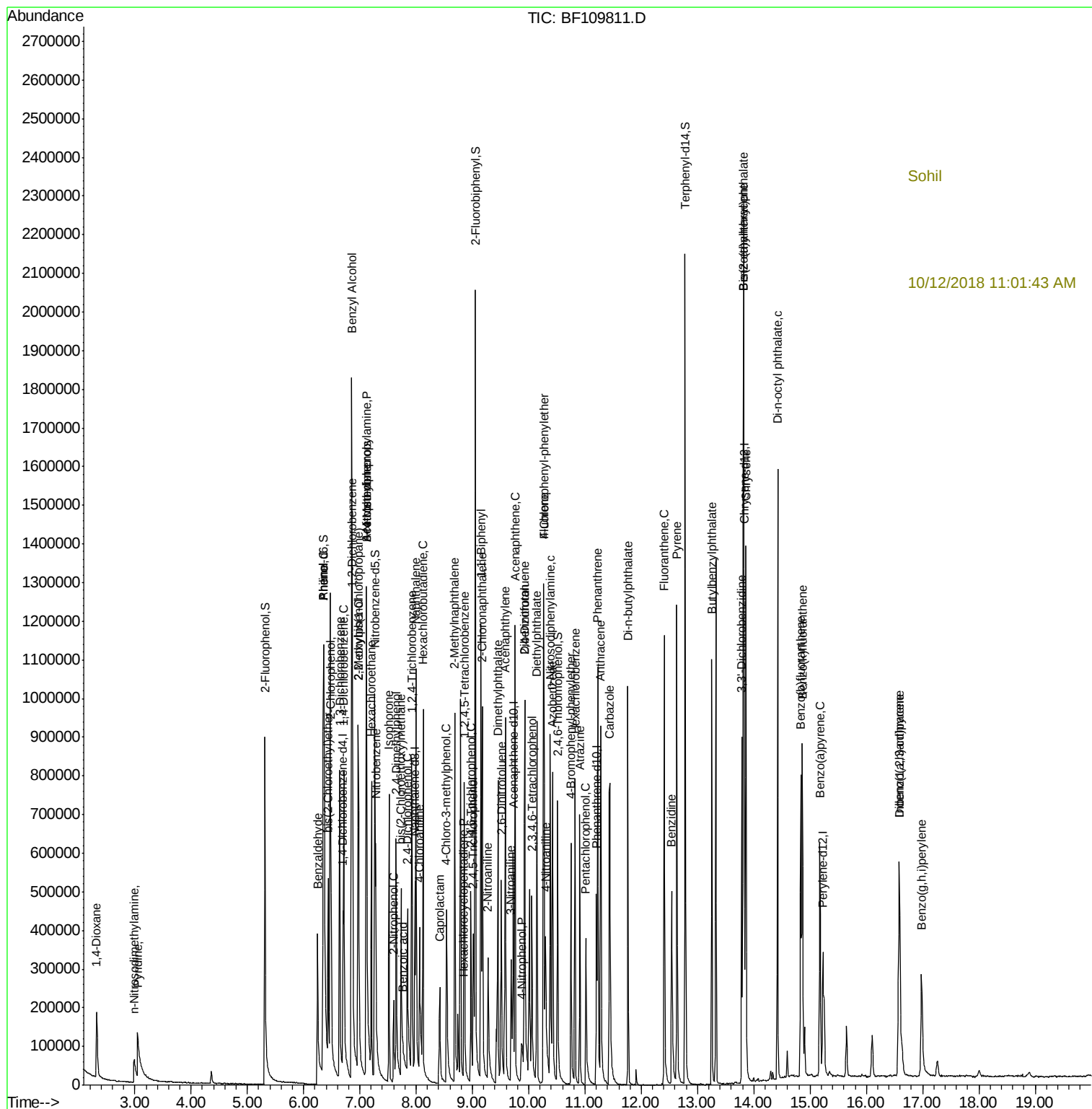
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 2    Sample Multiplier: 1
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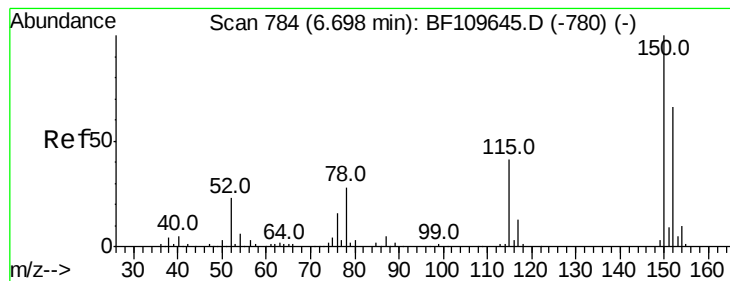
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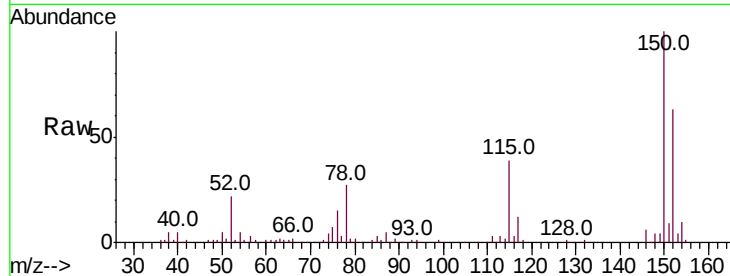


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 784
 Delta R.T. -0.00 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	122.7	184.1
115	62.3	49.1	73.7

Manual Integrations
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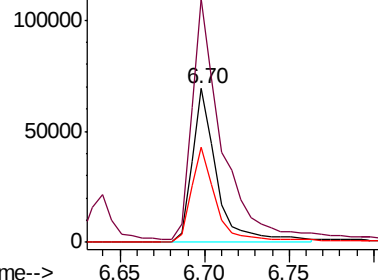


Abundance

Ion 152.00 (151.70 to 152.70): E

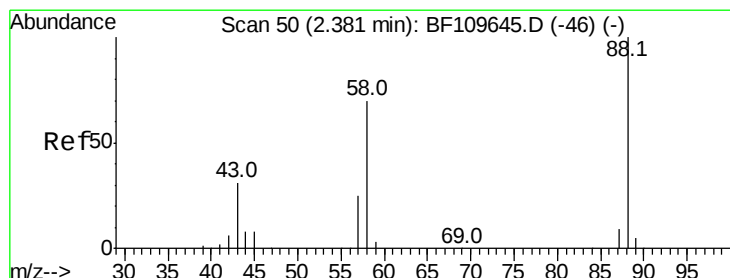
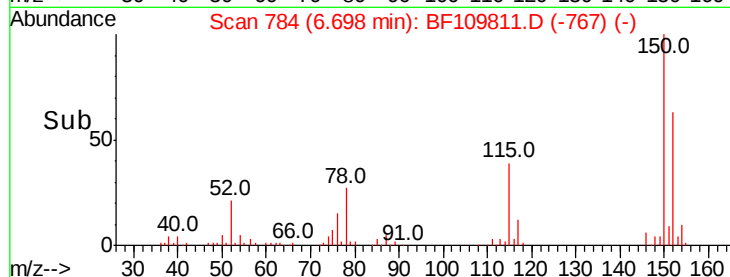
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



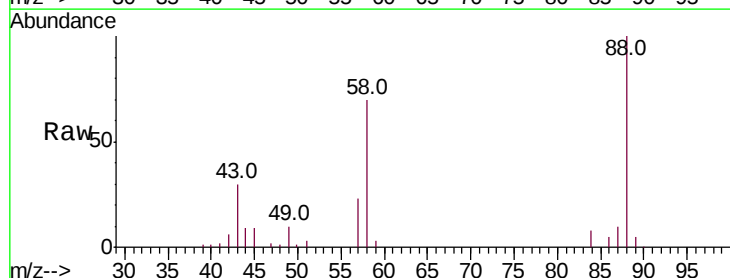
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#2
 1,4-Dioxane
 Concen: 45.192 ng
 RT: 2.32 min Scan# 40
 Delta R.T. -0.06 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
88	100		
58	71.4	57.1	85.7
43	30.9	24.1	36.1

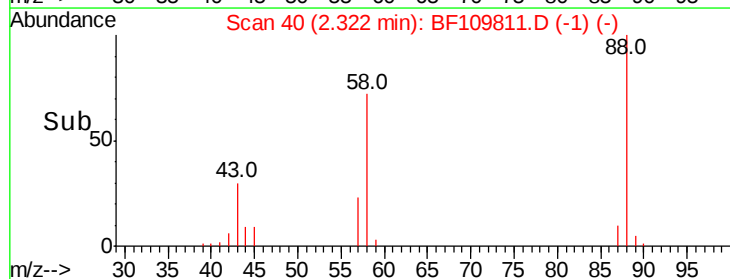
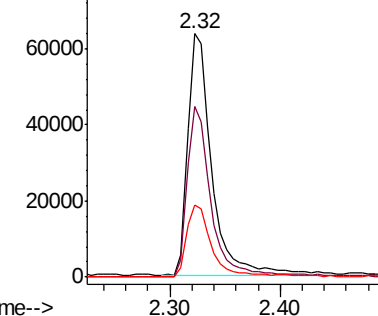


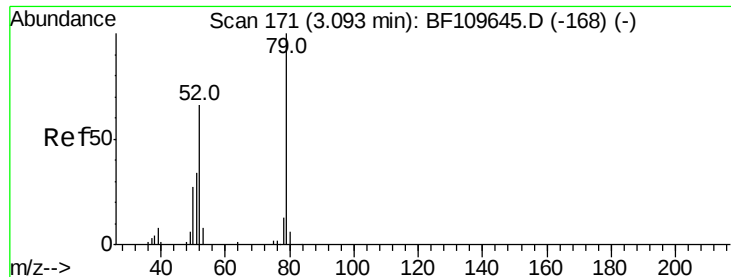
Abundance

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



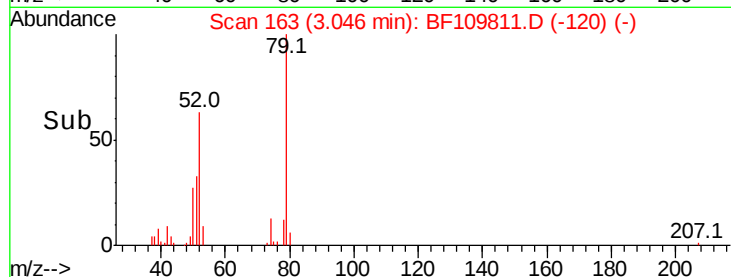
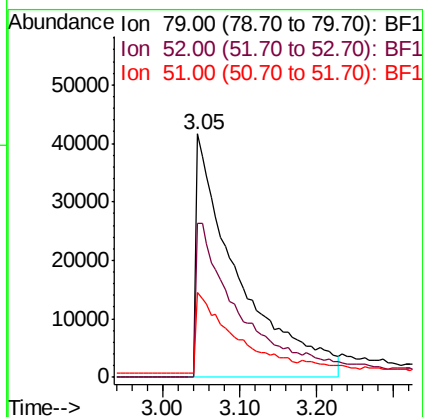
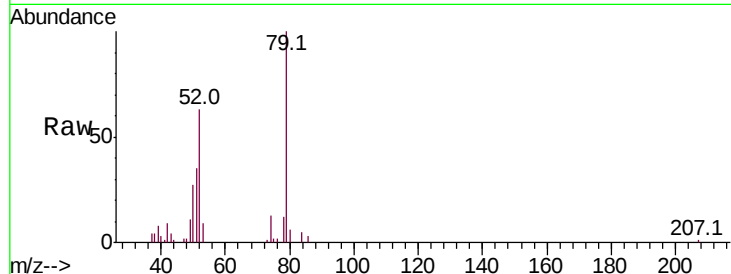


#3
 Pvrindine
 Concen: 36.368 ng
 RT: 3.05 min Scan# 163
 Delta R.T. -0.05 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

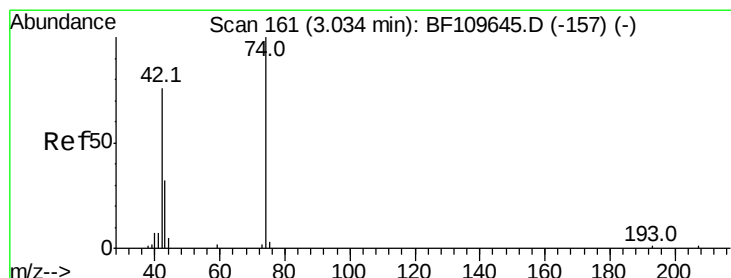
Tot Ion	Ratio	Lower	Upper
79	100		
52	63.3	53.1	79.7
51	35.1	27.4	41.2

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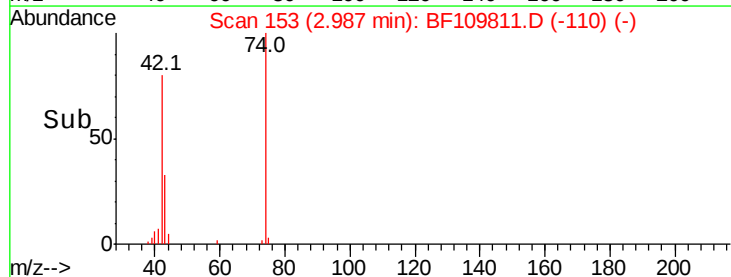
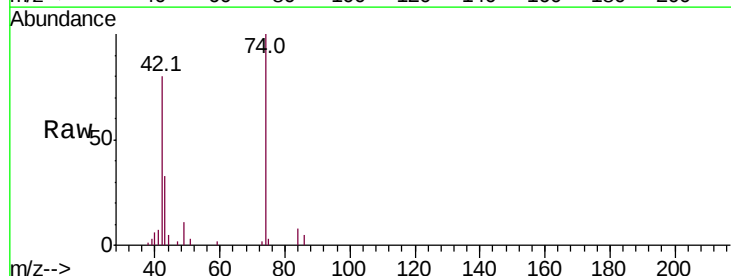
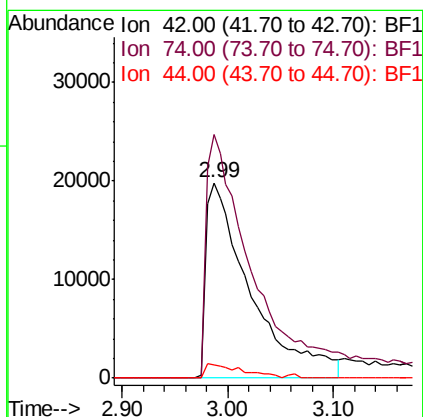
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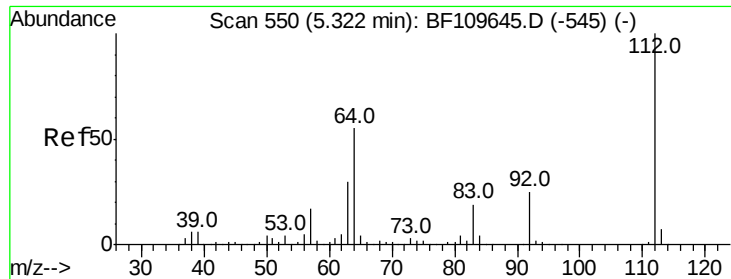
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#4
 n-Nitrosodimethylamine
 Concen: 37.122 ng
 RT: 2.99 min Scan# 153
 Delta R.T. -0.05 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
42	100		
74	124.6	105.5	158.3
44	6.6	4.9	7.3





#5

2-Fluorophenol

Concen: 87.911 ng

RT: 5.31 min Scan# 548

Delta R.T. -0.01 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Instrument :

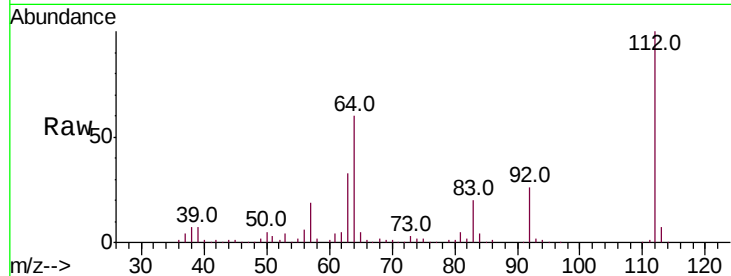
BNA_F

ClientSampleId :

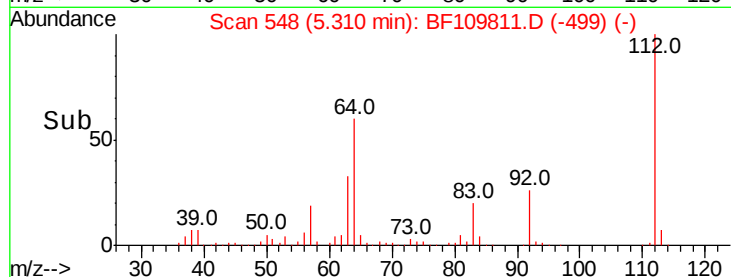
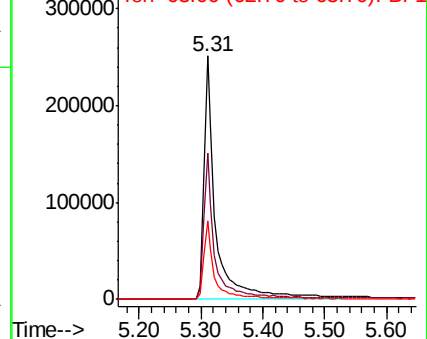
SSTDCCC040

Tot Ion:	112	Resp:	352094
Ion Ratio	Lower	Upper	
112	100		
64	60.4	44.1	66.1
63	32.5	23.7	35.5

Manual Integrations
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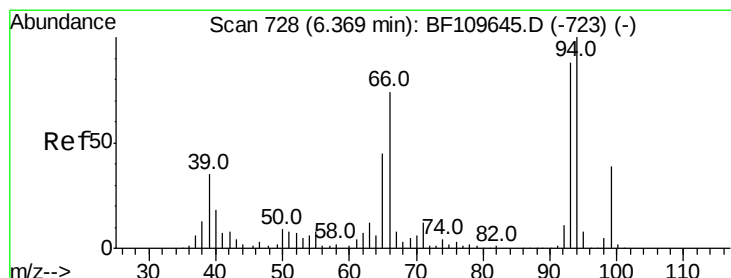


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



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#6

Aniline

Concen: 39.565 ng

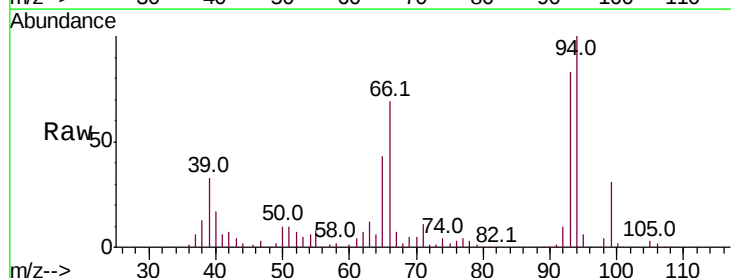
RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

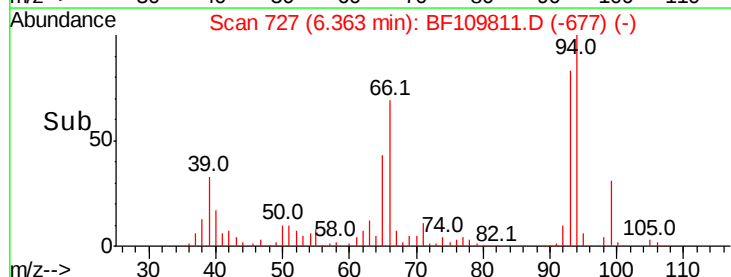
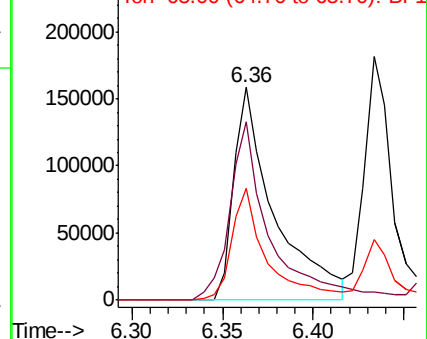
Lab File: BF109811.D

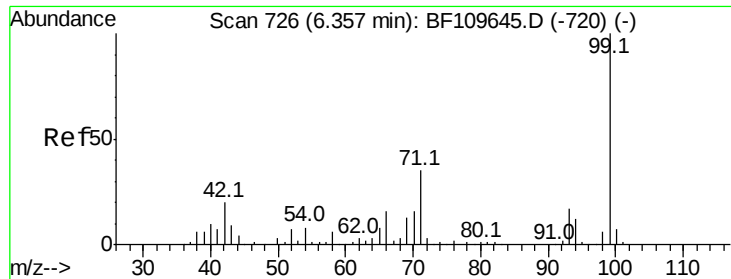
Acq: 12 Oct 2018 3:10

Tgt Ion:	93	Resp:	246592
Ion Ratio	Lower	Upper	
93	100		
66	84.1	67.4	101.0
65	52.5	41.0	61.4



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: 79.429 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Instrument :

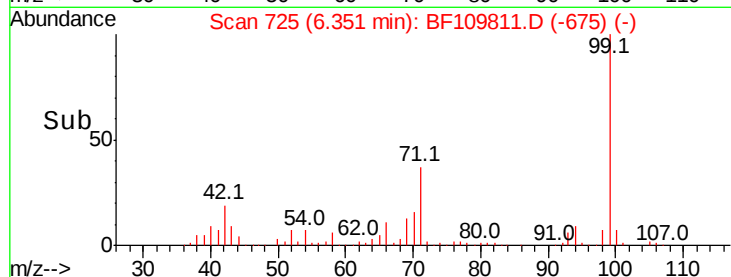
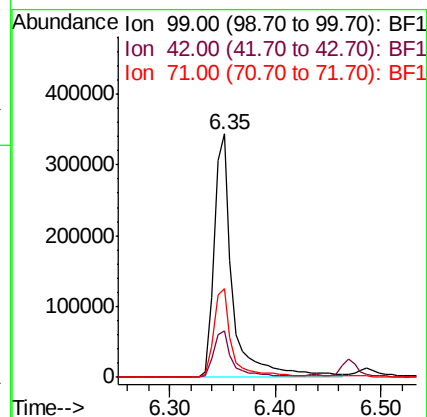
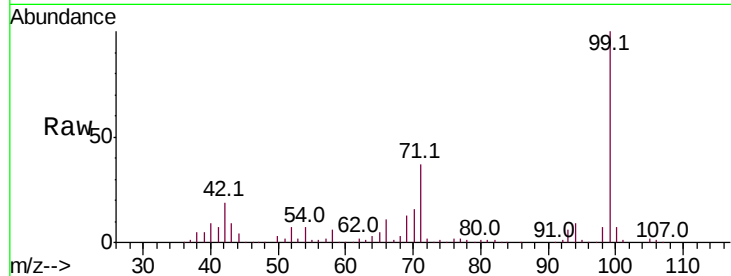
BNA_F

ClientSampleId :

SSTDCCC040

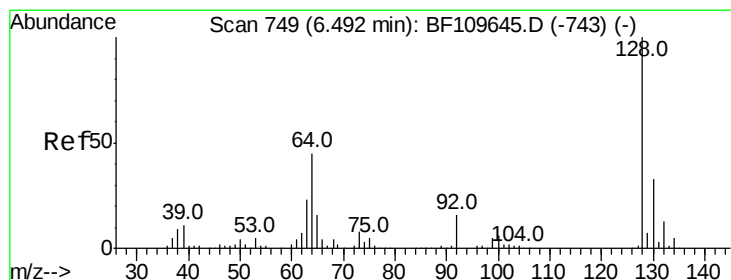
Tot Ion:	99	Resp:	424975
Ion Ratio	Lower	Upper	
99	100		
42	19.0	15.8	23.6
71	36.6	28.0	42.0

Manual Integrations
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#8

2-Chlorophenol

Concen: 41.282 ng

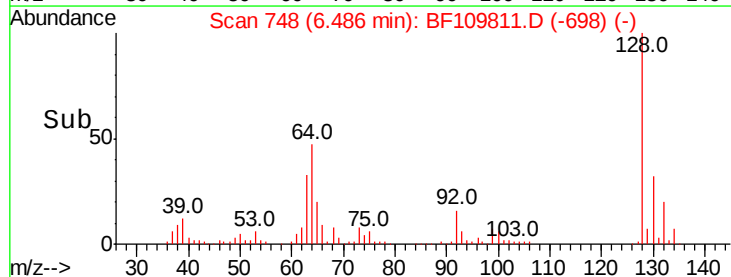
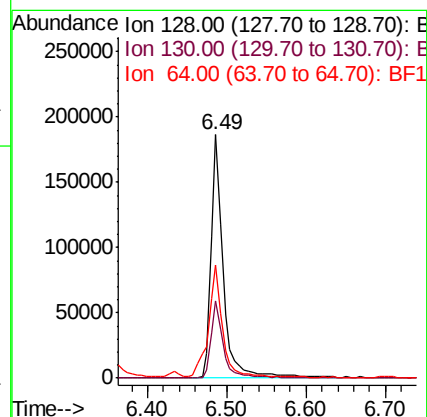
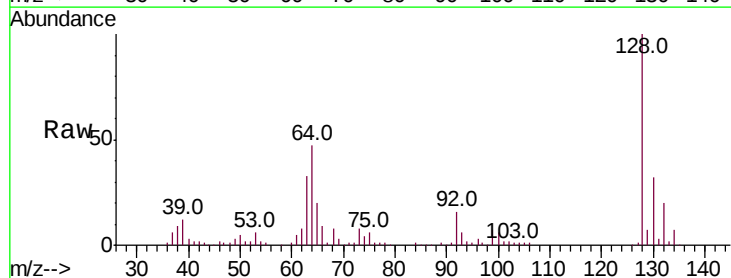
RT: 6.49 min Scan# 748

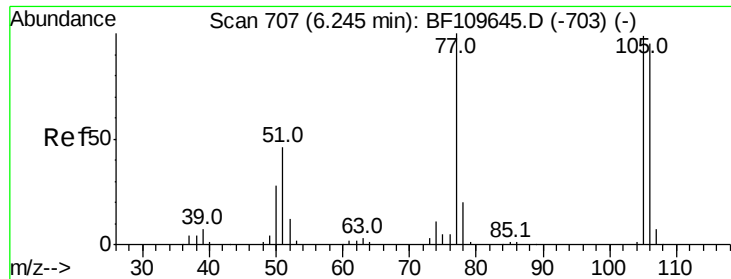
Delta R.T. -0.01 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Tgt Ion:	128	Resp:	203344
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.1	53.1
64	46.6	26.0	66.0



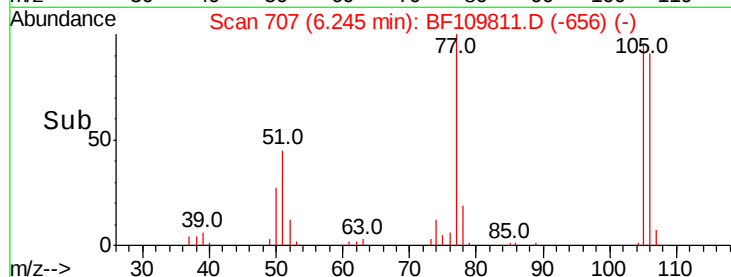
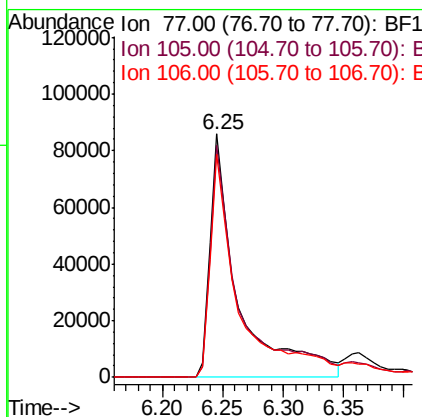
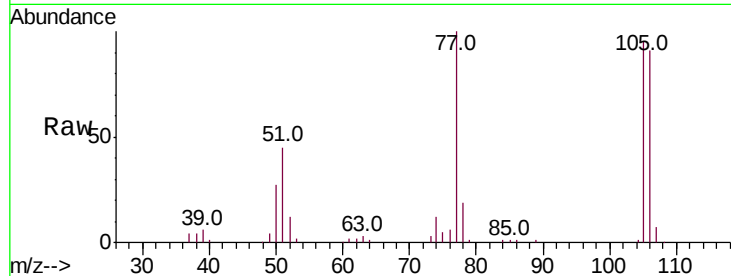


#9
Benzaldehyde
Concen: 40.795 ng
RT: 6.25 min Scan# 707
Delta R.T. -0.00 min
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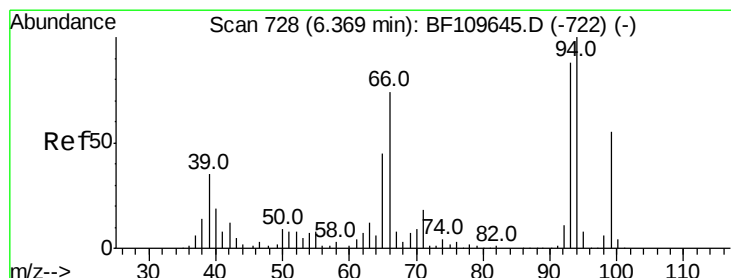
Tot Ion	Ratio	Lower	Upper
77	100		
105	95.3	78.6	118.6
106	91.5	74.8	114.8

Manual Integrations
APPROVED



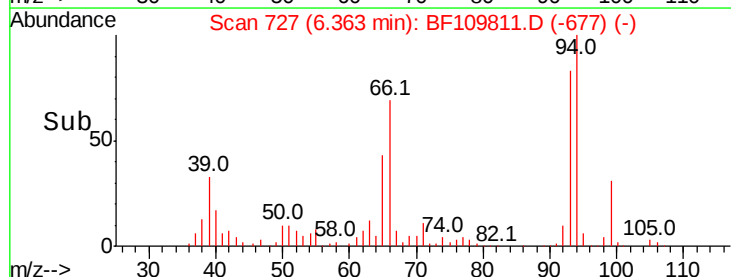
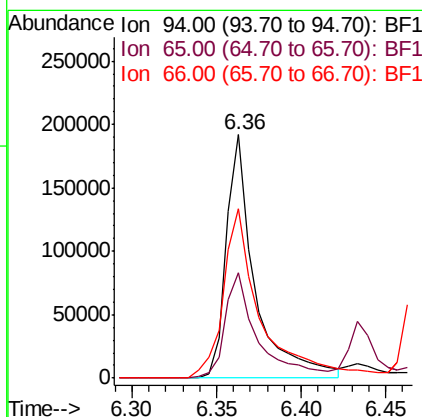
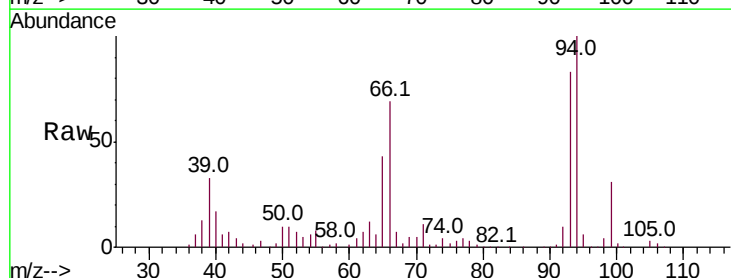
Sohil

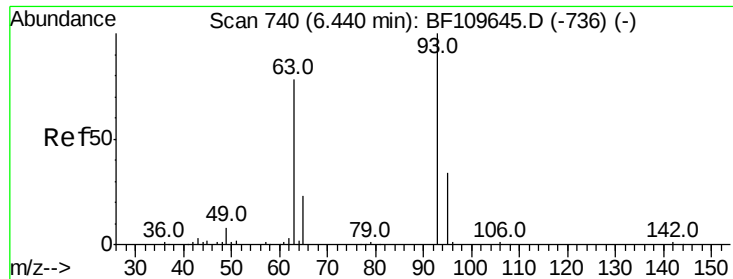
10/12/2018 11:01:43 AM



#10
Phenol
Concen: 36.917 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
94	100		
65	43.3	25.3	65.3
66	69.4	54.5	94.5



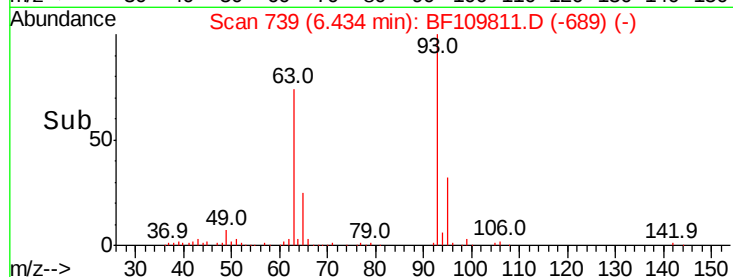
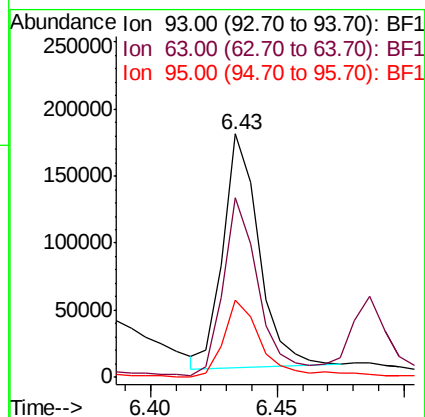
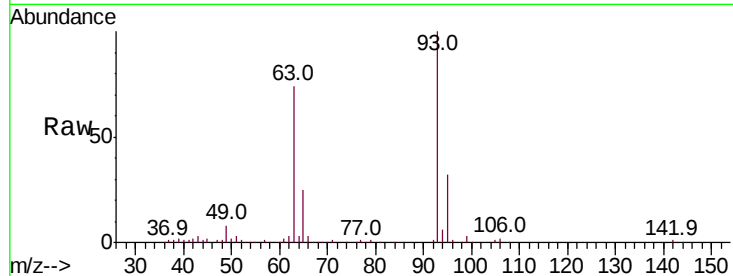


#11
bis(2-Chloroethyl)ether
Concen: 33.982 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

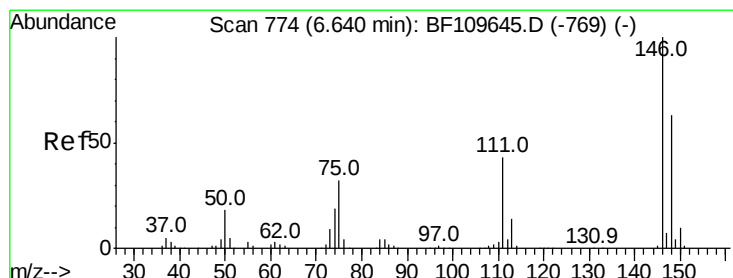
Tot Ion:	93	Resp:	172847
Ion Ratio	Lower	Upper	
93	100		
63	73.6	53.4	93.4
95	31.6	12.1	52.1

Manual Integrations
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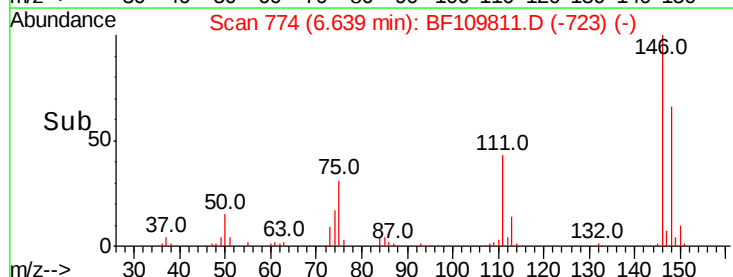
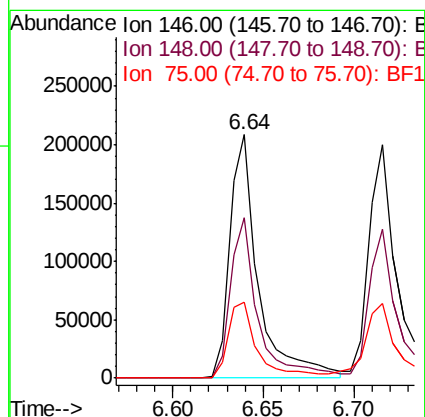
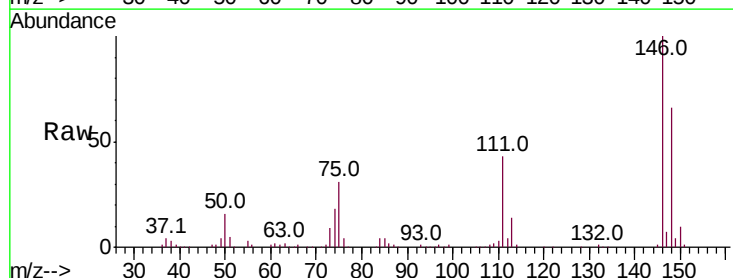
Sohil

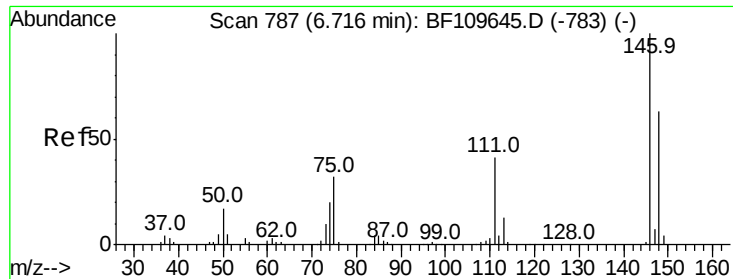
10/12/2018 11:01:43 AM



#12
1,3-Dichlorobenzene
Concen: 40.659 ng
RT: 6.64 min Scan# 774
Delta R.T. -0.00 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion:	146	Resp:	229065
Ion Ratio	Lower	Upper	
146	100		
148	65.7	50.4	75.6
75	31.1	25.8	38.6



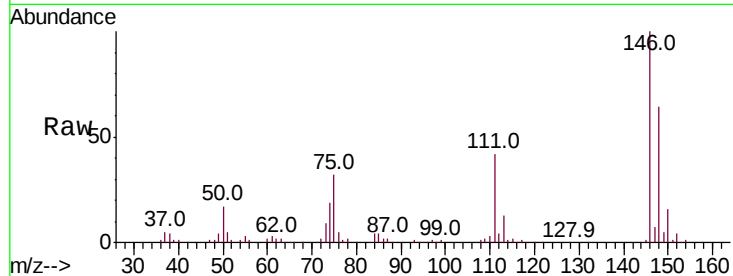


#13
1,4-Dichlorobenzene
Concen: 41.107 ng
RT: 6.72 min Scan# 787
Delta R.T. -0.00 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.3	75.5
111	41.9	32.7	49.1

Manual Integrations
APPROVED

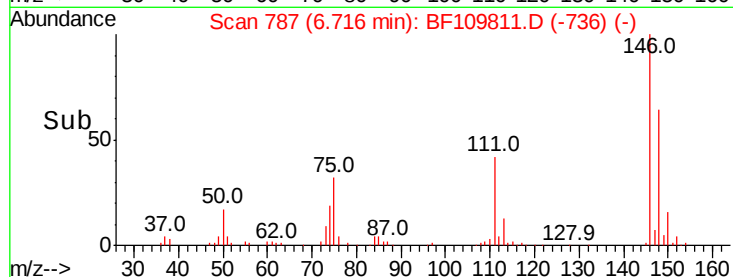
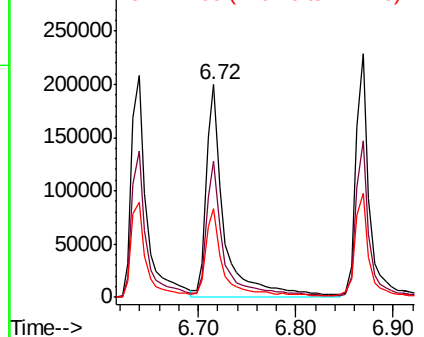


Abundance

Ion 146.00 (145.70 to 146.70): E

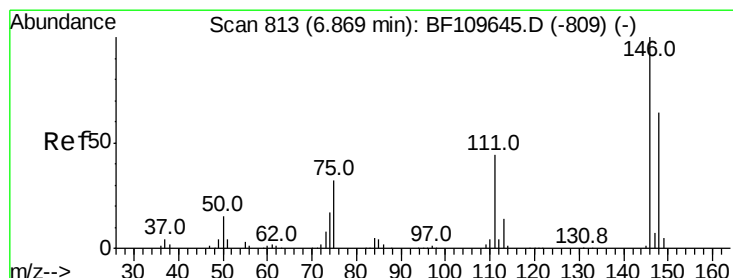
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



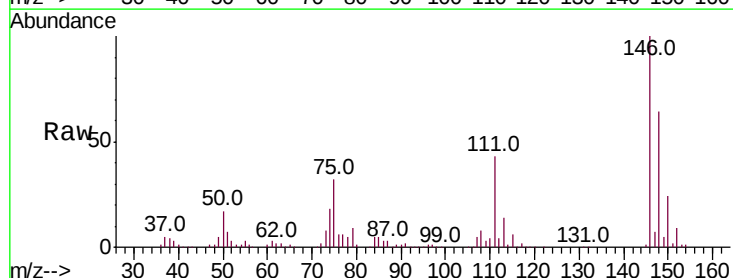
Sohil

10/12/2018 11:01:43 AM



#14
1,2-Dichlorobenzene
Concen: 41.712 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.00 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.1	76.7
111	42.7	35.8	53.6

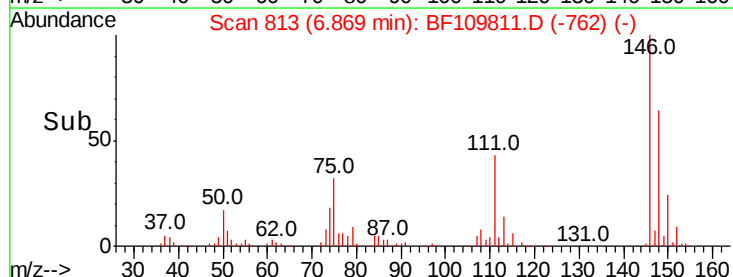
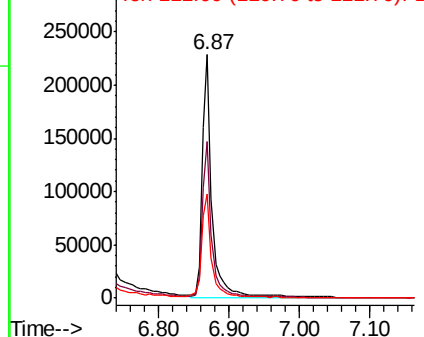


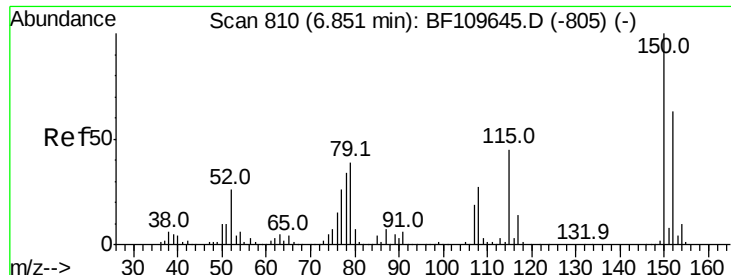
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



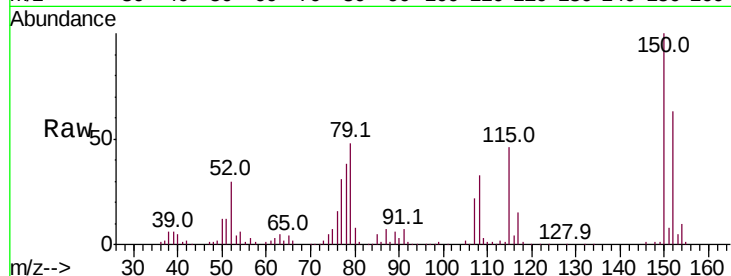


#15
Benzyl Alcohol
Concen: 37.130 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

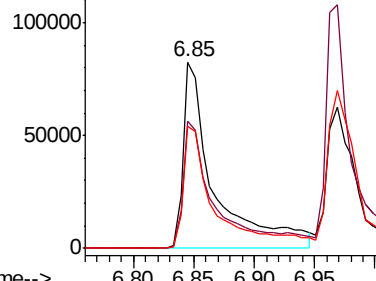
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	68.1	56.3	84.5
77	65.6	52.9	79.3

Manual Integrations
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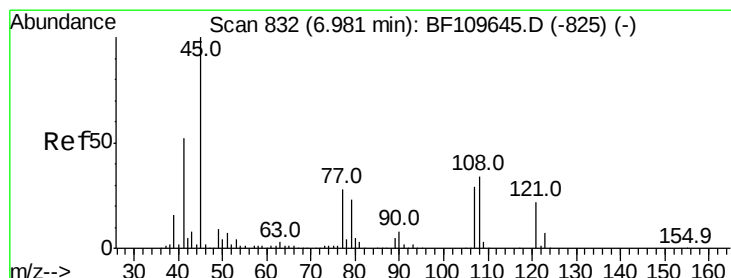
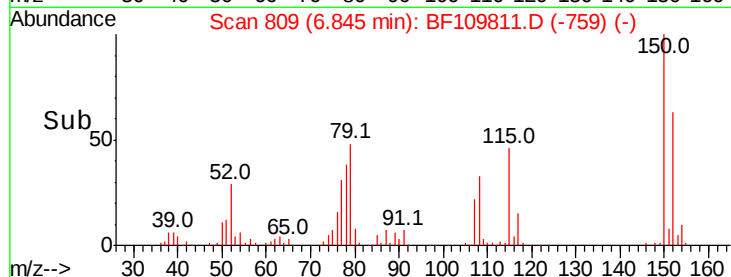


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 108.00 (107.70 to 108.70): BF1
Ion 77.00 (76.70 to 77.70): BF1



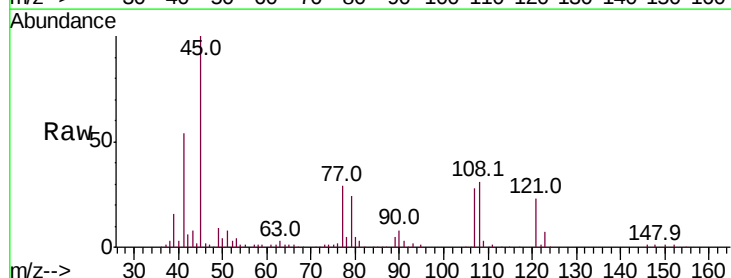
Sohil

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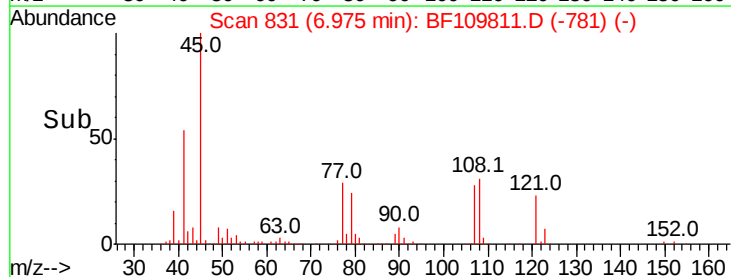
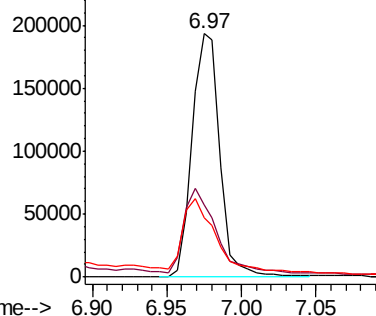


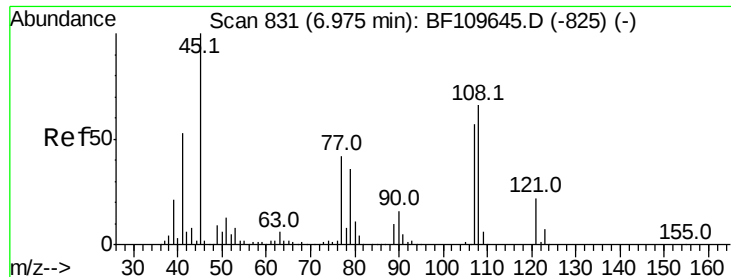
#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.740 ng
RT: 6.97 min Scan# 831
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
45	100		
77	29.5	10.0	50.0
79	24.2	6.1	46.1



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



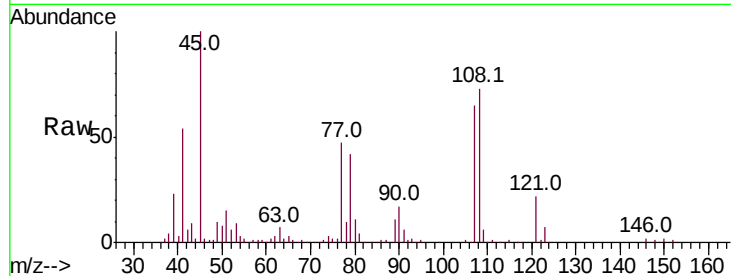


#17
2-Methylphenol
Concen: 36.705 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.3	92.6	138.8
77	72.3	59.4	89.2
79	64.5	54.0	81.0

Manual Integrations
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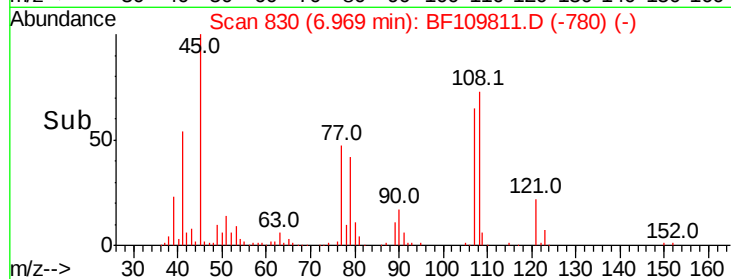
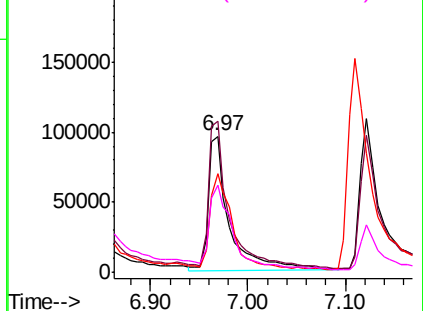
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

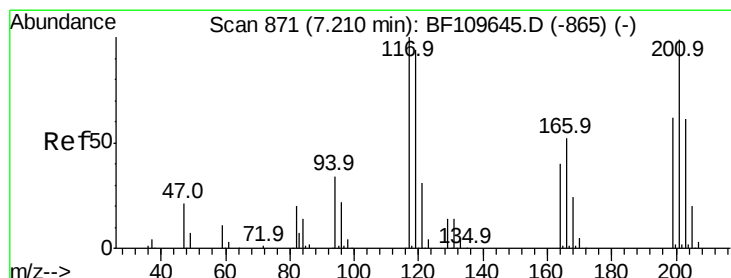
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



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#18
Hexachloroethane
Concen: 35.167 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

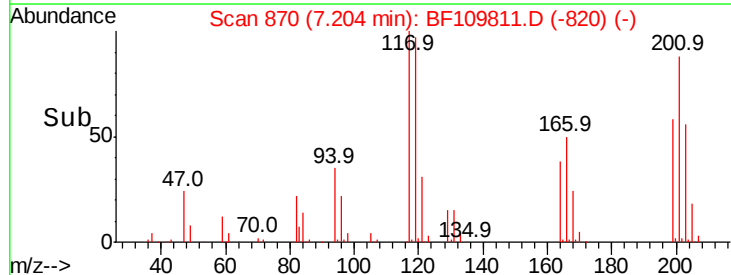
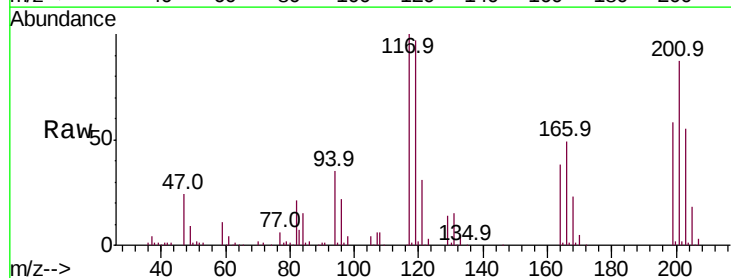
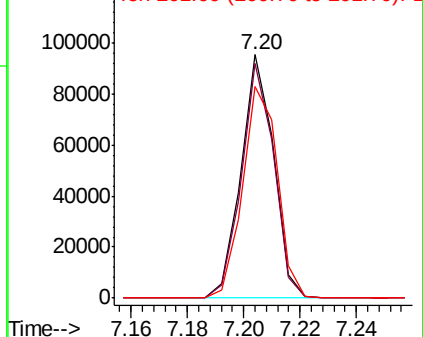
Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.5	75.0	112.6
201	86.9	79.2	118.8

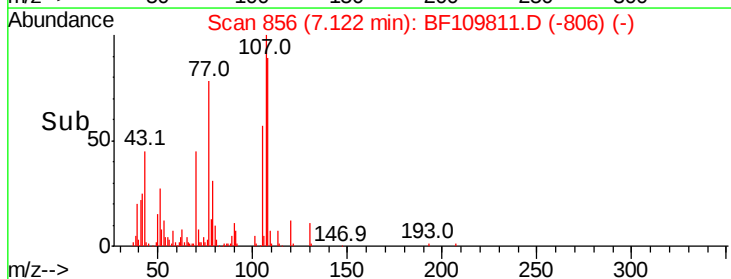
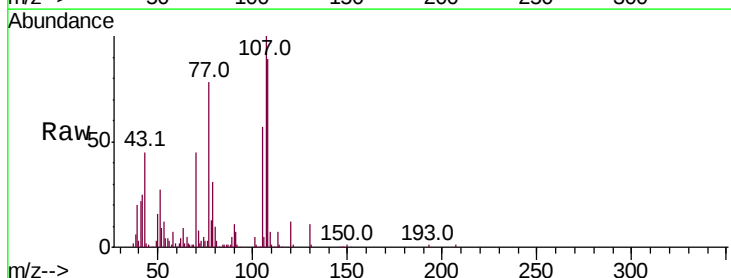
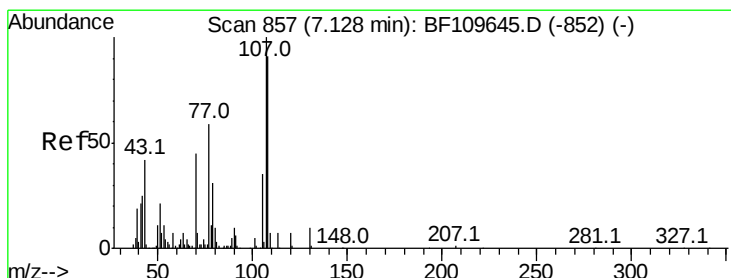
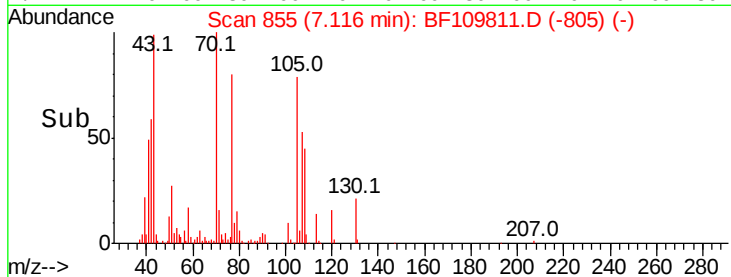
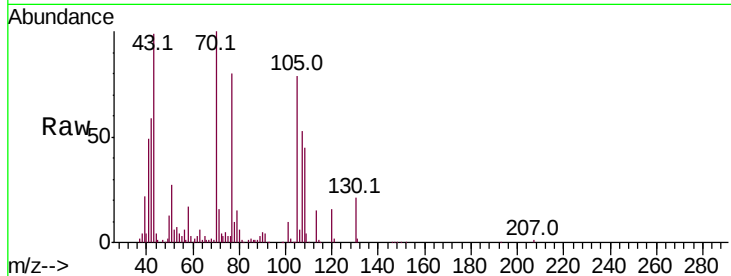
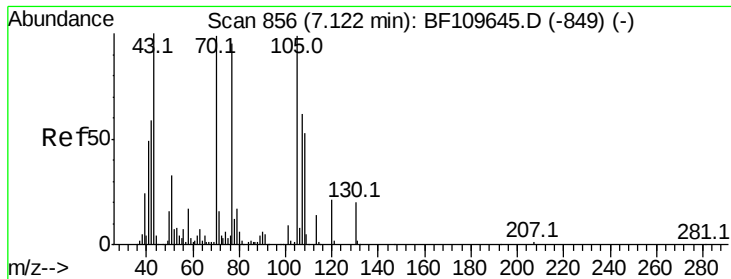
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

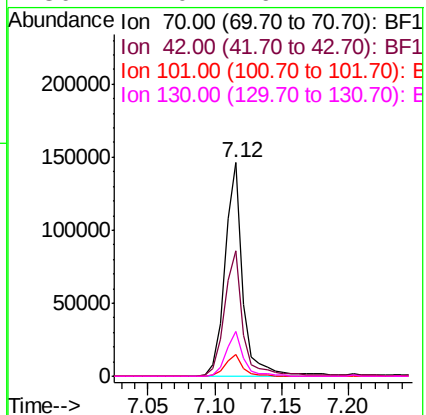
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 36.910 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.7	47.4	71.2	
101	10.2	7.3	10.9	
130	21.0	16.2	24.2	



Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

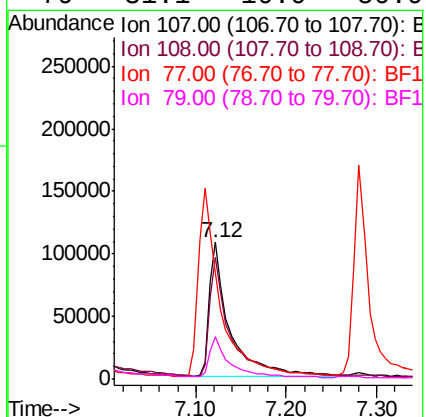
Manual Integrations
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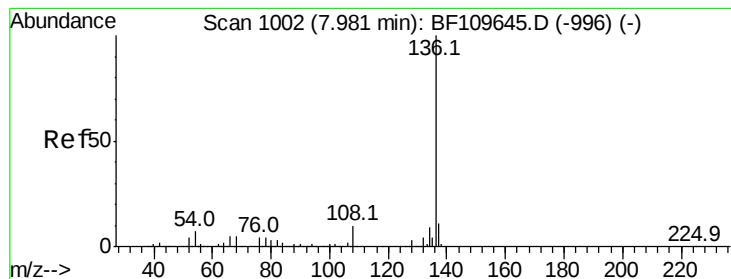
Sohil

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#20
3+4-Methylphenols
Concen: 35.349 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	89.2	71.4	111.4	
77	77.5	47.3	87.3	
79	31.1	10.9	50.9	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.01 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Instrument :

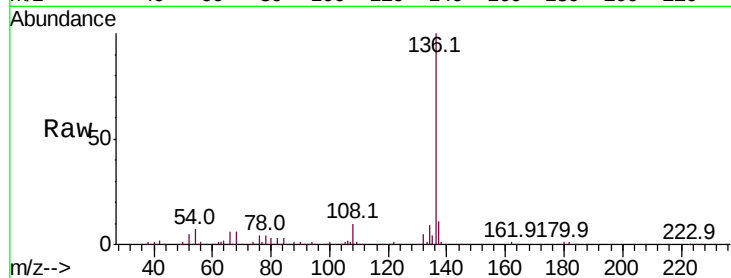
BNA_F

ClientSampleId :

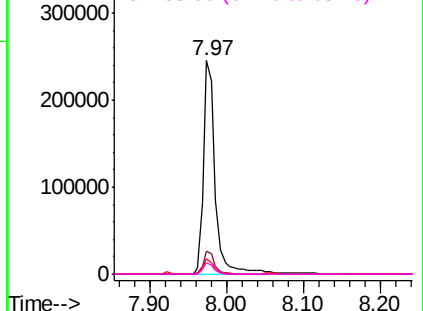
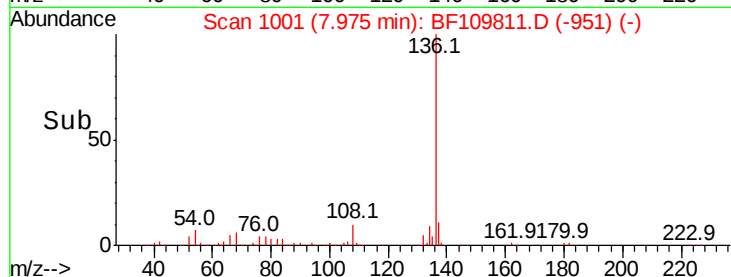
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	264672		
137	10.6		8.8	13.2
54	7.3		5.4	8.2
68	5.6		4.2	6.2

Manual Integrations
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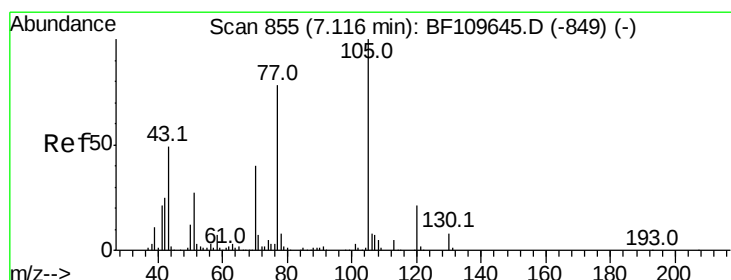


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1



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#22

Acetophenone

Concen: 41.660 ng

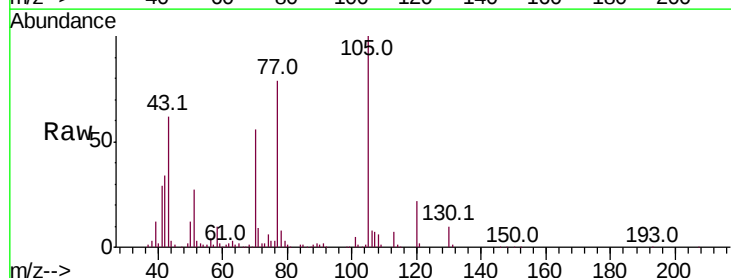
RT: 7.11 min Scan# 854

Delta R.T. -0.01 min

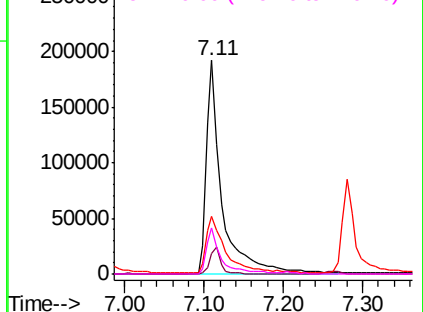
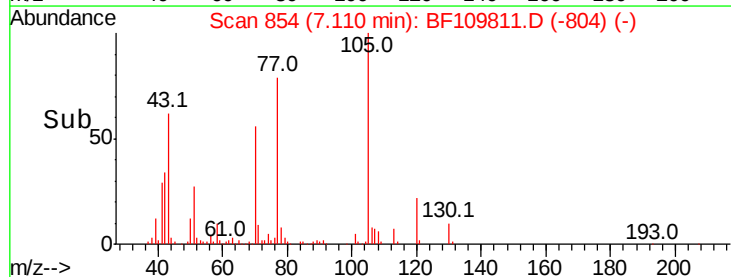
Lab File: BF109811.D

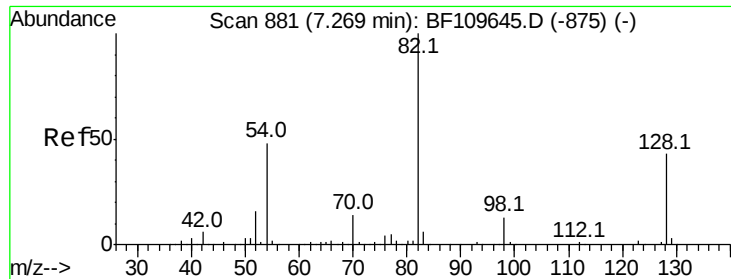
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	266633		
71	9.3		5.2	7.8#
51	27.0		21.8	32.8
120	21.5		17.0	25.4



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BF1
Ion 51.00 (50.70 to 51.70): BF1
Ion 120.00 (119.70 to 120.70): E



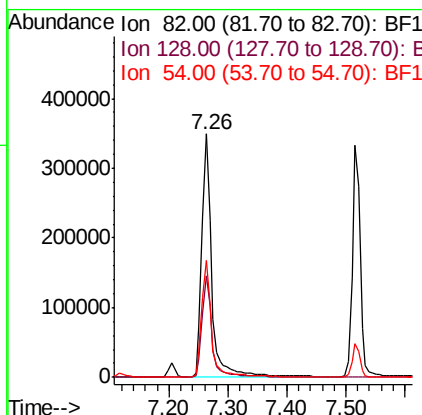
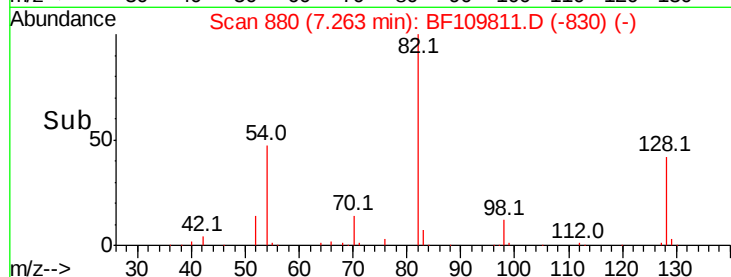
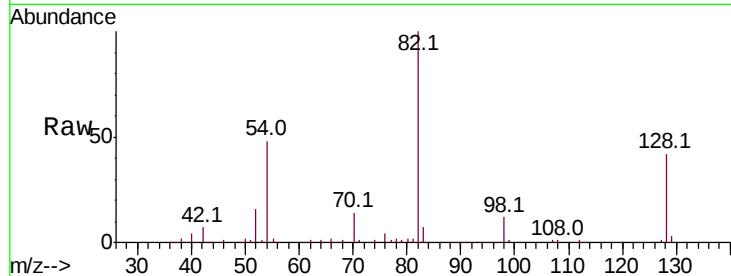


#23
Nitrobenzene-d5
Concen: 85.917 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

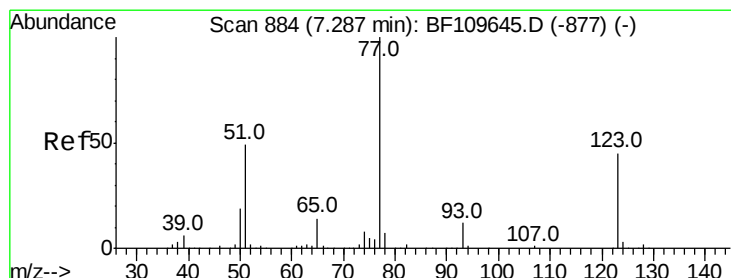
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.6	34.2	51.2
54	48.0	38.6	58.0

Manual Integrations
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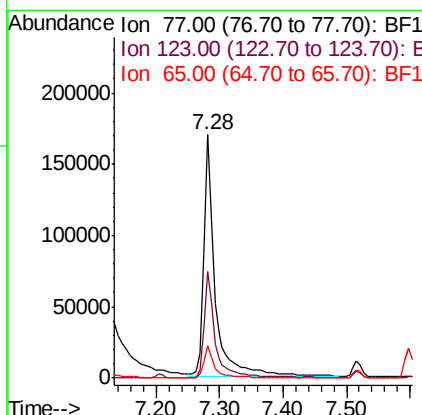
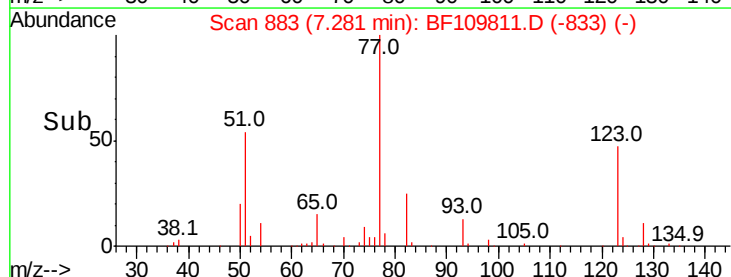
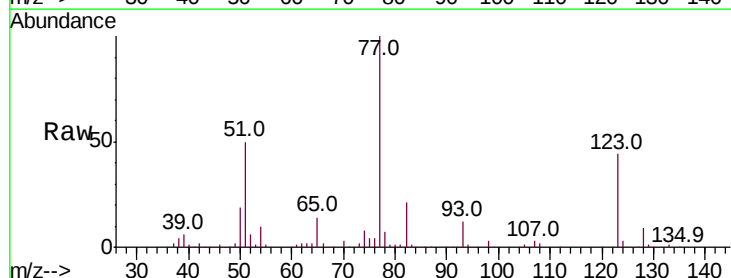
Sohil

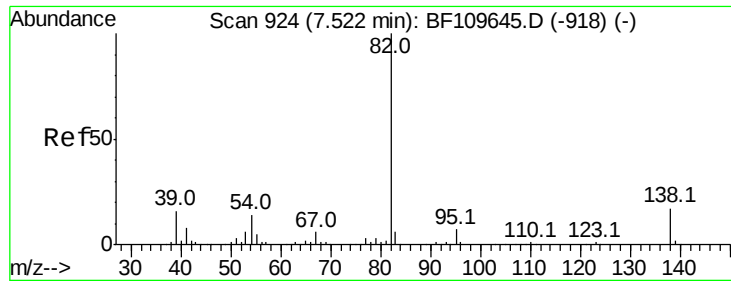
10/12/2018 11:01:43 AM



#24
Nitrobenzene
Concen: 42.022 ng
RT: 7.28 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
77	100		
123	43.8	35.7	53.5
65	13.5	10.7	16.1





#25

Isophorone

Concen: 38.791 ng

RT: 7.52 min Scan# 923

Delta R.T. -0.01 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Instrument :

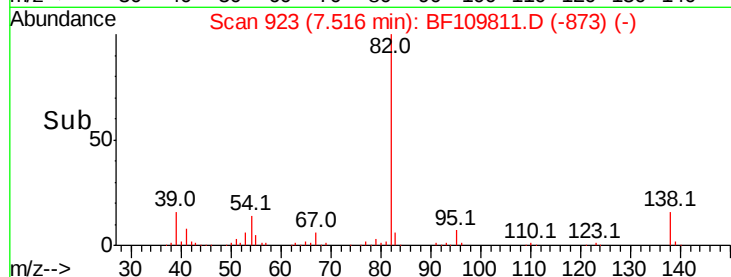
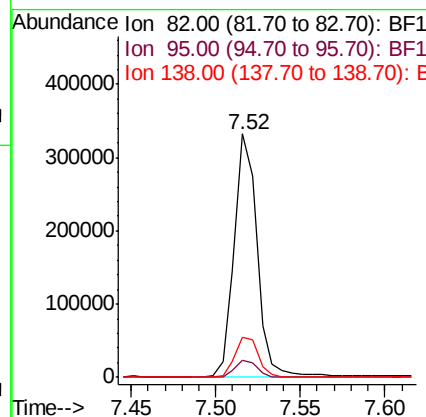
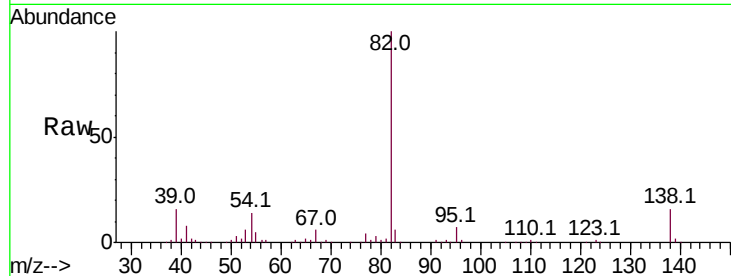
BNA_F

ClientSampleId :

SSTDCCC040

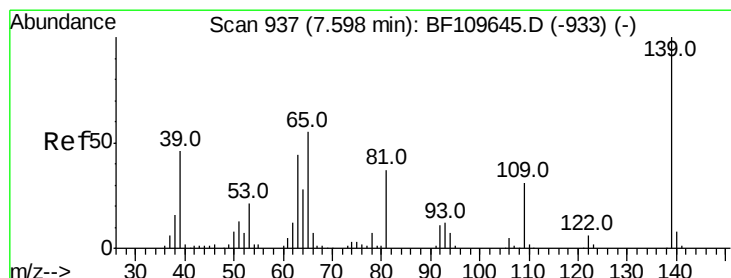
Tot Ion:	82	Resp:	309283
Ion Ratio		Lower	Upper
82	100		
95	7.1	5.7	8.5
138	16.3	13.2	19.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 21.519 ng

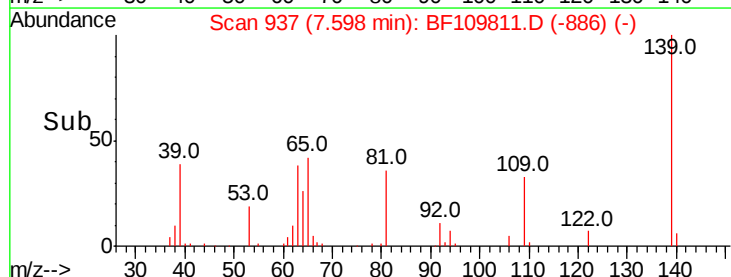
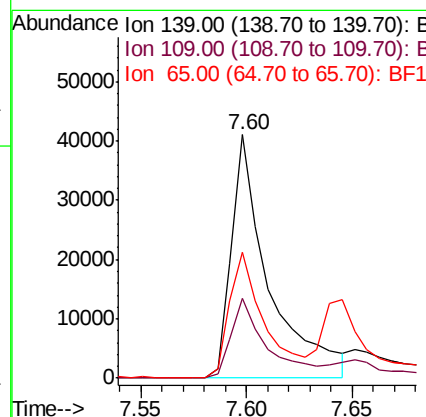
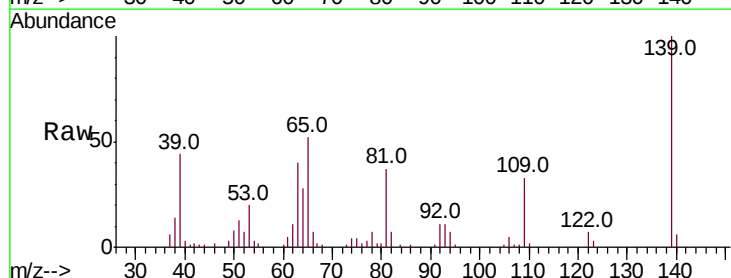
RT: 7.60 min Scan# 937

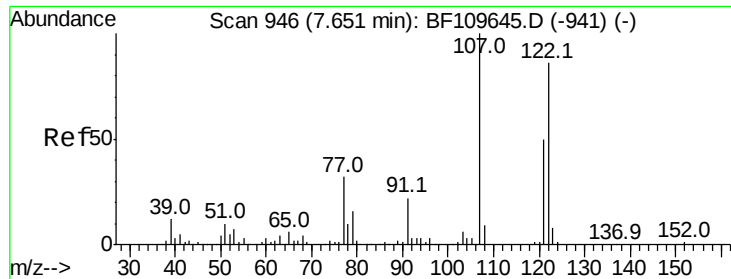
Delta R.T. -0.00 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Tgt Ion:	139	Resp:	50288
Ion Ratio		Lower	Upper
139	100		
109	32.5	25.0	37.6
65	51.7	44.0	66.0



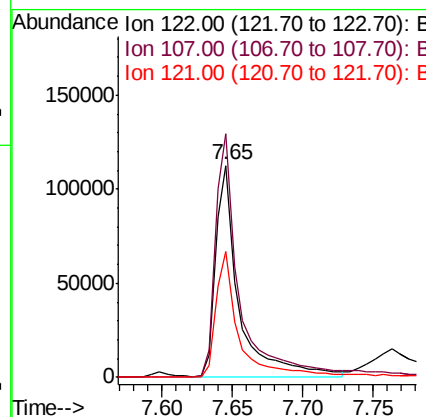
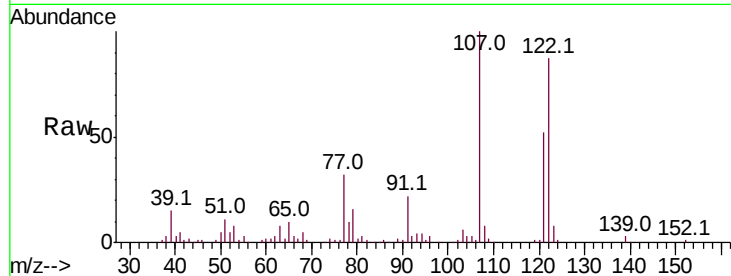


#27
2,4-Dimethylphenol
Concen: 37.903 ng
RT: 7.65 min Scan# 945
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

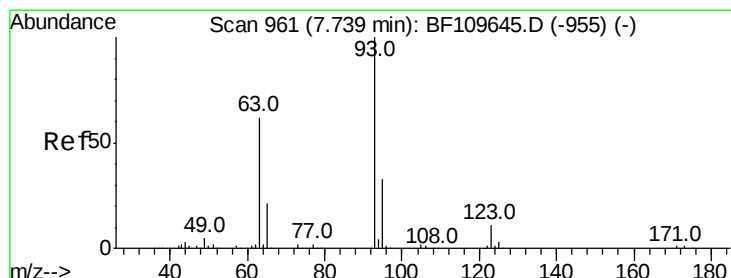
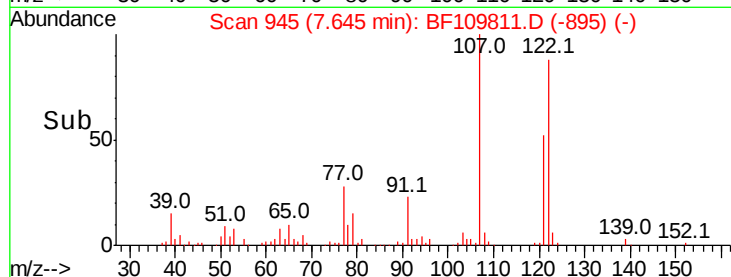
Tot Ion	Ratio	Resp	Lower	Upper
122	100			
107	115.0	92.5	138.7	
121	59.2	45.8	68.8	

Manual Integrations
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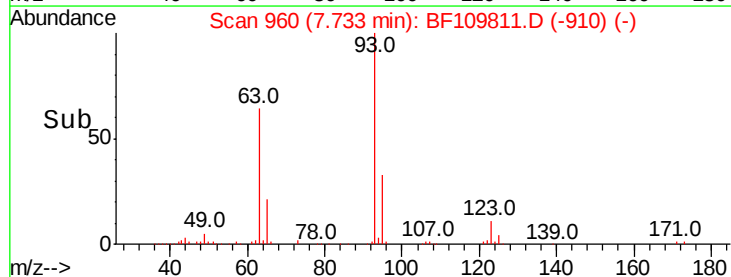
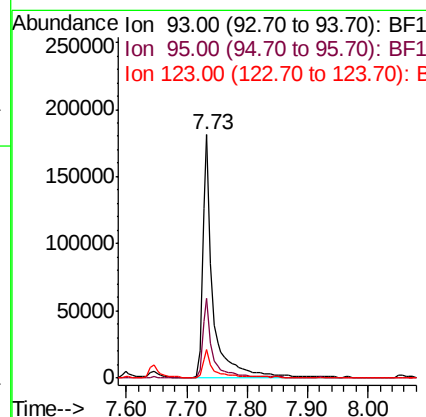
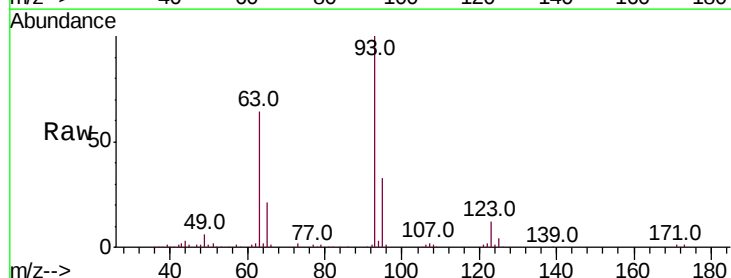
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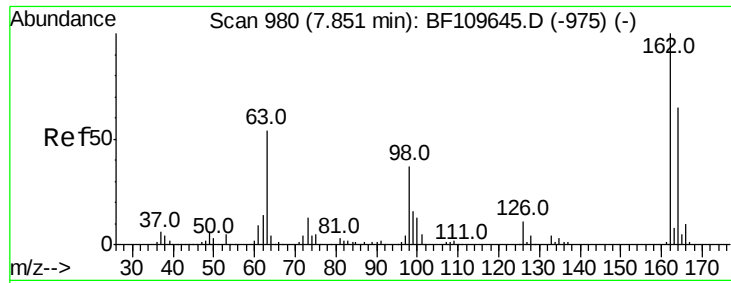
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#28
bis(2-Chloroethoxy)methane
Concen: 39.426 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
95	32.7	26.4	39.6	
123	11.7	9.0	13.6	



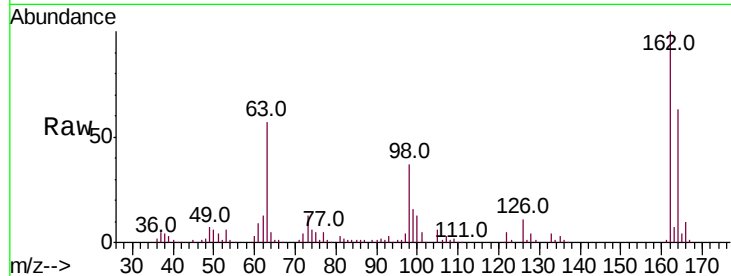


#29
 2,4-Dichlorophenol
 Concen: 37.289 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

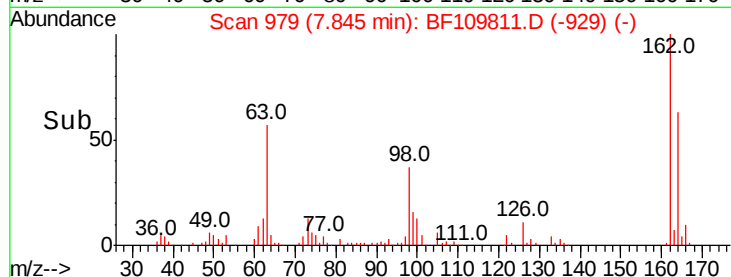
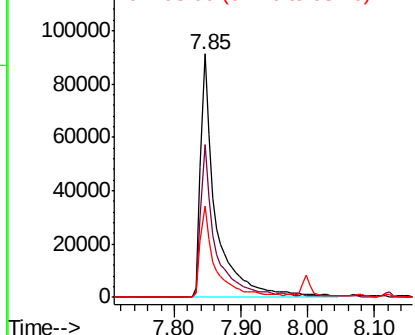
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	141150		
164	62.6		44.6	84.6
98	37.4		17.4	57.4

Manual Integrations
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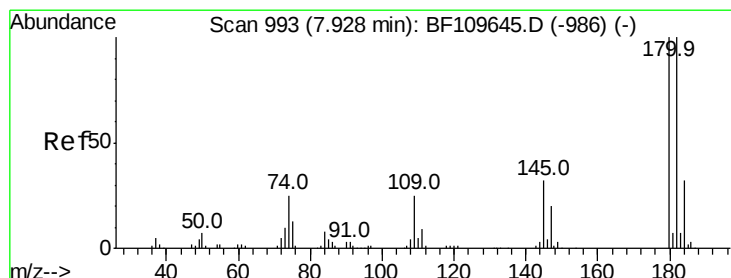


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1



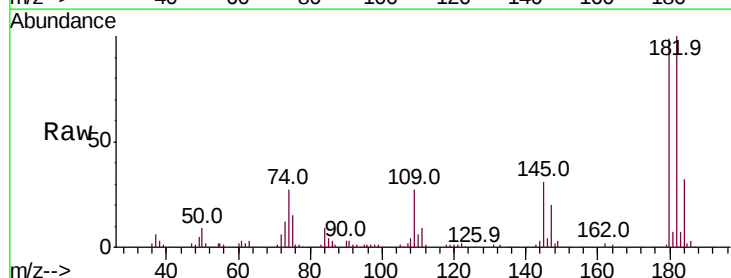
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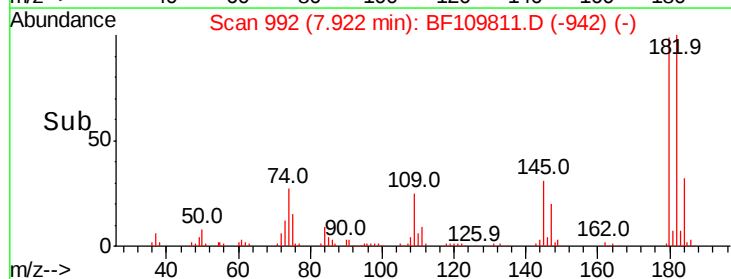
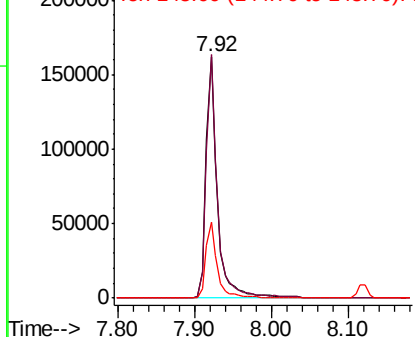


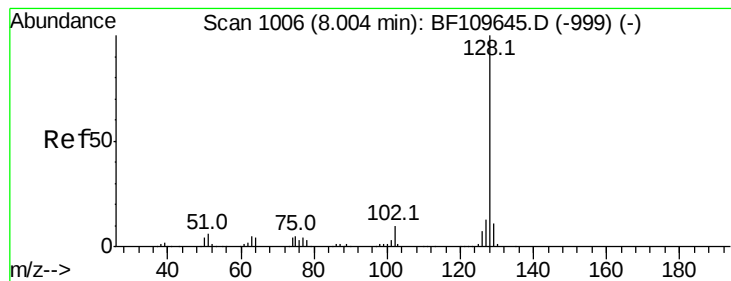
#30
 1,2,4-Trichlorobenzene
 Concen: 40.173 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	168337		
182	100.7		80.3	120.5
145	31.4		25.4	38.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 37.805 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Instrument :

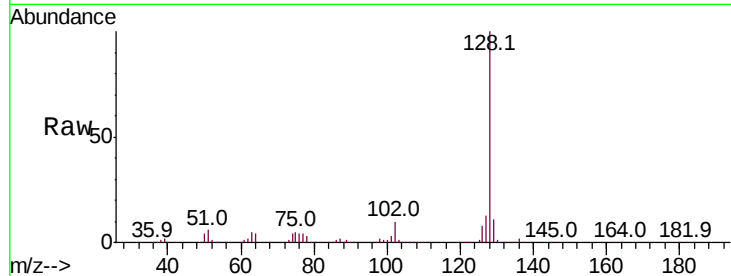
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:	128	Resp:	462752
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.8	13.2
127	13.1	10.8	16.2

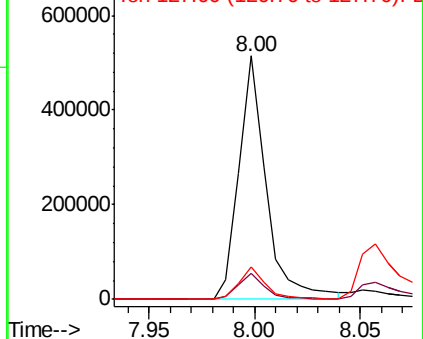
Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E

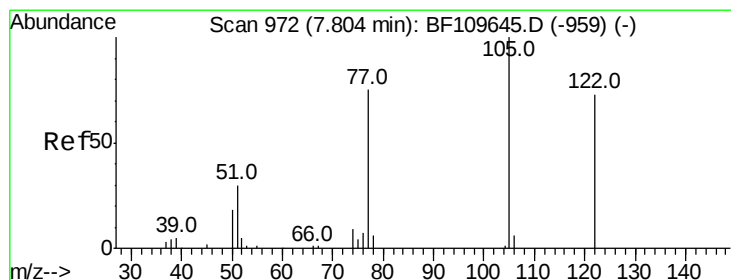
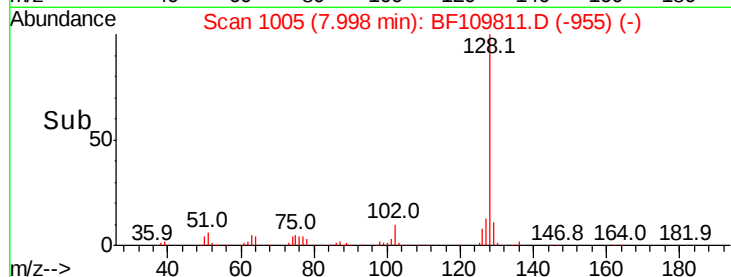
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



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#32

Benzoic acid

Concen: 20.041 ng

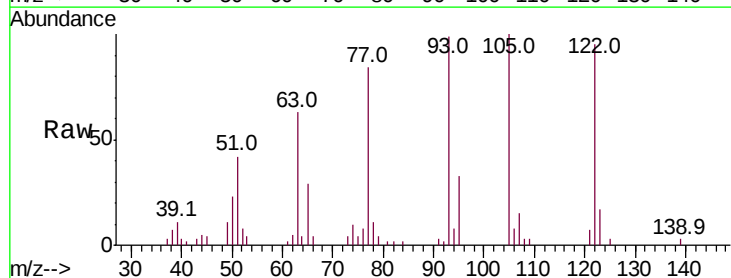
RT: 7.76 min Scan# 965

Delta R.T. -0.04 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

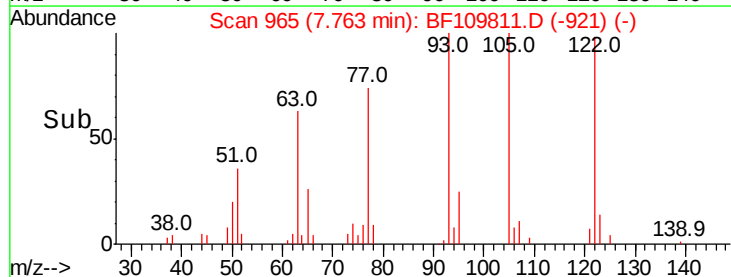
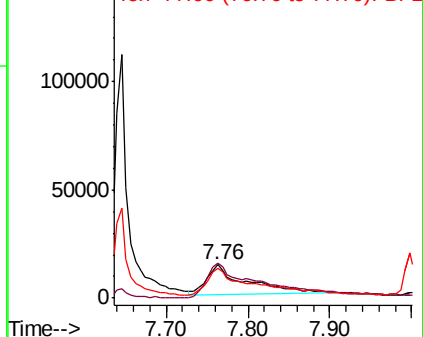
Tgt Ion:	122	Resp:	48354
Ion Ratio	Lower	Upper	
122	100		
105	105.3	109.0	149.0#
77	88.3	79.0	119.0

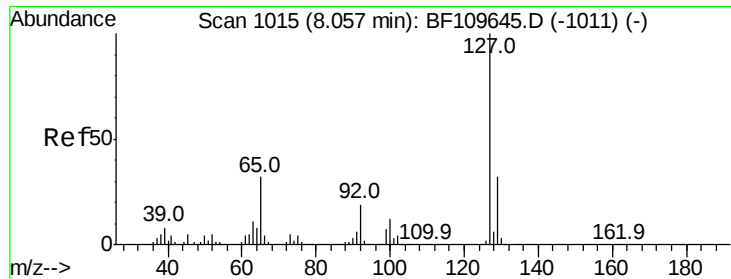


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



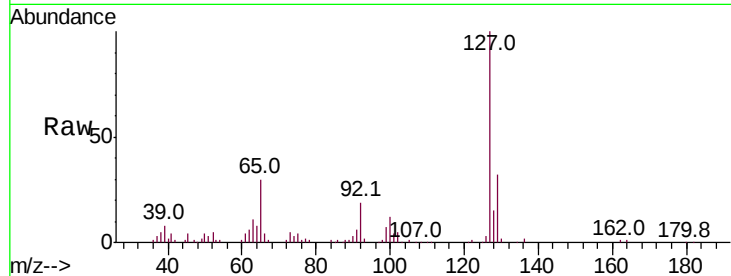


#33
4-Chloroaniline
Concen: 38.240 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

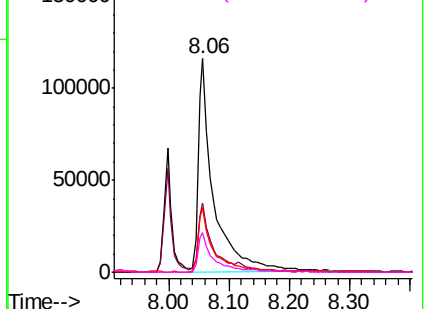
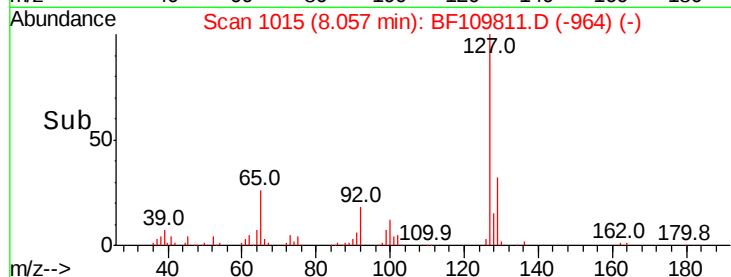
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	32.2	26.0	39.0		
65	29.7	25.1	37.7		
92	18.6	15.0	22.6		

Manual Integrations
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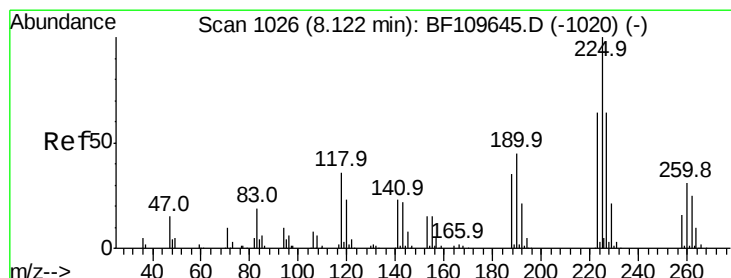


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1



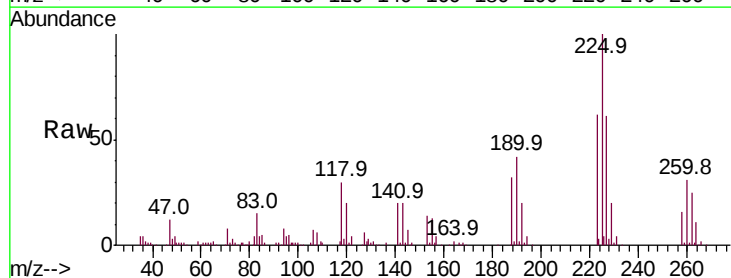
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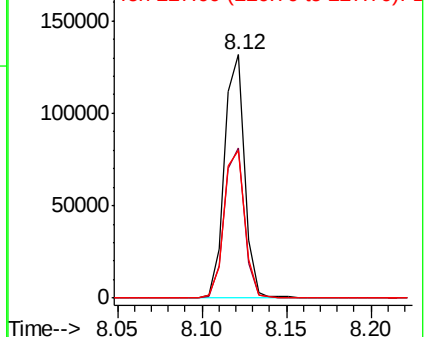
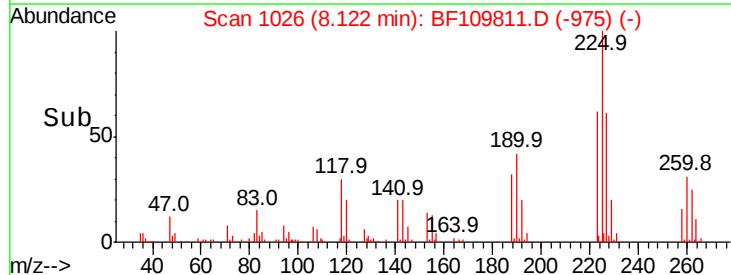


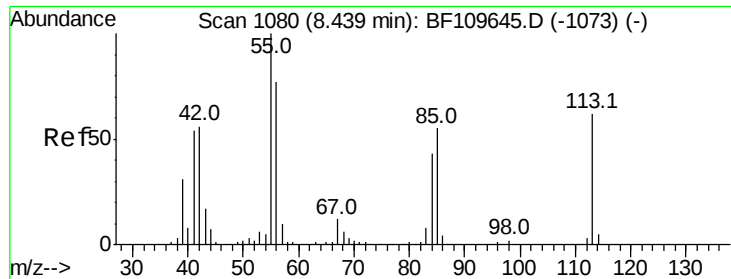
#34
Hexachlorobutadiene
Concen: 41.906 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.8	51.4	77.2		
227	60.8	51.0	76.6		



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



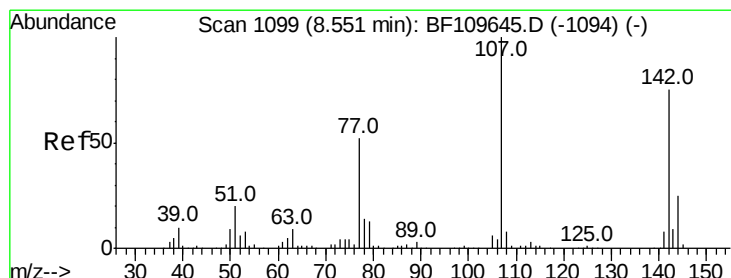
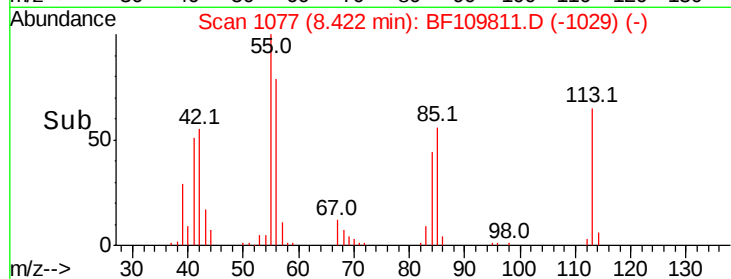
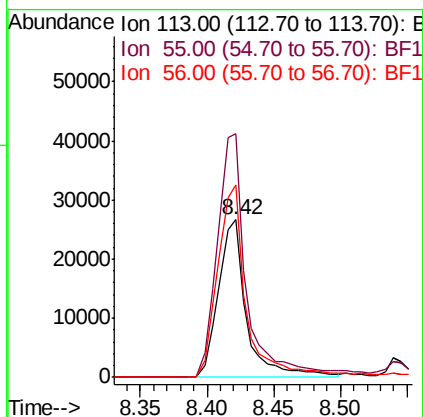
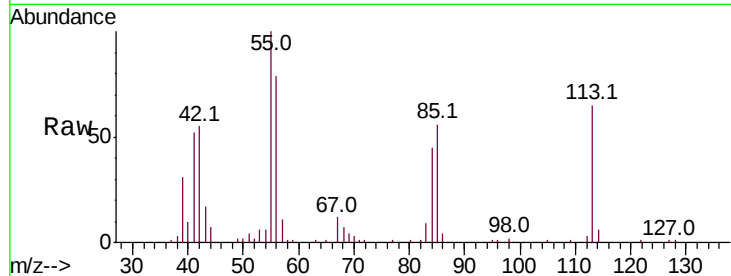


#35
Caprolactam
Concen: 35.190 ng
RT: 8.42 min Scan# 1077
Delta R.T. -0.02 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

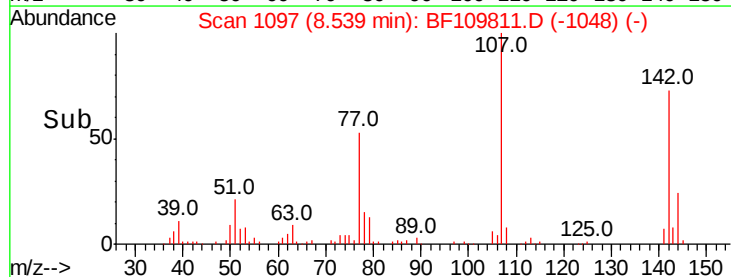
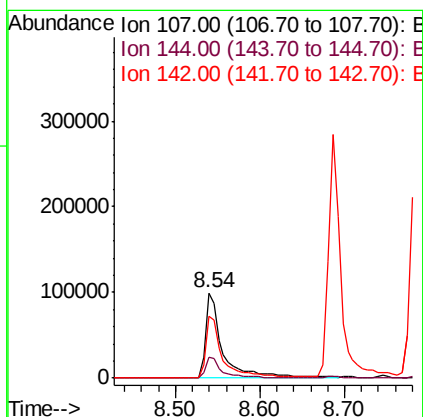
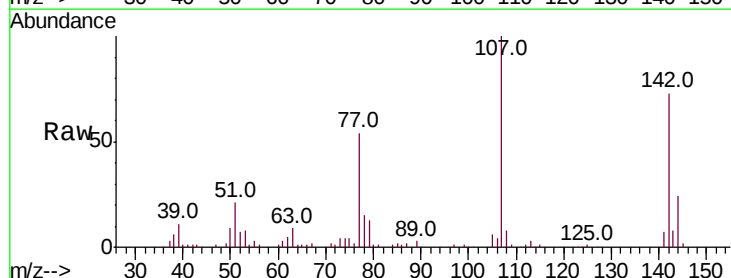
Tot Ion:113 Resp: 39780
Ion Ratio Lower Upper
113 100
55 154.8 142.8 182.8
56 122.1 105.0 145.0

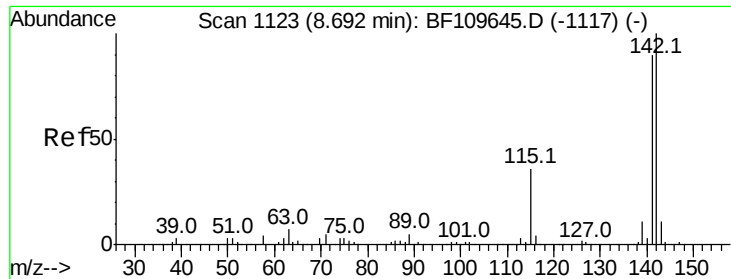
Manual Integrations
APPROVED



#36
4-Chloro-3-methylphenol
Concen: 35.140 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion:107 Resp: 140408
Ion Ratio Lower Upper
107 100
144 23.9 20.0 30.0
142 72.9 59.7 89.5



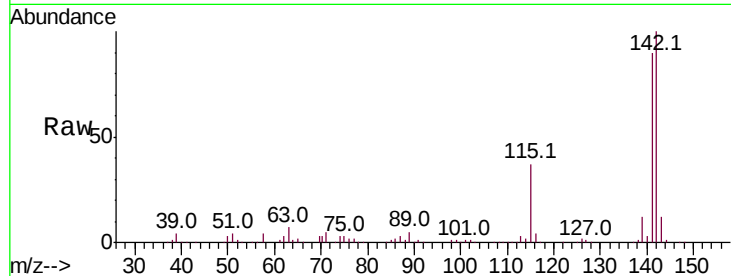


#37
2-Methylnaphthalene
Concen: 35.489 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

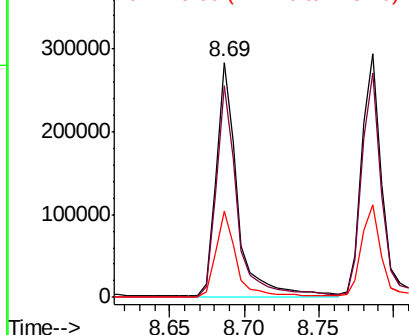
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
142	100	284550		
141	89.8		71.4	107.2
115	36.6		28.7	43.1

Manual Integrations
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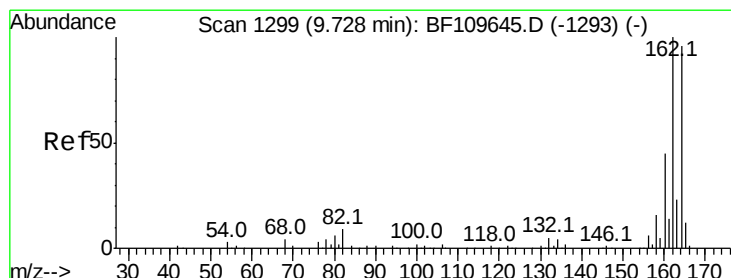
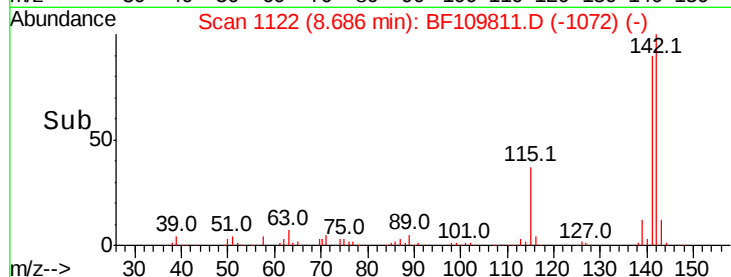


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



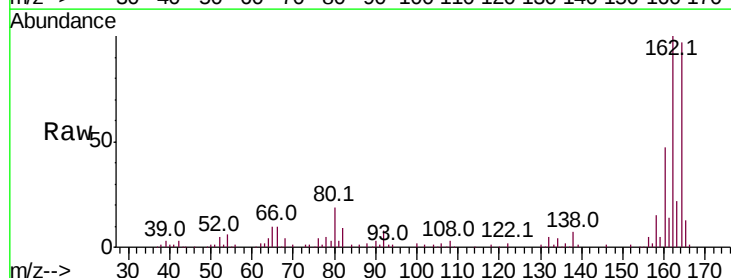
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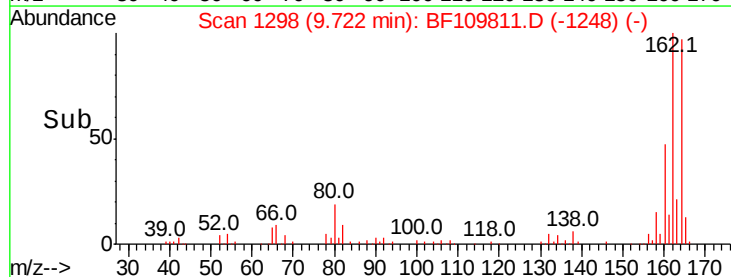
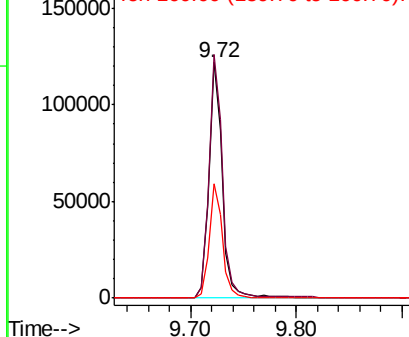


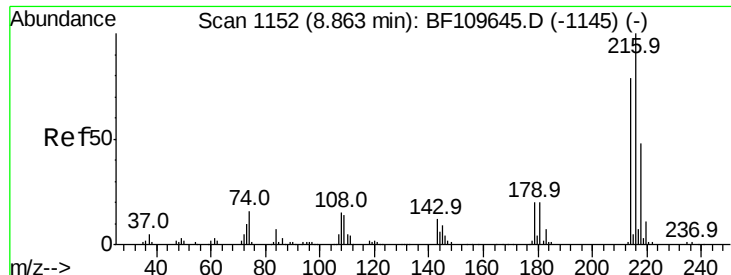
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	108177		
162	103.5		83.0	124.6
160	48.5		37.0	55.6



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



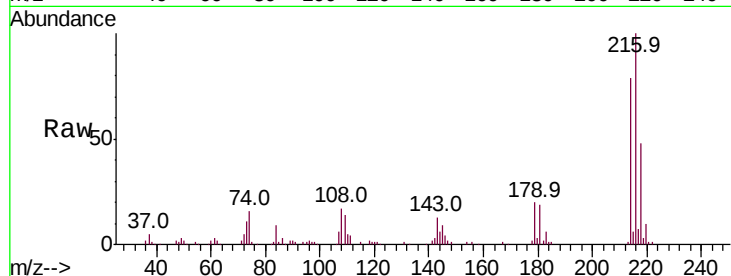


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.656 ng
 RT: 8.86 min Scan# 1151
 Delta R.T. -0.01 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

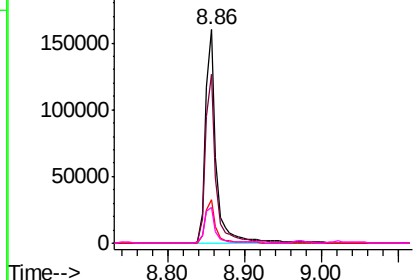
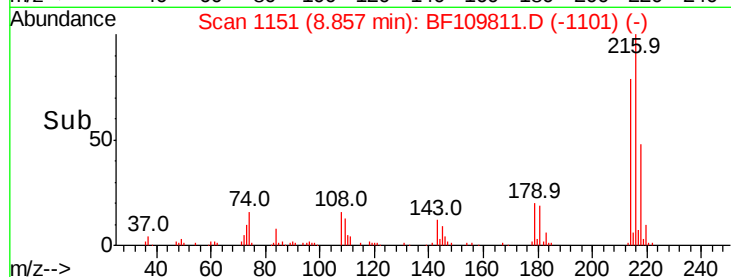
Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	79.0	63.8	95.6
179	20.4	16.6	25.0
108	17.6	15.1	22.7

Manual Integrations
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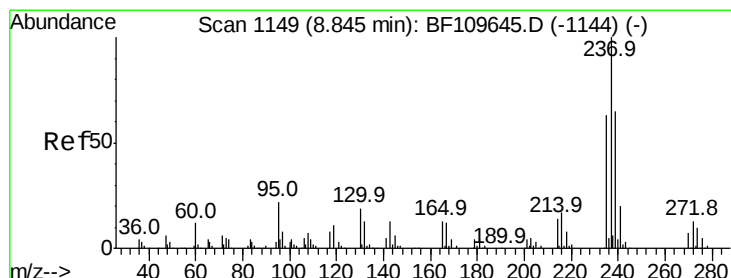


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



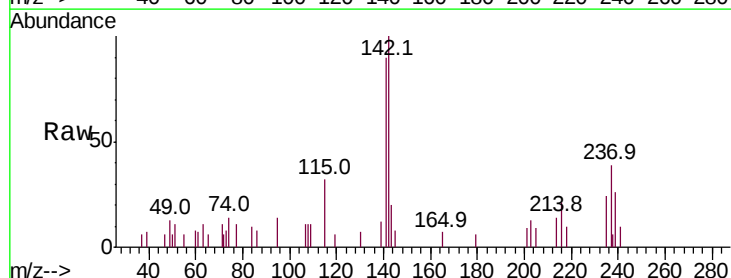
Sohil

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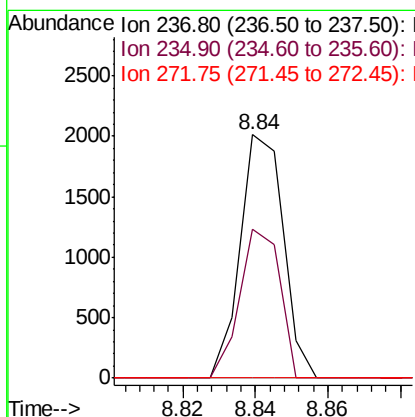
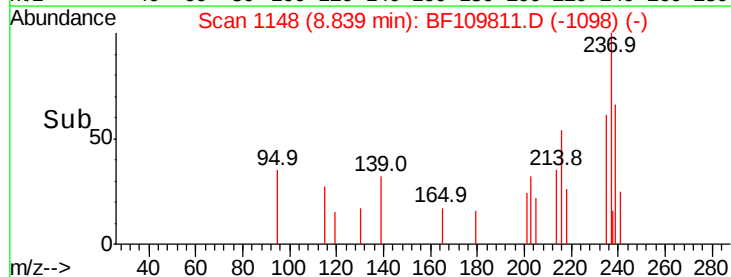


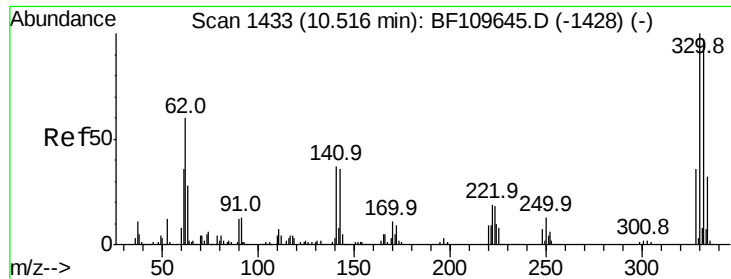
#40
 Hexachlorocyclopentadiene
 Concen: 8.140 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.01 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Resp Lower	Upper
237	100		
235	61.4	43.1	83.1
272	0.0	0.0	32.6



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



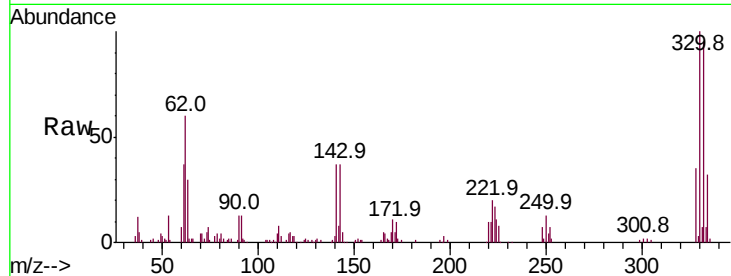


#41
 2,4,6-Tribromophenol
 Concen: 88.788 ng
 RT: 10.51 min Scan# 1432
 Delta R.T. -0.01 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.9	77.1	115.7	
141	32.5	27.0	40.4	

Manual Integrations
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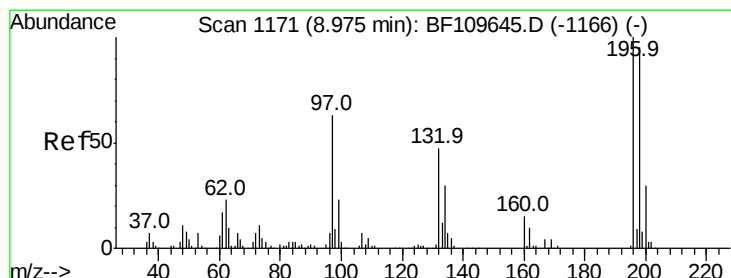
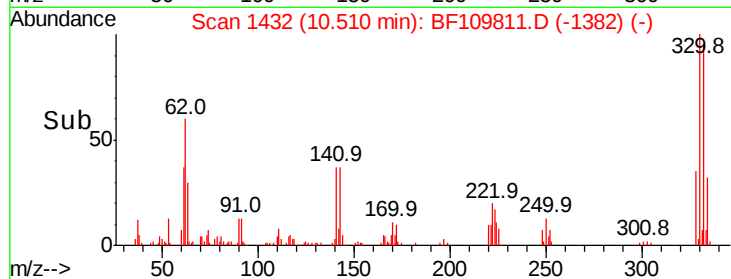
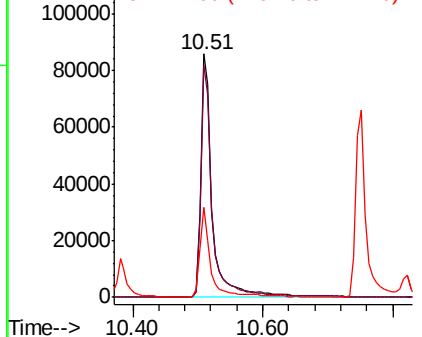


Abundance

Ion 329.80 (329.50 to 330.50): E

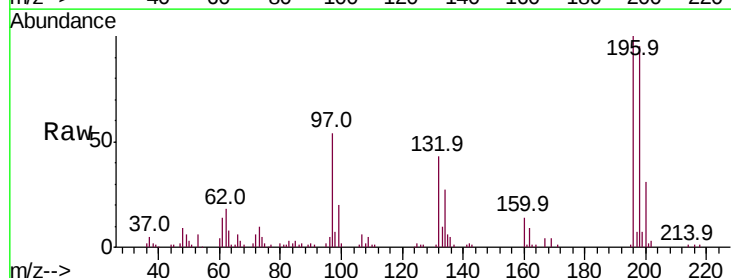
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 38.815 ng
 RT: 8.97 min Scan# 1171
 Delta R.T. -0.00 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
196	100			
198	94.8	76.2	114.4	
200	30.7	24.4	36.6	

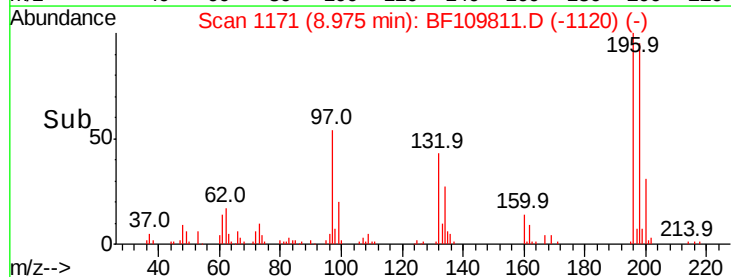
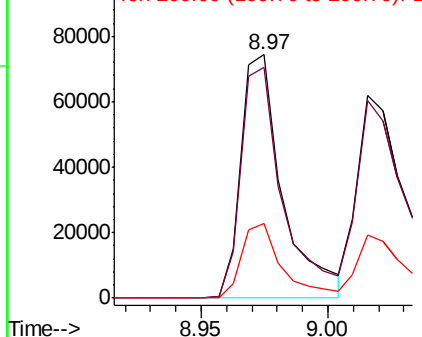


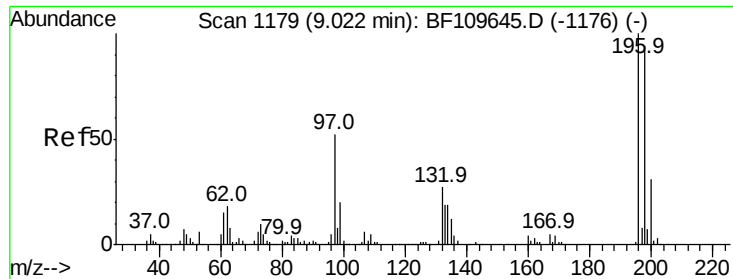
Abundance

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



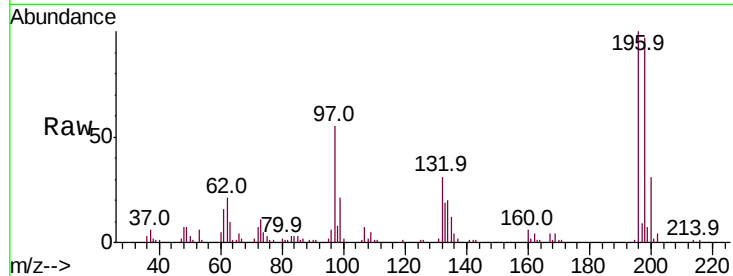


#43
2,4,5-Trichlorophenol
Concen: 39.954 ng
RT: 9.02 min Scan# 1178
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	101125		
198	97.4	75.8	113.6	
97	55.2	42.4	63.6	
132	31.0	22.8	34.2	

Manual Integrations
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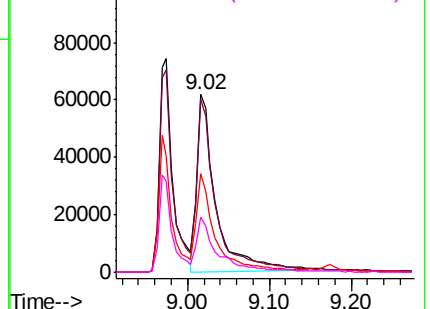
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

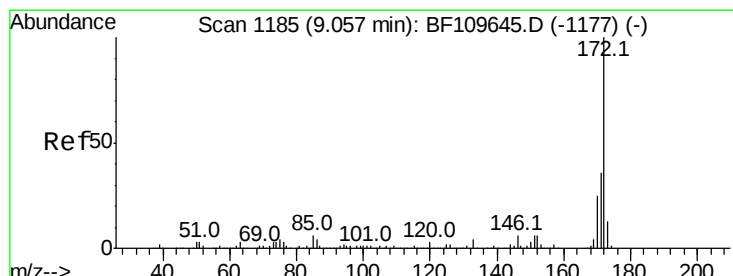
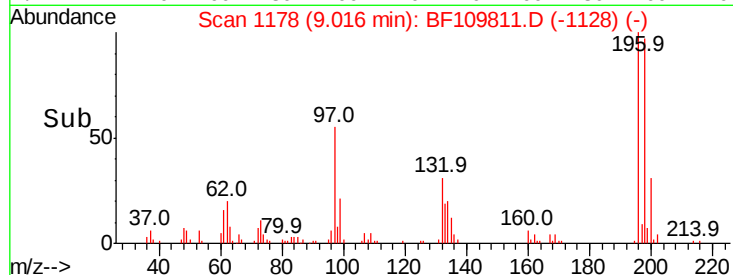
Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E



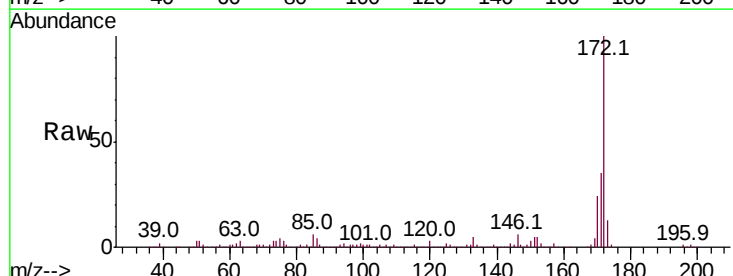
Sohil

10/12/2018 11:01:43 AM



#44
2-Fluorobiphenyl
Concen: 85.701 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	673139		
171	35.5	28.6	43.0	
170	24.4	19.7	29.5	

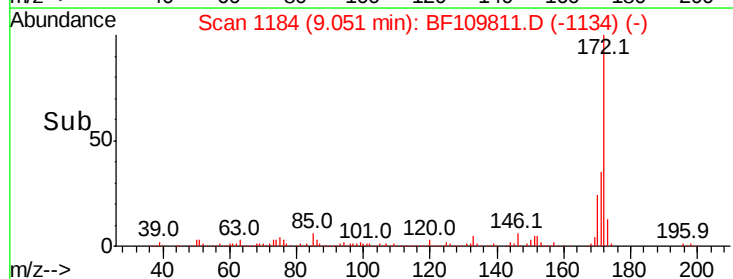
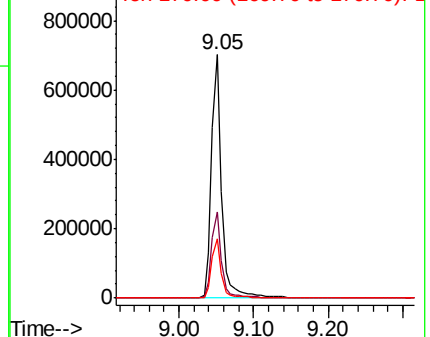


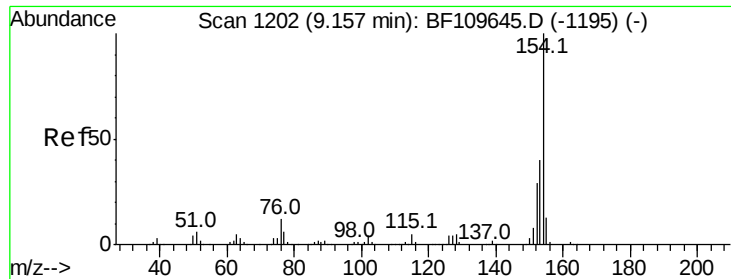
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#45

1,1'-Biphenyl

Concen: 41.848 ng

RT: 9.15 min Scan# 1201

Delta R.T. -0.01 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Instrument :

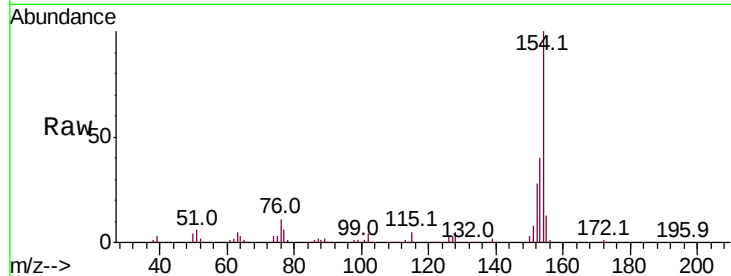
BNA_F

ClientSampleId :

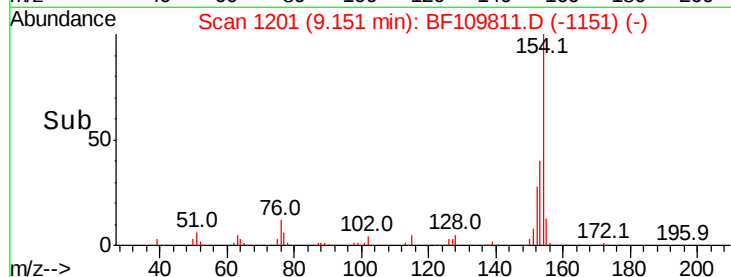
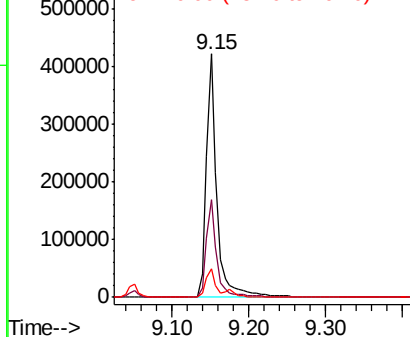
SSTDCCC040

Tot Ion:	154	Resp:	404415
Ion Ratio	Lower	Upper	
154	100		
153	40.1	20.4	60.4
76	11.5	0.0	31.9

Manual Integrations
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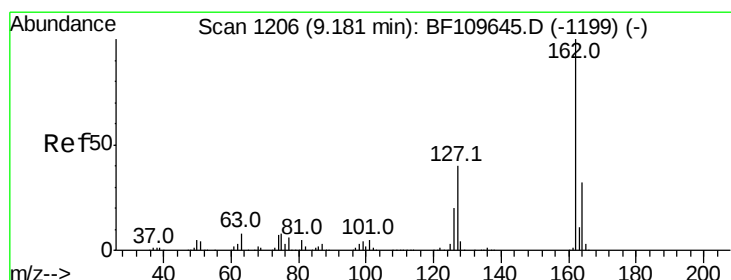


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



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#46

2-Chloronaphthalene

Concen: 40.763 ng

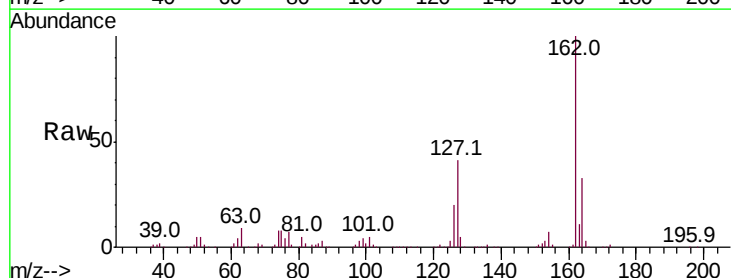
RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

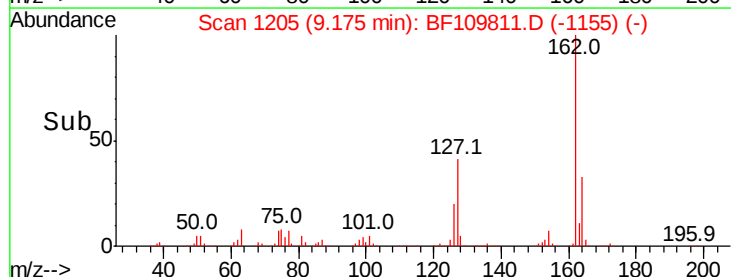
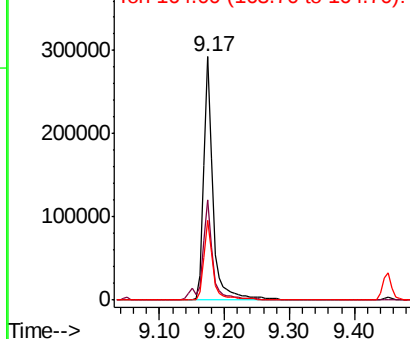
Lab File: BF109811.D

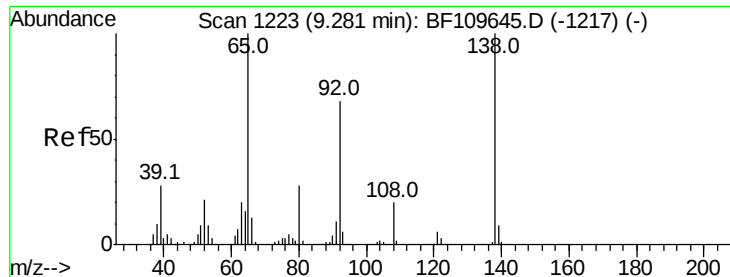
Acq: 12 Oct 2018 3:10

Tgt Ion:	162	Resp:	295131
Ion Ratio	Lower	Upper	
162	100		
127	41.0	32.6	48.8
164	32.8	25.9	38.9



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



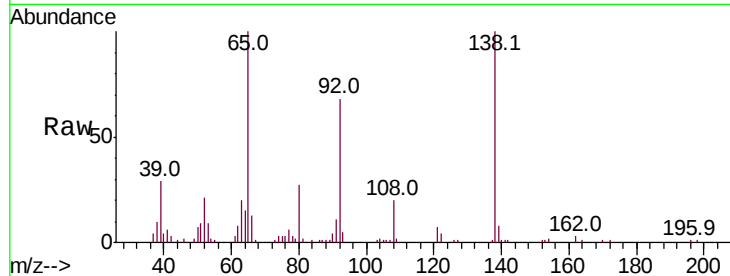


#47
2-Nitroaniline
Concen: 42.898 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	67.9	54.6	81.8
138	100.4	80.3	120.5

Manual Integrations
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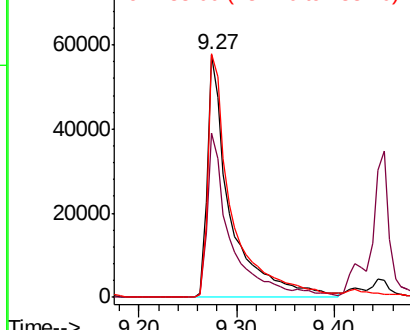


Abundance

Ion 65.00 (64.70 to 65.70): BF1

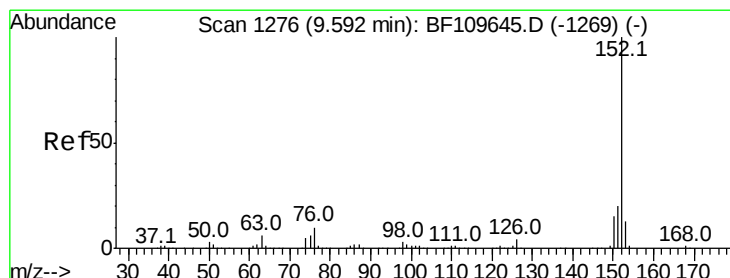
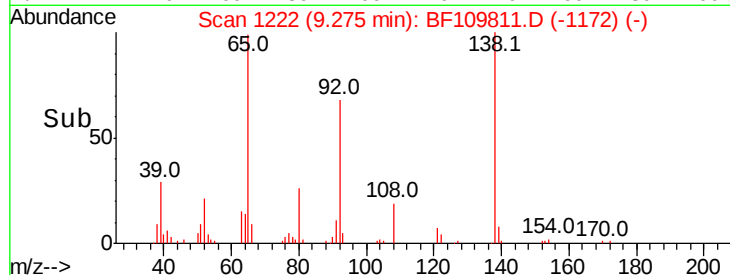
Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



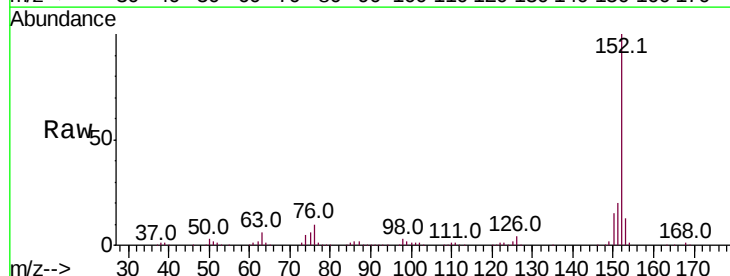
Sohil

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#48
Acenaphthylene
Concen: 40.434 ng
RT: 9.59 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.8	23.8
153	13.3	10.4	15.6

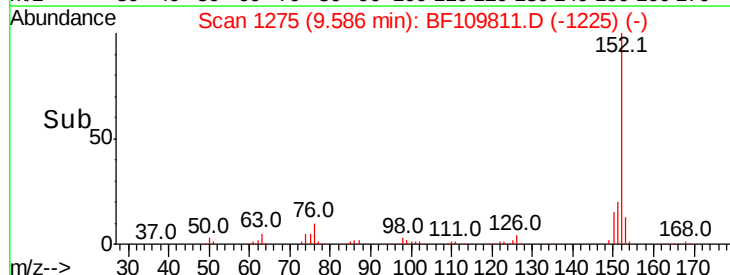
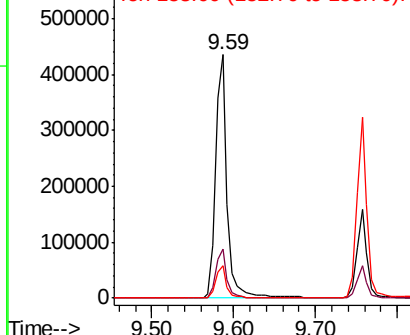


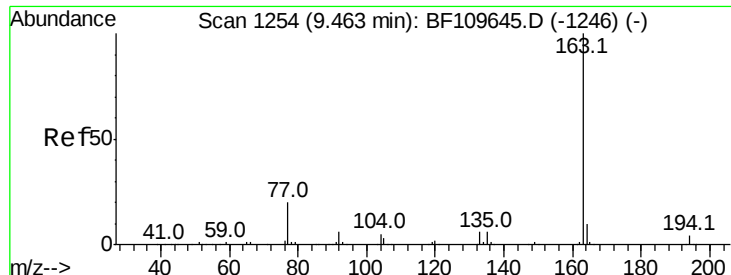
Abundance

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



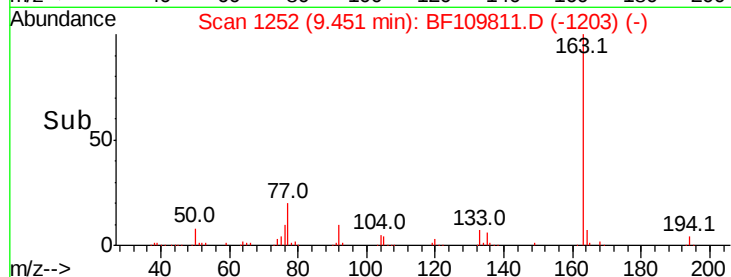
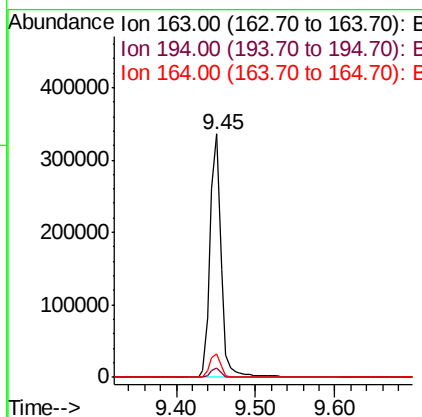
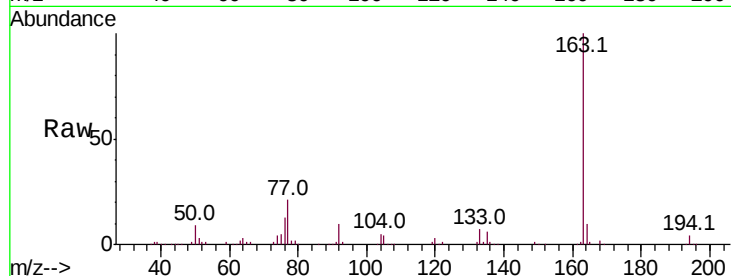


#49
 Dimethylphthalate
 Concen: 41.240 ng
 RT: 9.45 min Scan# 1252
 Delta R.T. -0.01 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

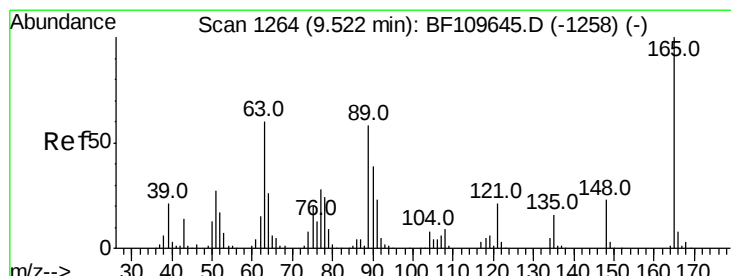
Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8		3.2	4.8
164	9.8		8.1	12.1

Manual Integrations
 APPROVED



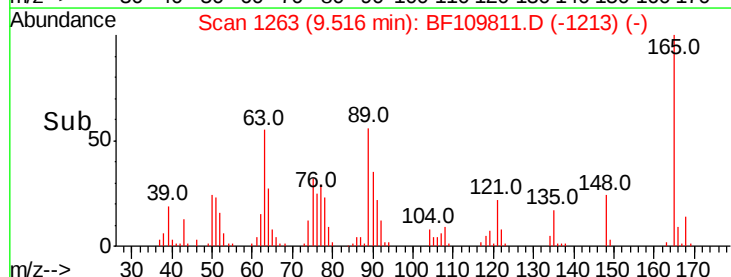
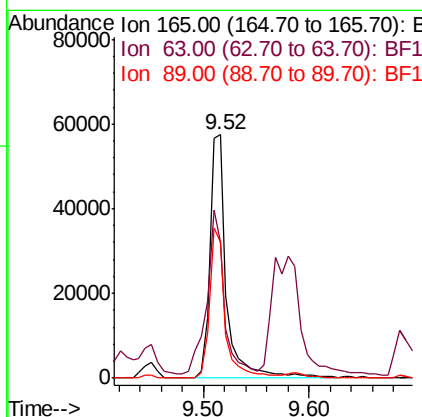
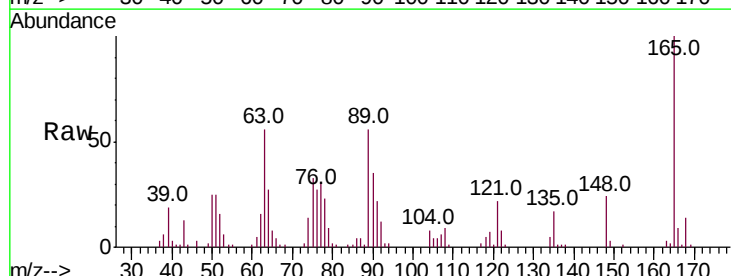
Sohil

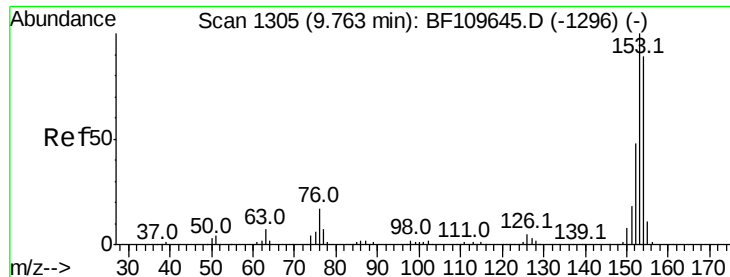
10/12/2018 11:01:43 AM



#50
 2,6-Dinitrotoluene
 Concen: 36.905 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.01 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	56.0		48.9	73.3
89	55.9		46.6	69.8





#51

Acenaphthene

Concen: 40.220 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.01 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Instrument :

BNA_F

ClientSampled :

SSTDCCC040

Tot Ion:154 Resp: 251662

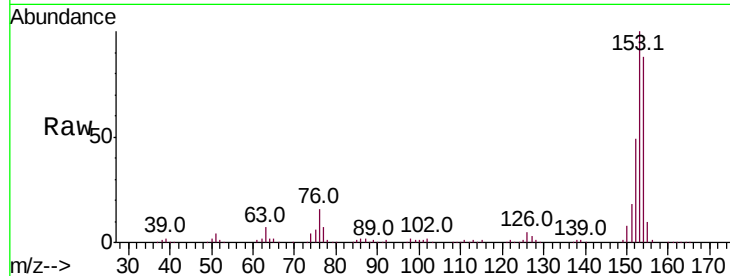
Ion Ratio Lower Upper

154 100

153 113.6 90.1 135.1

152 55.4 43.4 65.2

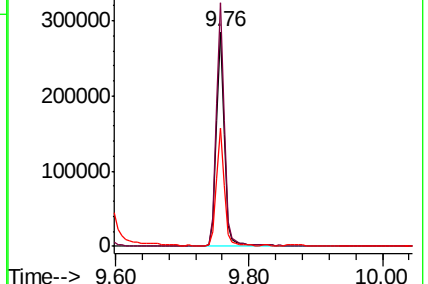
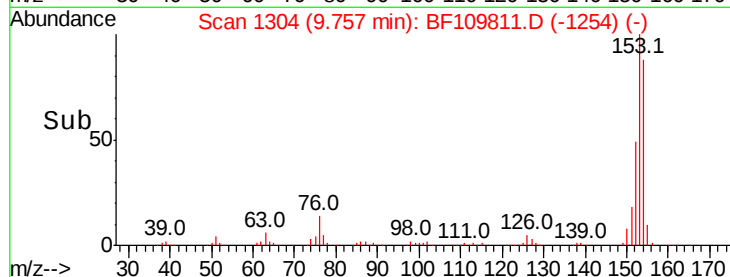
Manual Integrations
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Abundance Ion 154.00 (153.70 to 154.70): E

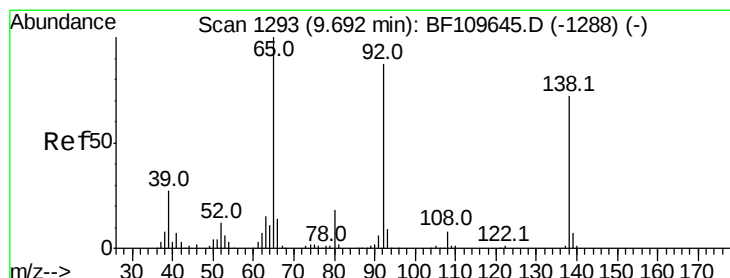
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



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#52

3-Nitroaniline

Concen: 46.613 ng

RT: 9.69 min Scan# 1292

Delta R.T. -0.01 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

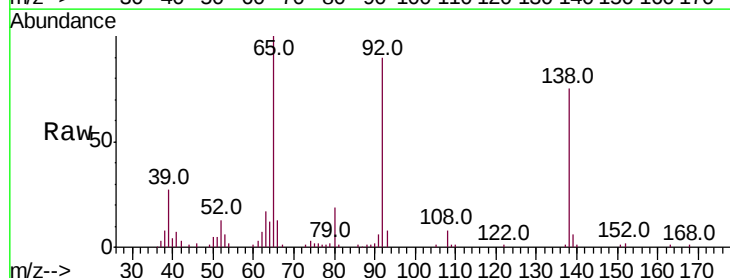
Tgt Ion:138 Resp: 89860

Ion Ratio Lower Upper

138 100

108 10.9 8.7 13.1

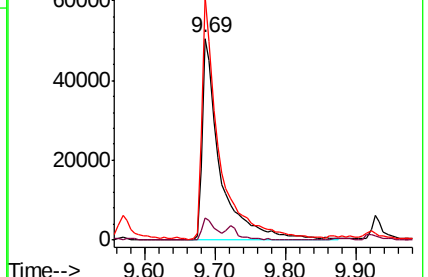
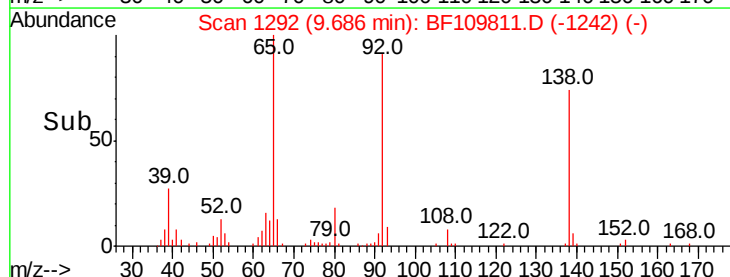
92 120.8 97.0 145.4

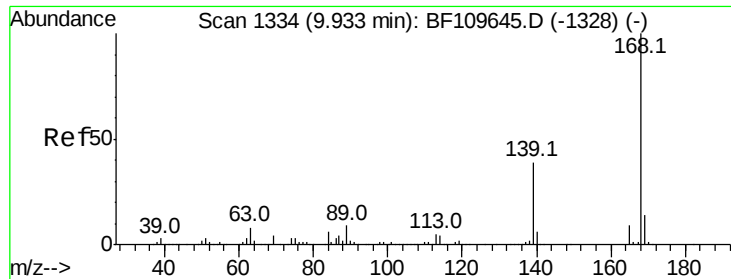


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



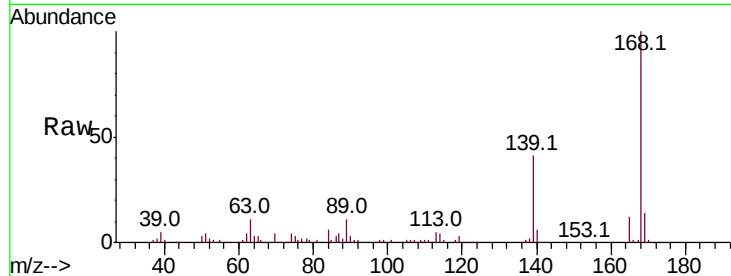


#54
Dibenzofuran
Concen: 40.303 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.2	33.0	49.6
169	14.1	11.3	16.9

Manual Integrations
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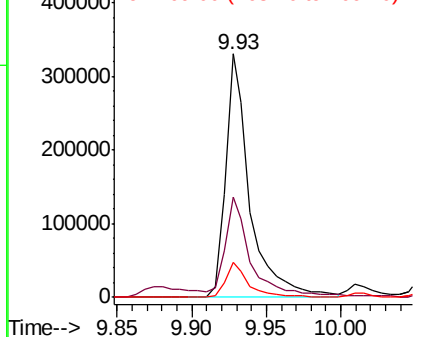


Abundance

Ion 168.00 (167.70 to 168.70): E

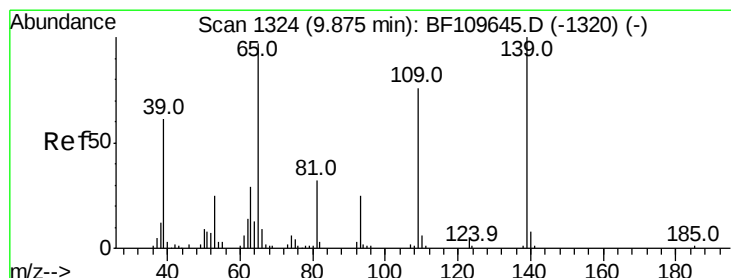
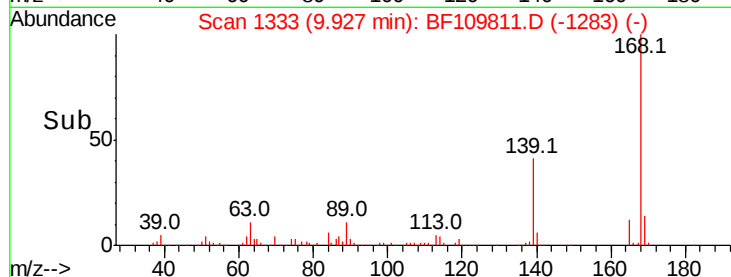
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



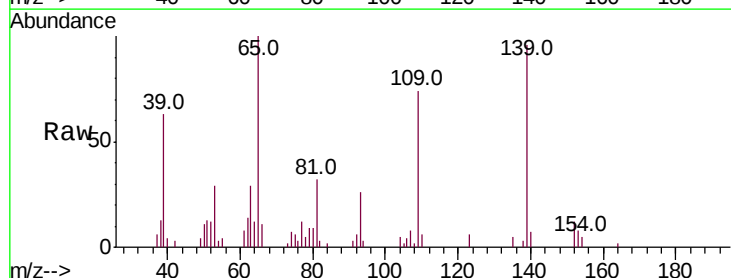
Sohil

10/12/2018 11:01:43 AM



#55
4-Nitrophenol
Concen: 31.156 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
139	100		
109	77.3	55.8	95.8
65	104.6	77.9	117.9

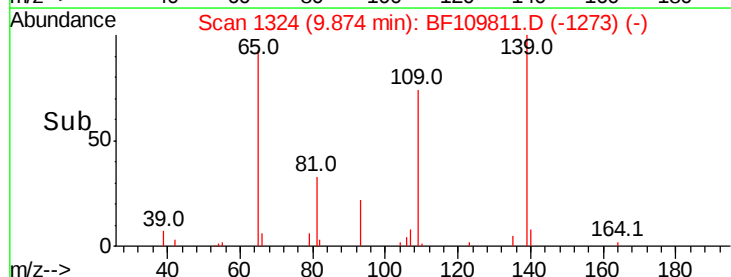
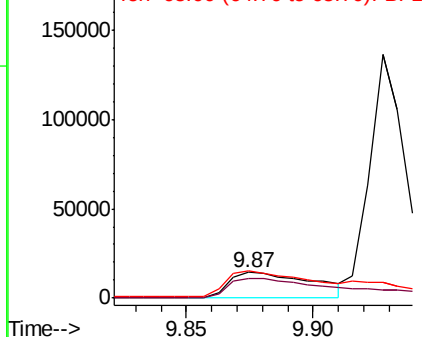


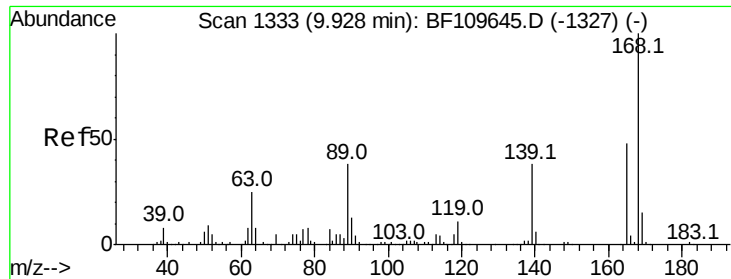
Abundance

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



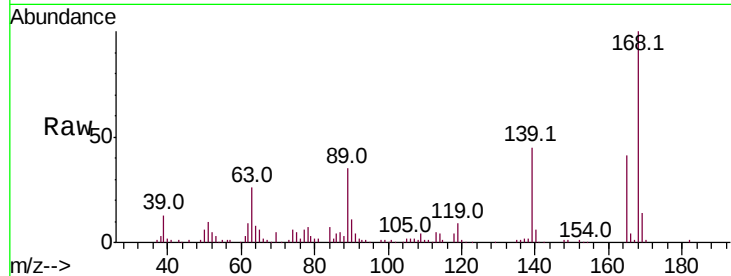


#56
2,4-Dinitrotoluene
Concen: 35.091 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	61.6	44.8	67.2
89	84.2	62.2	93.4
182	2.2	2.1	3.1

Manual Integrations
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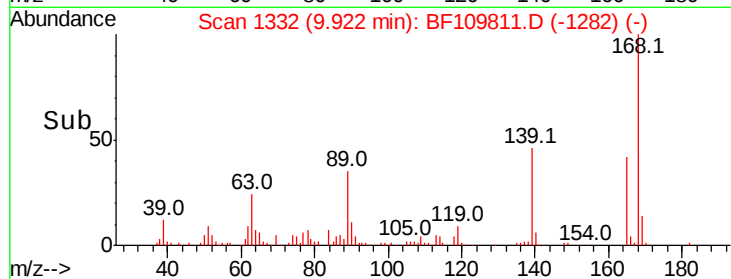
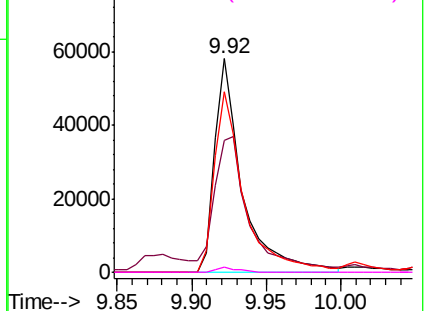
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

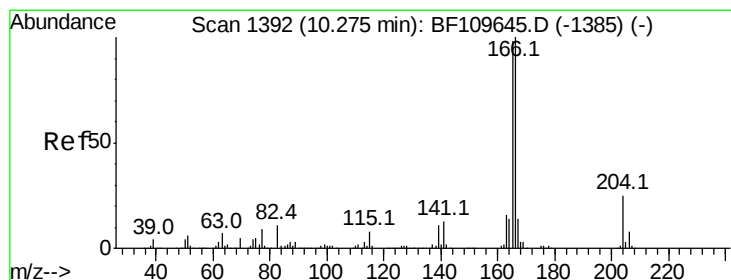
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



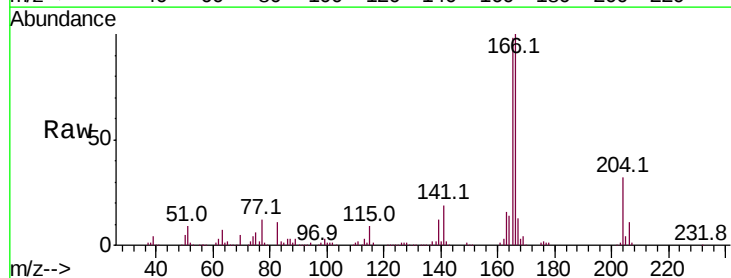
Sohil

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#57
Fluorene
Concen: 40.579 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	98.3	78.6	117.8
167	13.2	10.8	16.2

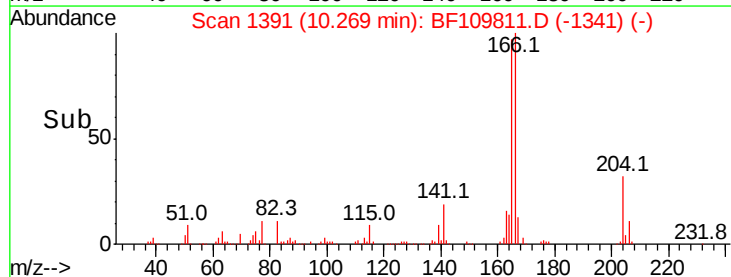
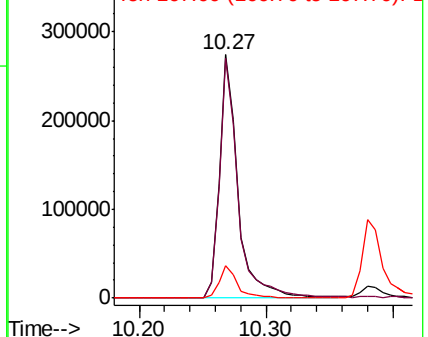


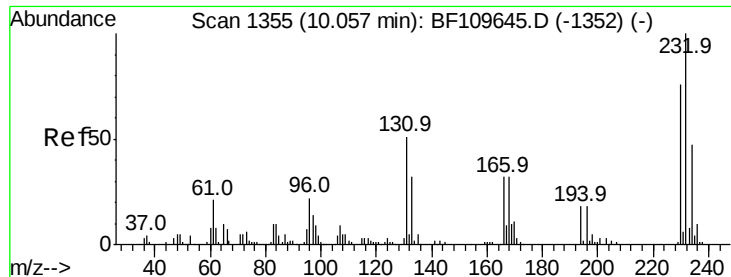
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#58

2,3,4,6-Tetrachlorophenol

Concen: 43.368 ng

RT: 10.06 min Scan# 1355

Delta R.T. -0.00 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:232 Resp: 89227

Ion Ratio Lower Upper

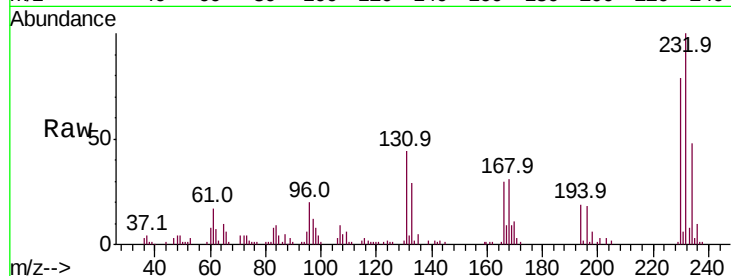
232 100

131 45.8 37.0 55.4

130 2.0 1.8 2.6

166 27.7 22.0 33.0

Manual Integrations
APPROVED

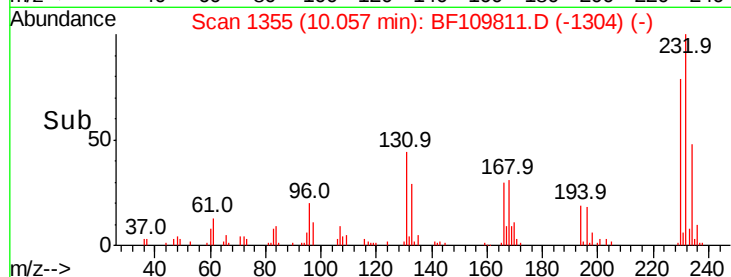


Abundance Ion 232.00 (231.70 to 232.70): E

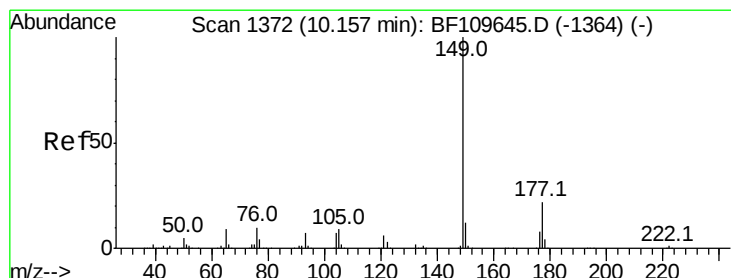
Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



Time-->



#59

Diethylphthalate

Concen: 41.587 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

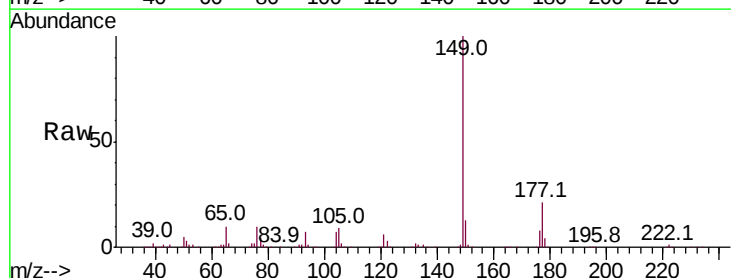
Tgt Ion:149 Resp: 326913

Ion Ratio Lower Upper

149 100

177 20.9 17.4 26.2

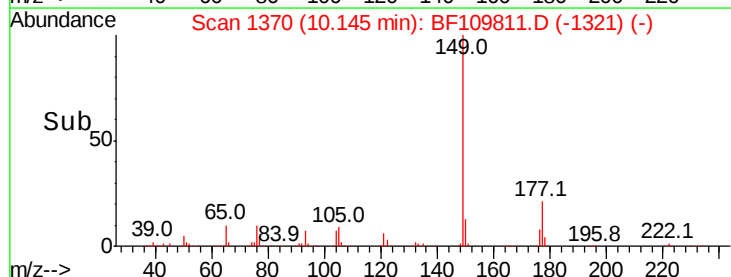
150 12.7 9.8 14.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

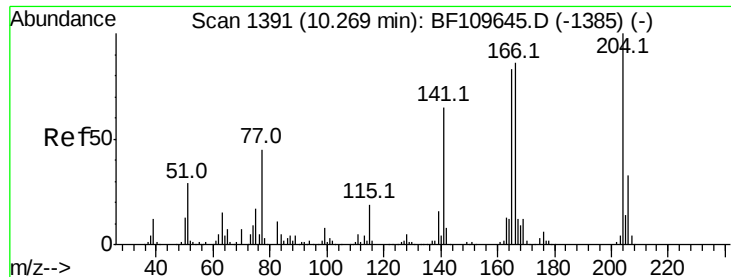
Ion 150.00 (149.70 to 150.70): E



Time-->

Sohil

10/12/2018 11:01:43 AM

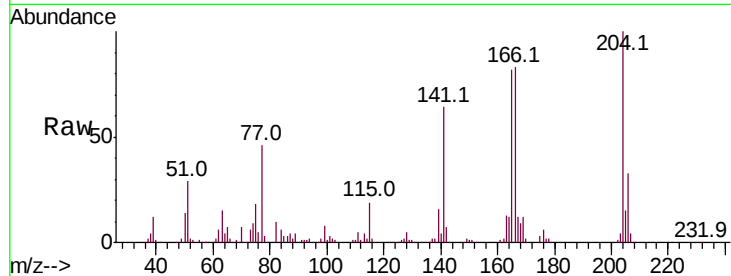


#60
4-Chlorophenyl-phenylether
Concen: 40.767 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.5	39.7
141	64.0	51.8	77.8

Manual Integrations
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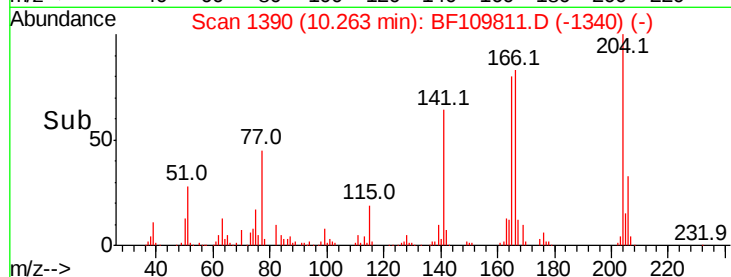
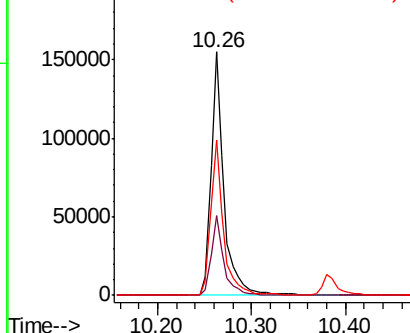


Abundance

Ion 204.00 (203.70 to 204.70): E

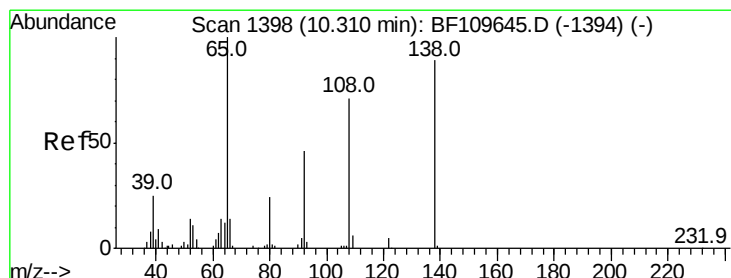
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



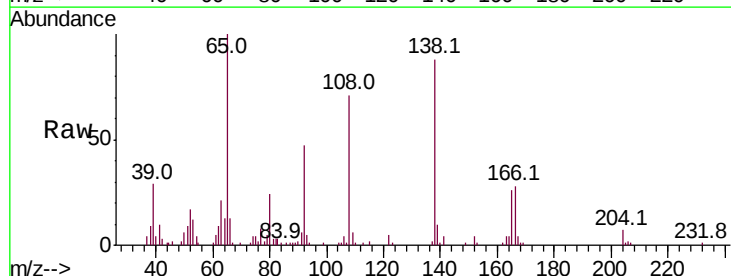
Sohil

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#61
4-Nitroaniline
Concen: 49.766 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.1	31.7	71.7
108	80.8	59.3	99.3

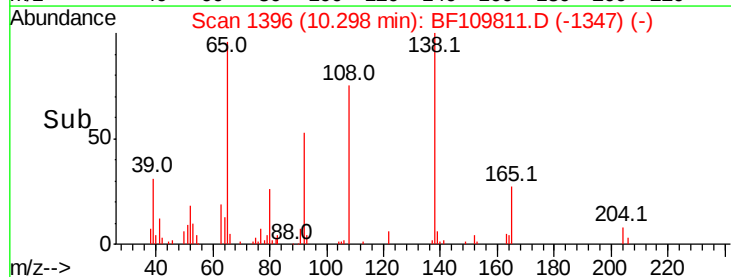
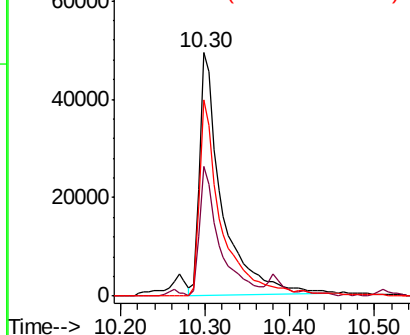


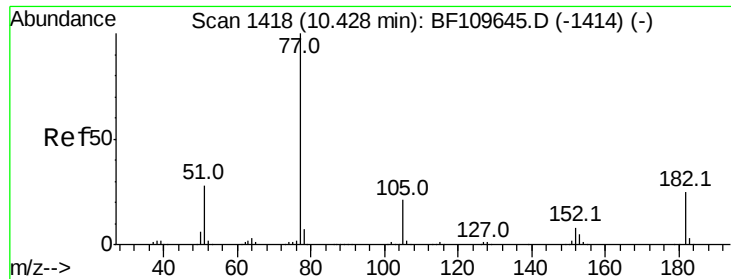
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E



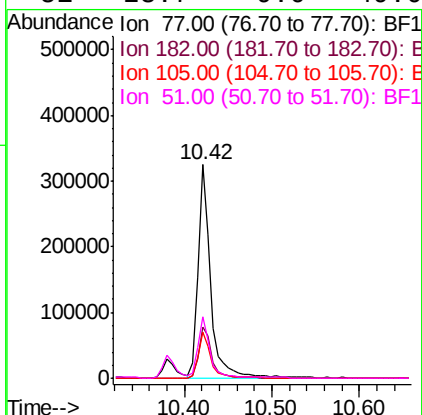
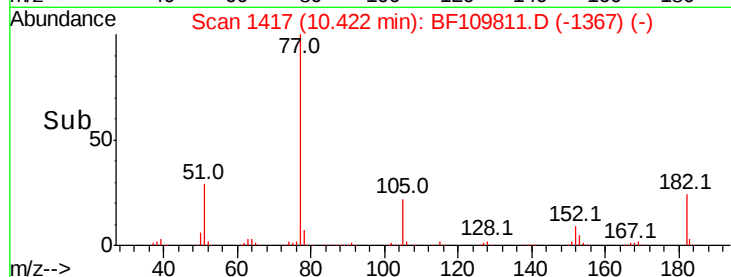
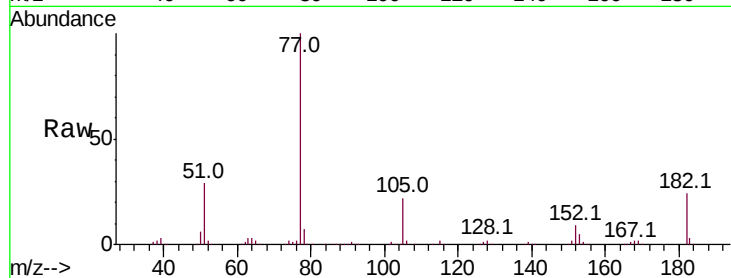


#62
Azobenzene
Concen: 40.602 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

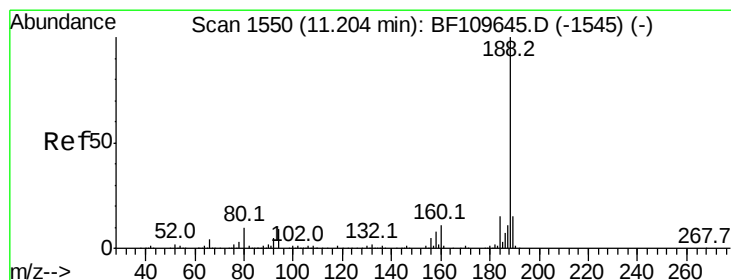
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	24.0	4.3	44.3	
105	21.7	1.3	41.3	
51	28.7	9.0	49.0	

Manual Integrations
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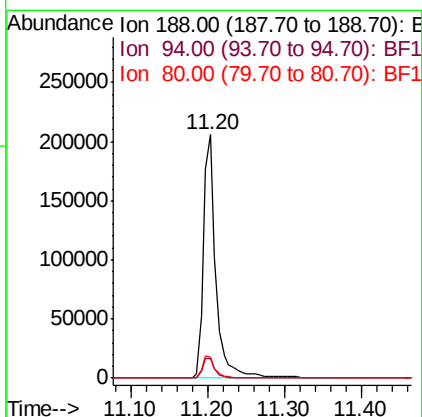
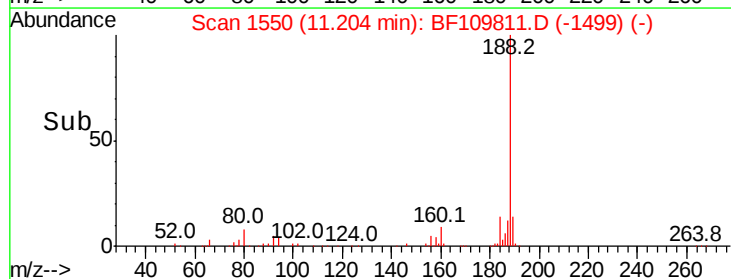
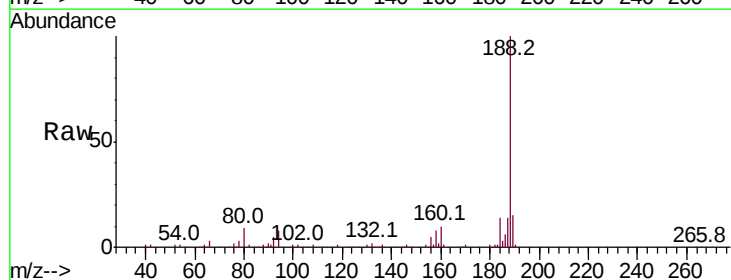
Sohil

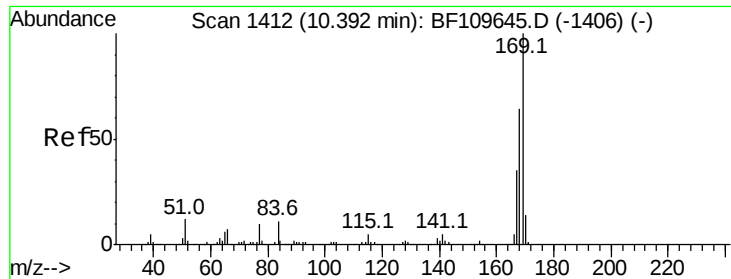
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	8.0	7.2	10.8	
80	8.8	7.9	11.9	



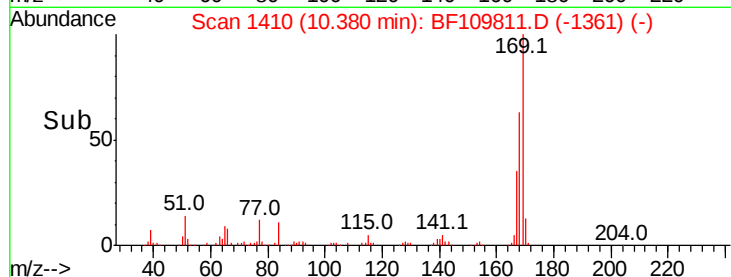
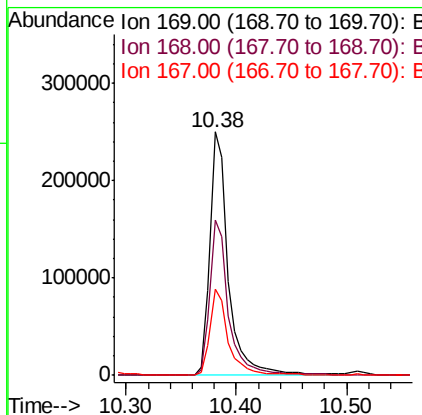
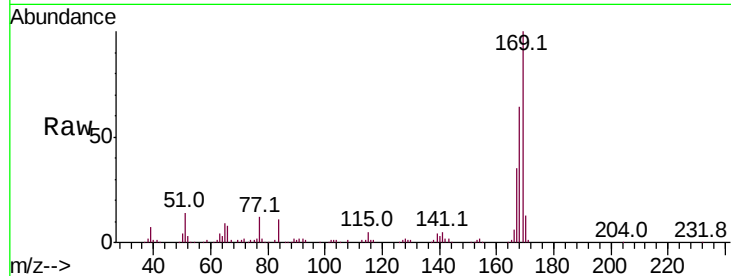


#65
n-Nitrosodiphenylamine
Concen: 36.090 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

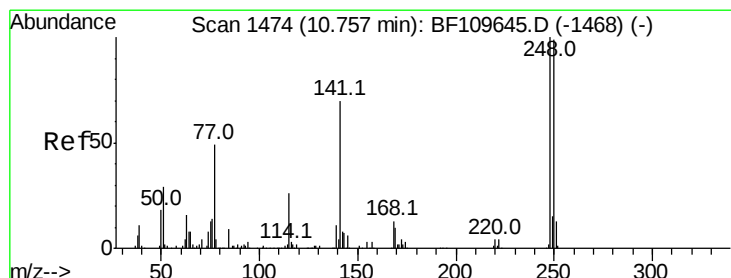
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.7	51.2	76.8
167	35.1	27.8	41.6

Manual Integrations
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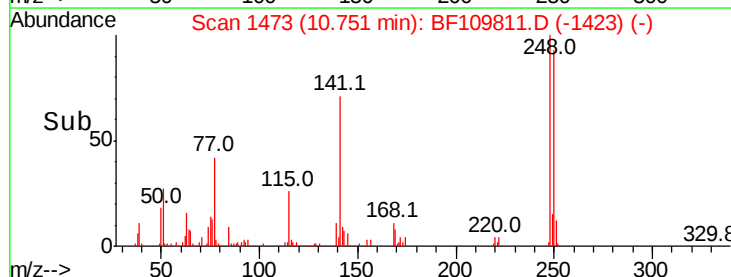
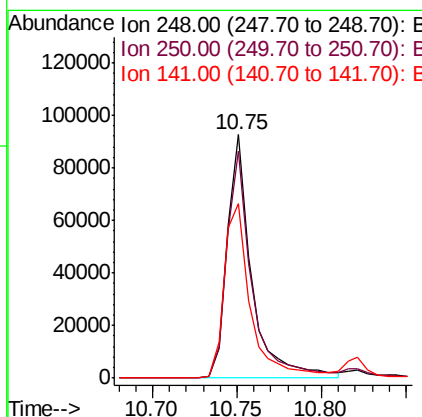
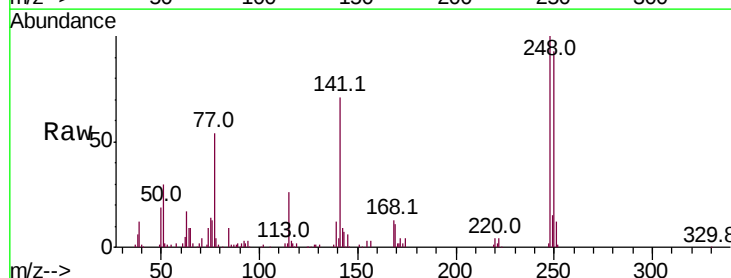
Sohil

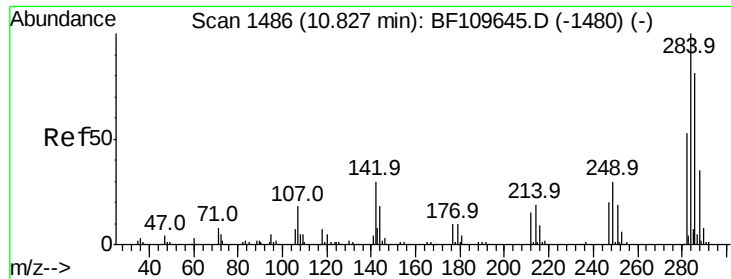
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#66
4-Bromophenyl-phenylether
Concen: 34.877 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
248	100		
250	93.2	79.4	119.2
141	71.4	55.9	83.9





#67

Hexachlorobenzene

Concen: 35.957 ng

RT: 10.82 min Scan# 1485

Delta R.T. -0.01 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Instrument :

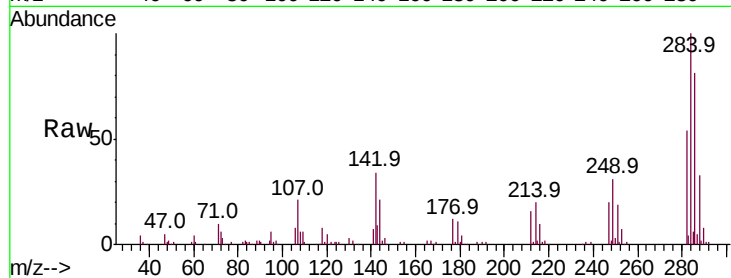
BNA_F

ClientSampleId :

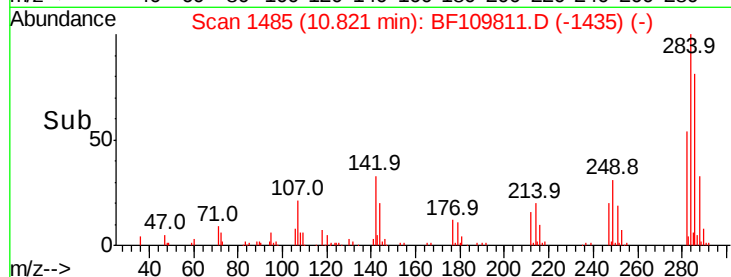
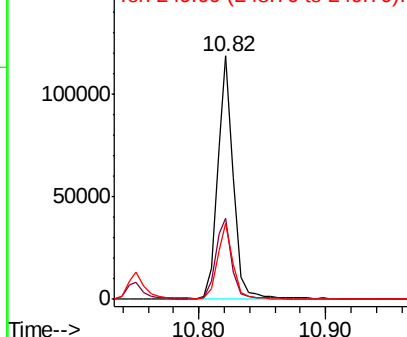
SSTDCCC040

Tot Ion:	284	Resp:	103938
Ion Ratio	Lower	Upper	
284	100		
142	33.5	23.9	35.9
249	31.0	24.2	36.2

Manual Integrations
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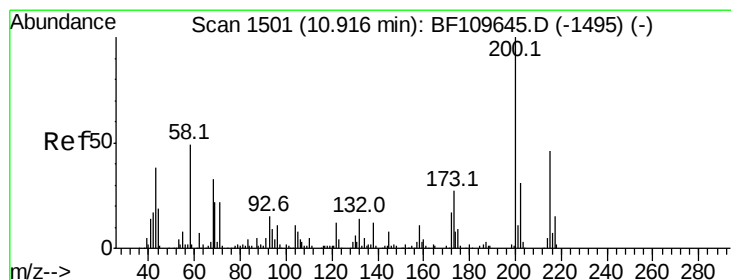


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Sohil

10/12/2018 11:01:43 AM



#68

Atrazine

Concen: 34.324 ng

RT: 10.91 min Scan# 1500

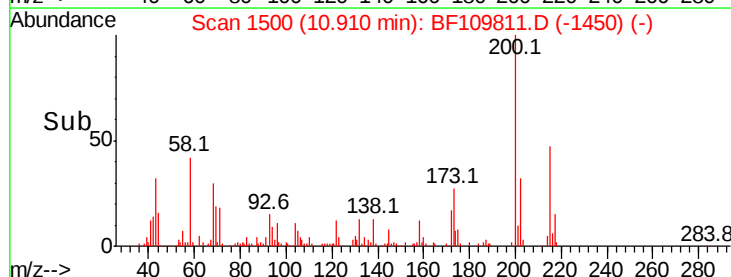
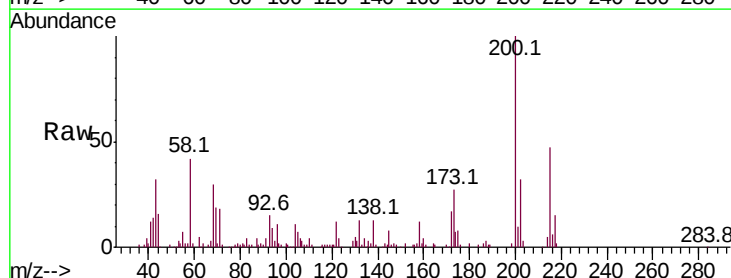
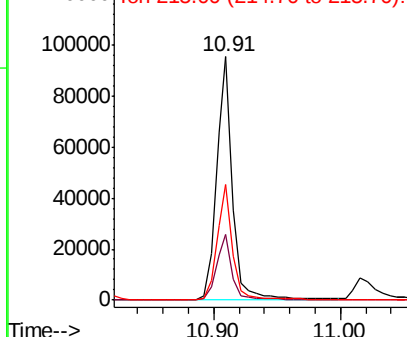
Delta R.T. -0.01 min

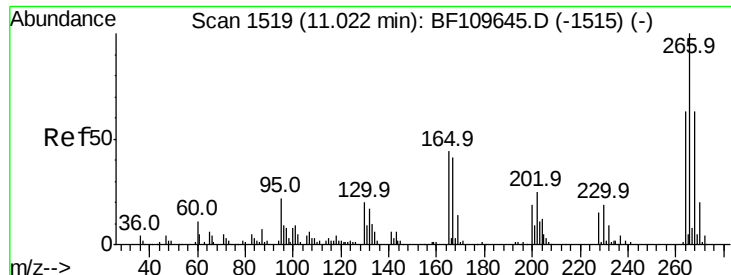
Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Tgt Ion:	200	Resp:	84364
Ion Ratio	Lower	Upper	
200	100		
173	27.1	6.6	46.6
215	47.3	26.3	66.3

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



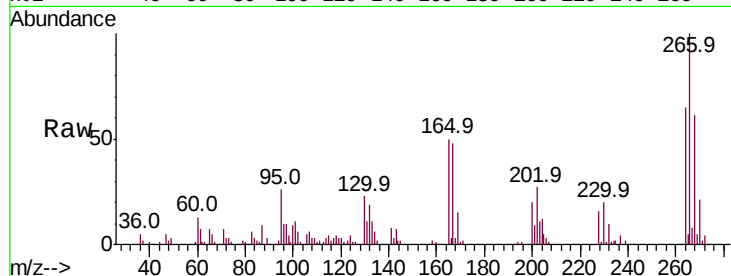


#69
 Pentachlorophenol
 Concen: 41.111 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	61.1	50.6	75.8
264	65.3	50.6	75.8

Manual Integrations
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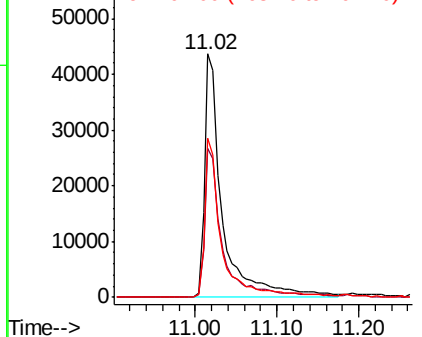


Abundance

Ion 265.70 (265.40 to 266.40): E

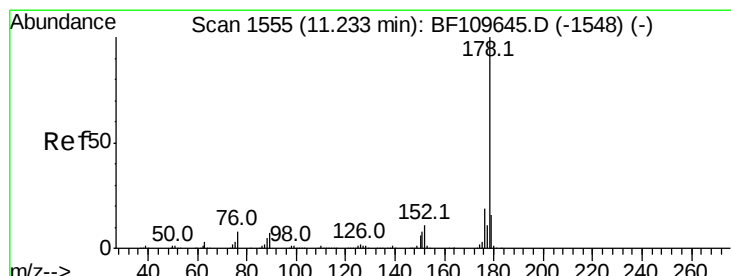
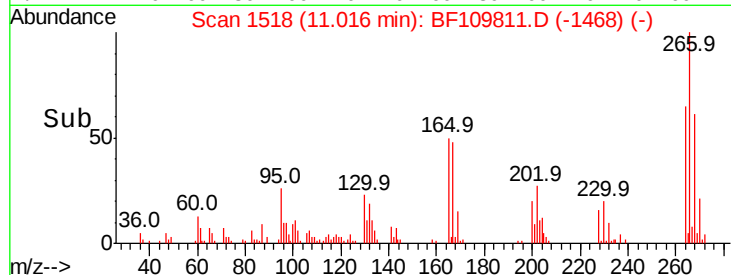
Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E



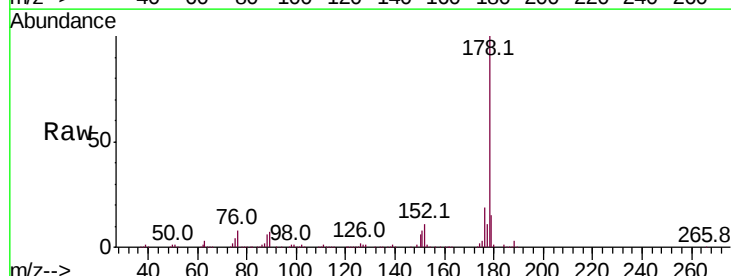
Sohil

10/12/2018 11:01:43 AM



#70
 Phenanthrene
 Concen: 38.369 ng
 RT: 11.23 min Scan# 1554
 Delta R.T. -0.01 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.5	23.3
179	15.4	12.5	18.7

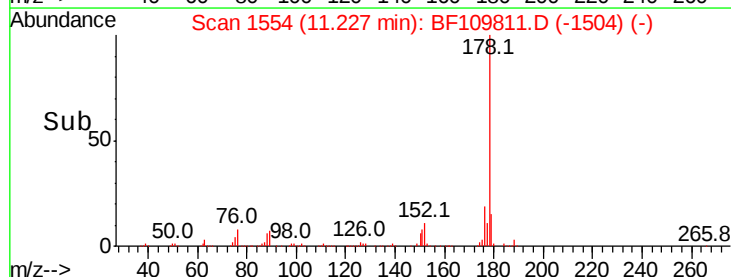
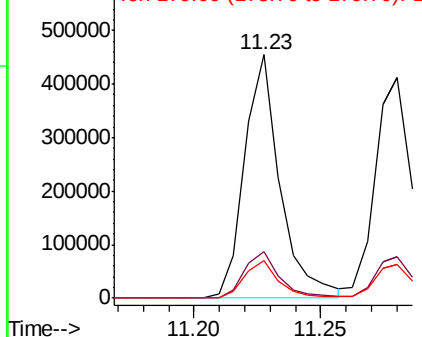


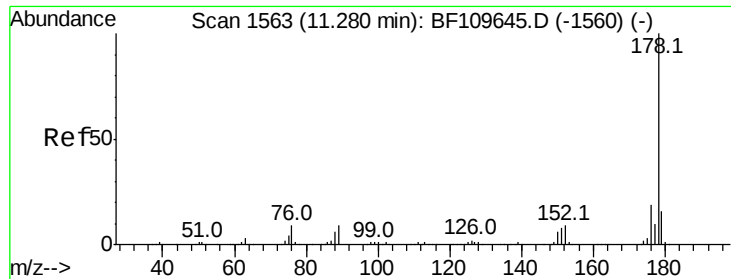
Abundance

Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



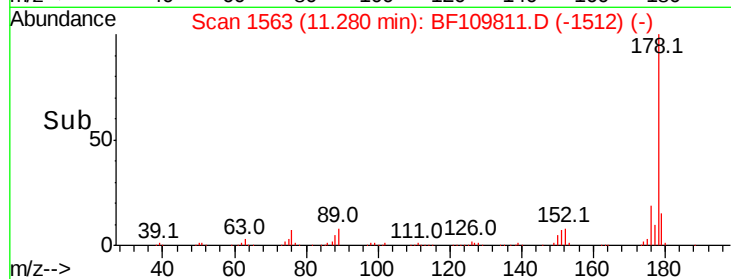
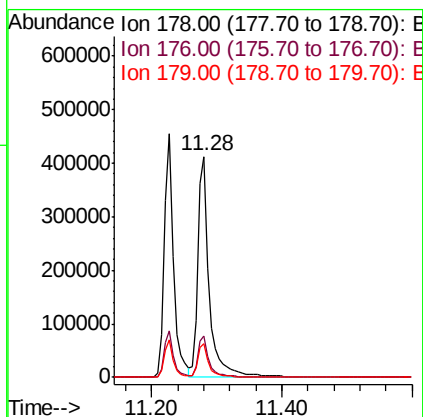
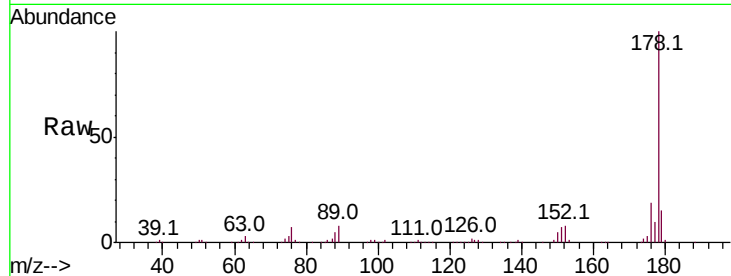


#71
 Anthracene
 Concen: 41.610 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.00 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

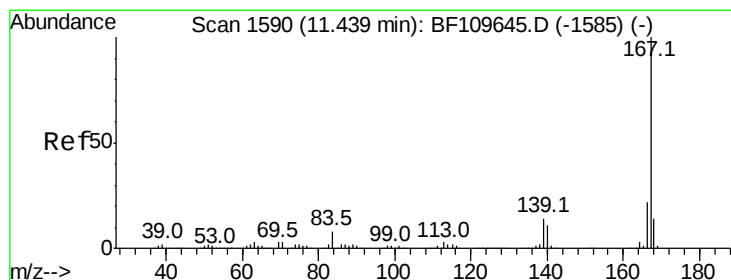
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.4	23.2
179	15.4	12.6	18.8

Manual Integrations
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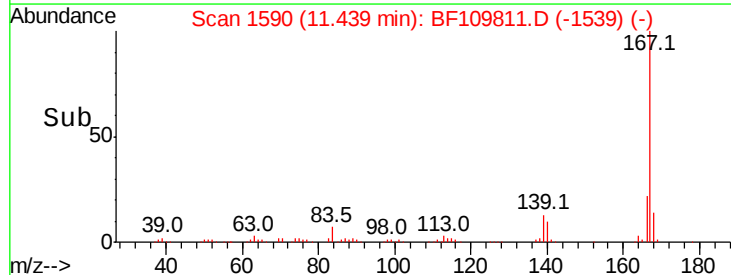
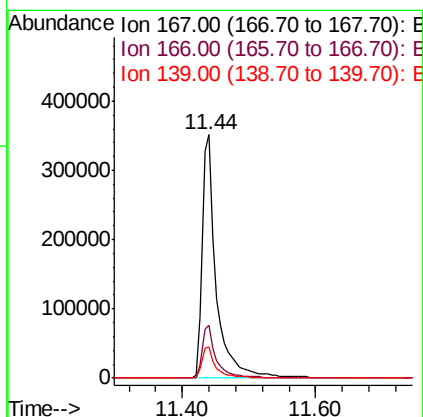
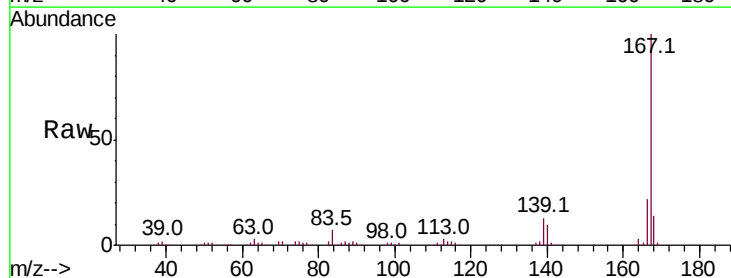
Sohil

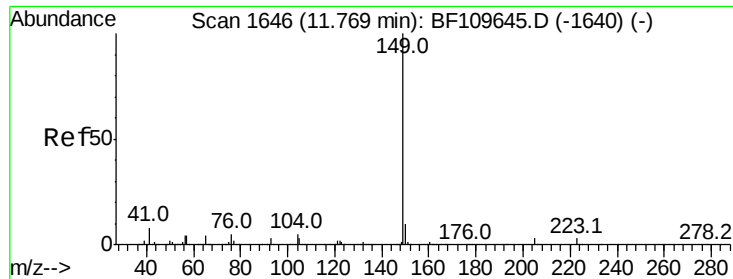
10/12/2018 11:01:43 AM



#72
 Carbazole
 Concen: 42.841 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	12.8	10.9	16.3



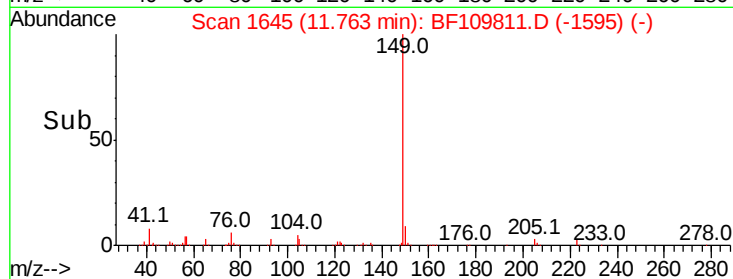
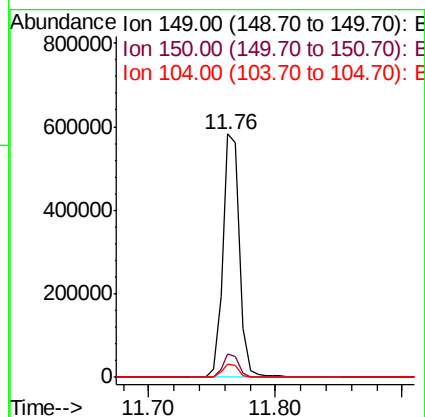
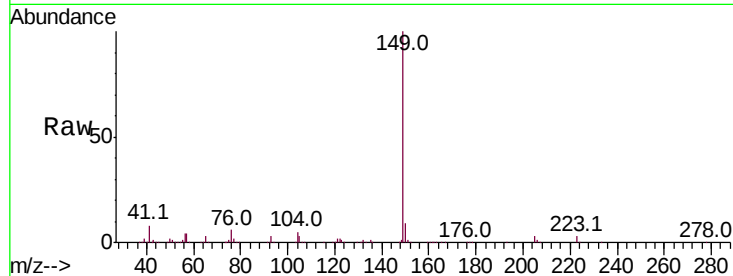


#73
Di-n-butylphthalate
Concen: 39.800 ng
RT: 11.76 min Scan# 1645
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

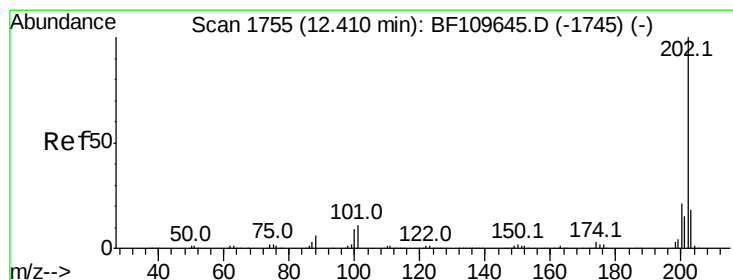
Tot Ion:	149	Resp:	538070
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	5.4	4.2	6.4

Manual Integrations
APPROVED



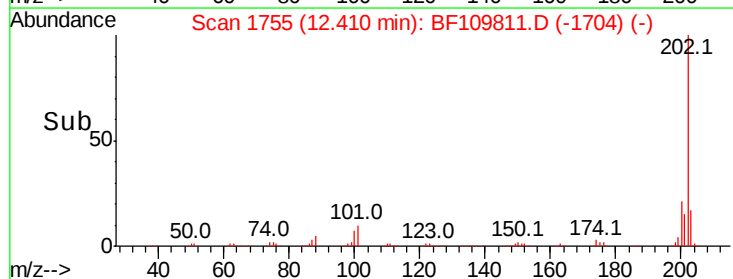
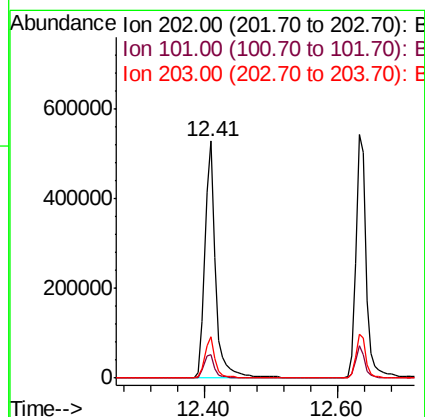
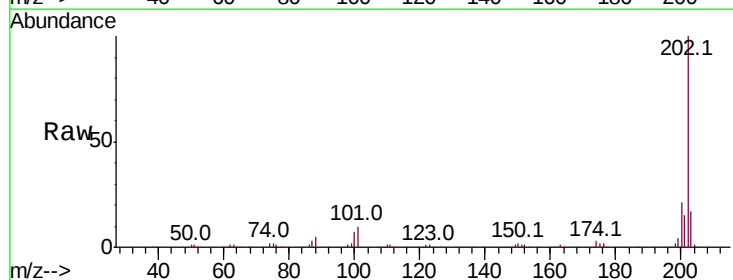
Sohil

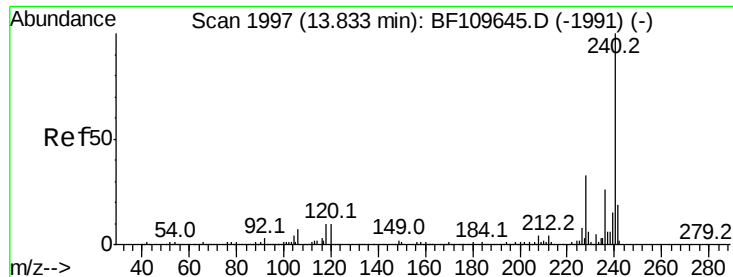
10/12/2018 11:01:43 AM



#74
Fluoranthene
Concen: 47.142 ng
RT: 12.41 min Scan# 1755
Delta R.T. -0.00 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion:	202	Resp:	572580
Ion Ratio	Lower	Upper	
202	100		
101	10.0	0.0	31.4
203	17.3	0.0	37.7





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1997

Delta R.T. -0.00 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Instrument :

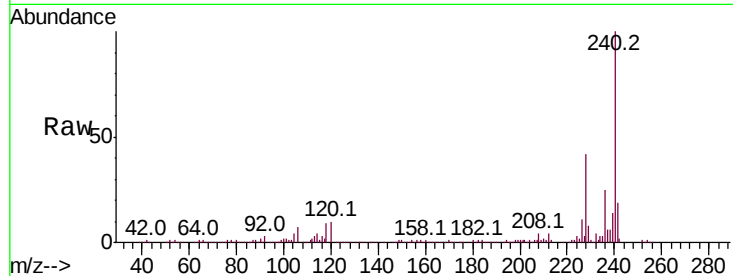
BNA_F

ClientSampleId :

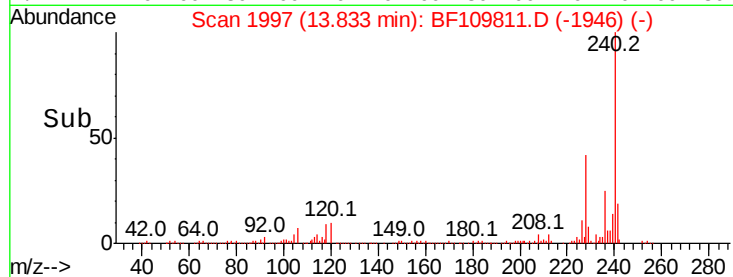
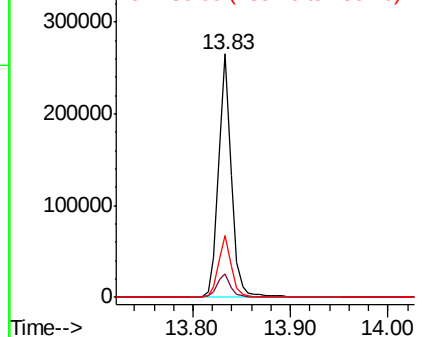
SSTDCCC040

Tot Ion:	240	Resp:	244138
Ion Ratio	Lower	Upper	
240	100		
120	9.7	8.3	12.5
236	25.5	21.2	31.8

Manual Integrations
APPROVED

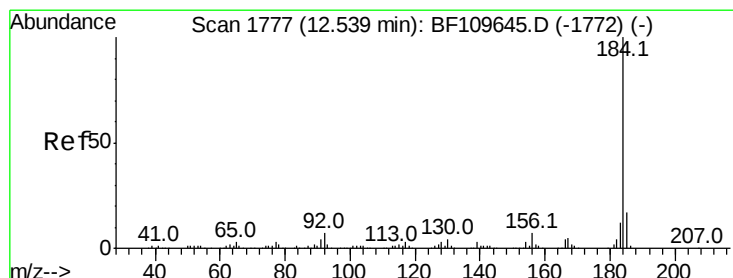


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Sohil

10/12/2018 11:01:43 AM



#76

Benzidine

Concen: 37.139 ng

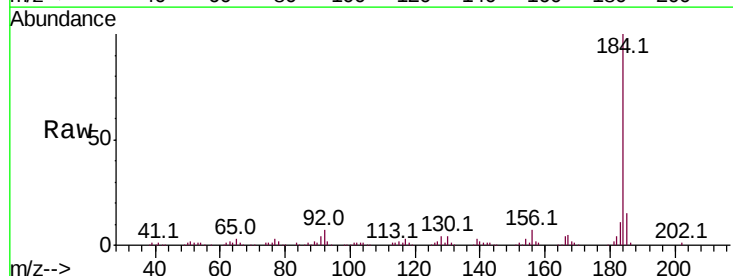
RT: 12.54 min Scan# 1777

Delta R.T. -0.00 min

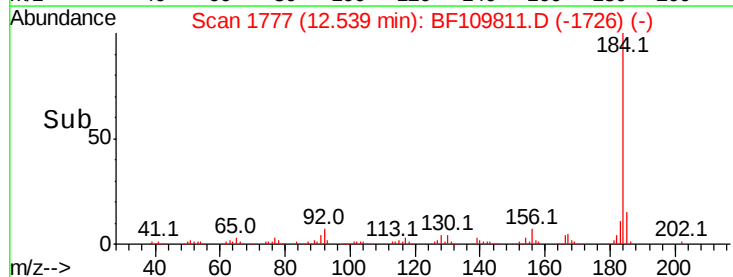
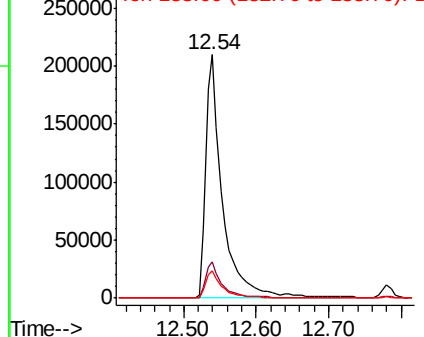
Lab File: BF109811.D

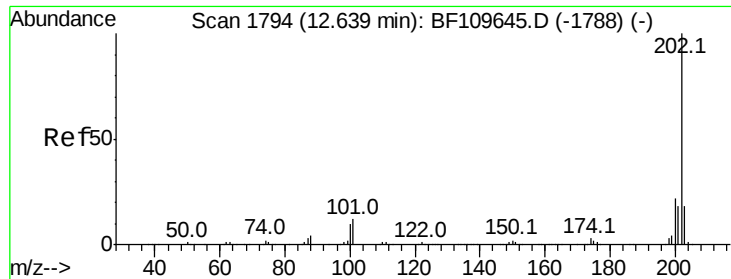
Acq: 12 Oct 2018 3:10

Tgt Ion:	184	Resp:	336816
Ion Ratio	Lower	Upper	
184	100		
185	14.9	13.4	20.2
183	11.2	9.4	14.2



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



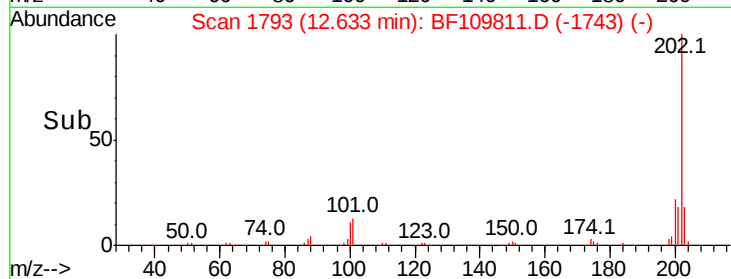
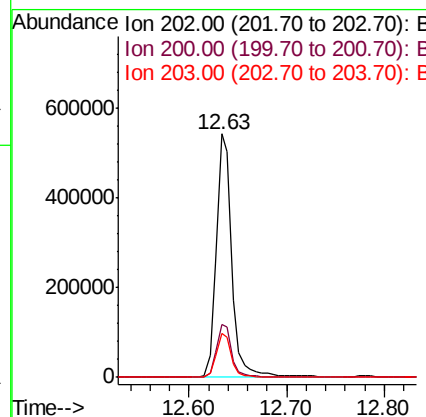
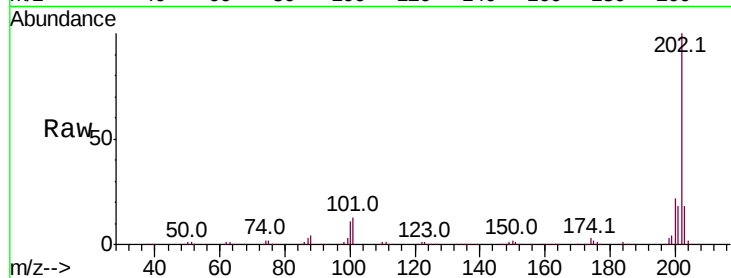


#77
Pvrene
Concen: 33.143 ng
RT: 12.63 min Scan# 1793
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

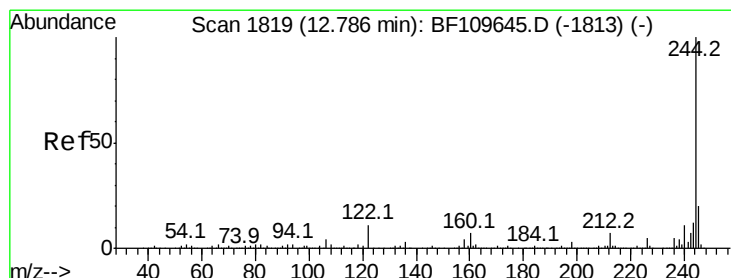
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.5	17.8	26.6
203	18.2	14.2	21.4

Manual Integrations
APPROVED



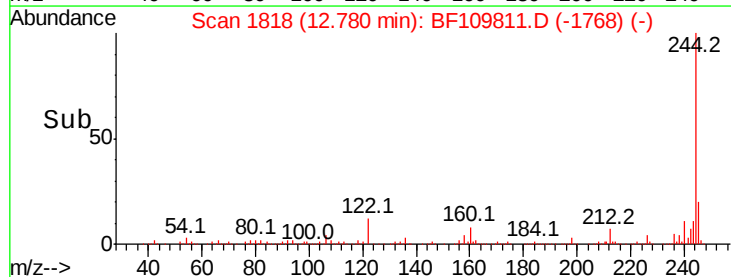
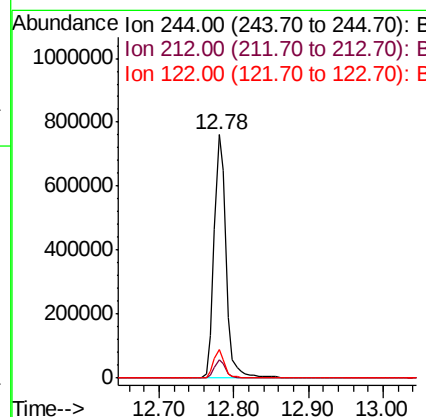
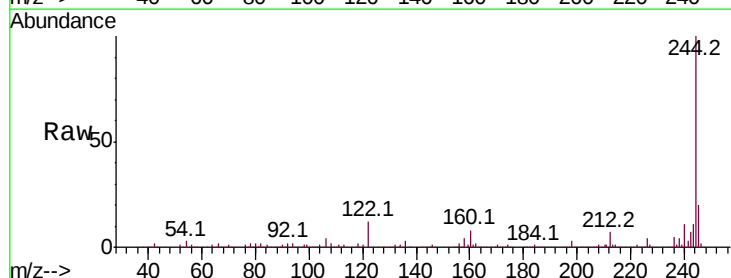
Sohil

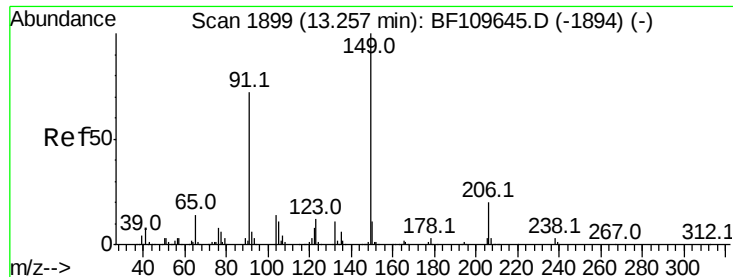
10/12/2018 11:01:43 AM



#78
Terphenyl-d14
Concen: 67.198 ng
RT: 12.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	11.6	8.7	13.1



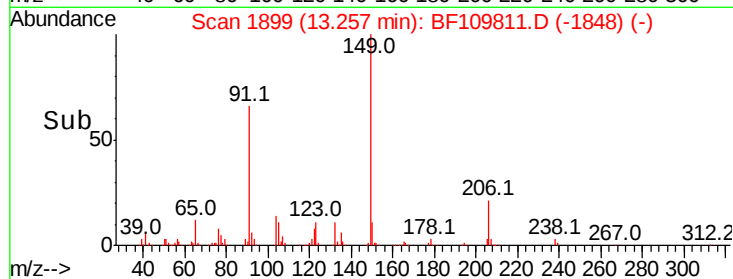
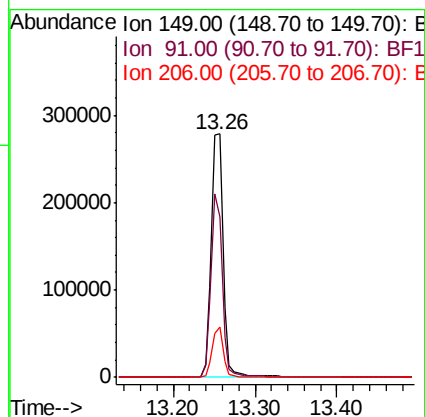
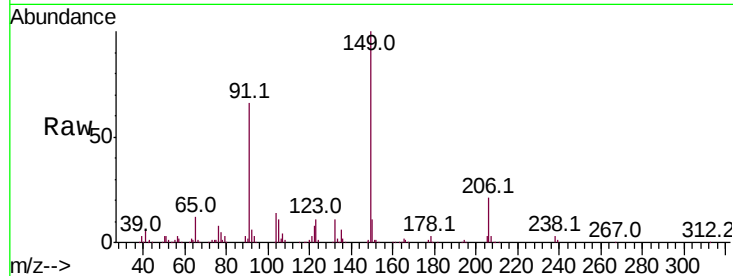


#79
Butylbenzylphthalate
Concen: 36.530 ng
RT: 13.26 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

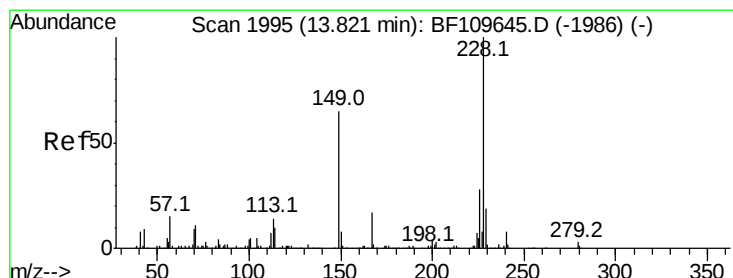
Tot Ion	Ratio	Lower	Upper
149	100		
91	65.8	57.2	85.8
206	20.7	15.7	23.5

Manual Integrations
APPROVED



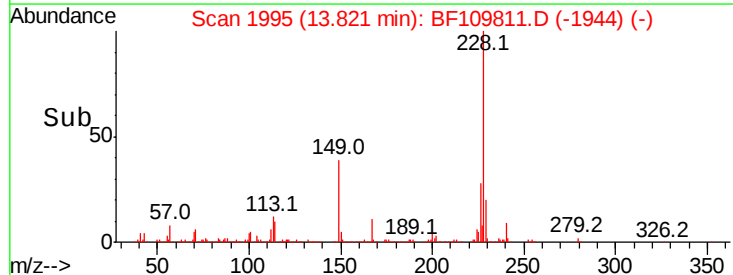
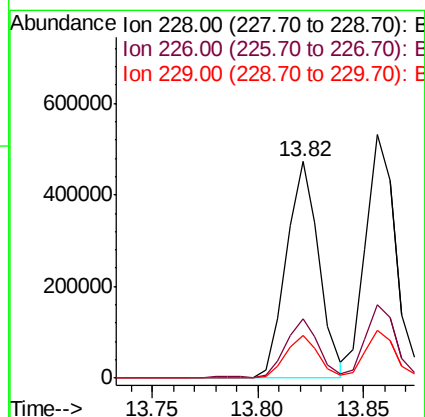
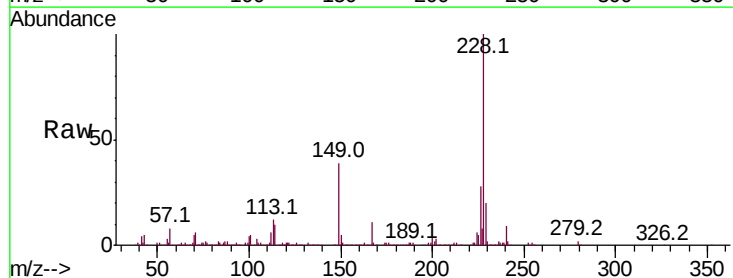
Sohil

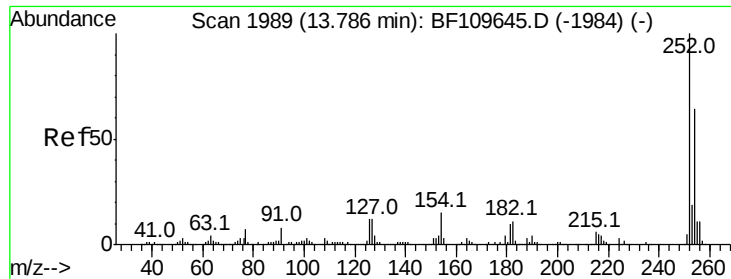
10/12/2018 11:01:43 AM



#80
Benzo(a)anthracene
Concen: 37.781 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.00 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.6	15.6	23.4



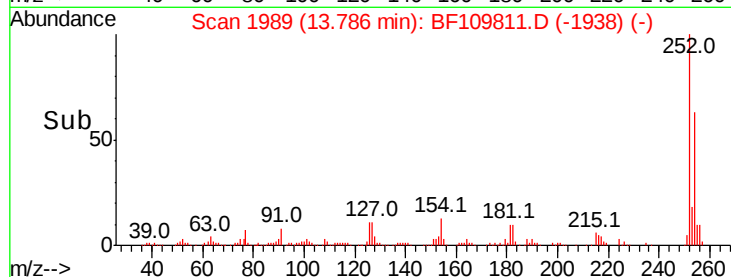
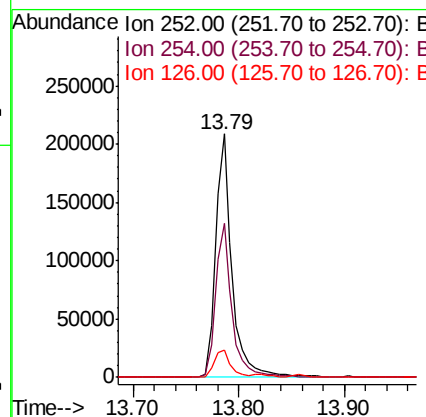
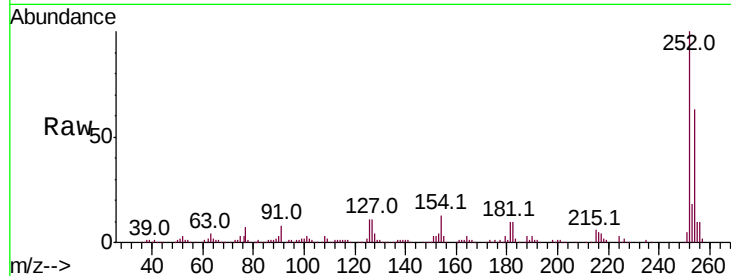


#81
 3,3'-Dichlorobenzidine
 Concen: 41.914 ng
 RT: 13.79 min Scan# 1989
 Delta R.T. -0.00 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

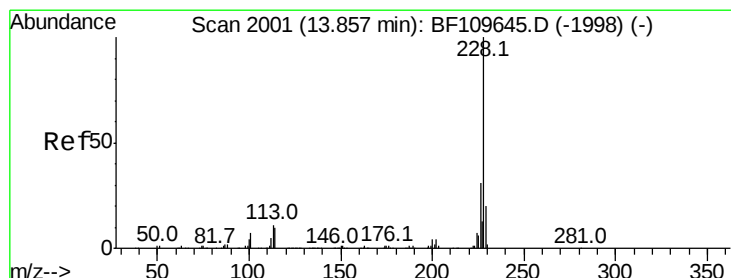
Tot Ion	Ratio	Lower	Upper
252	100		
254	63.4	51.3	76.9
126	11.0	9.4	14.2

Manual Integrations
 APPROVED



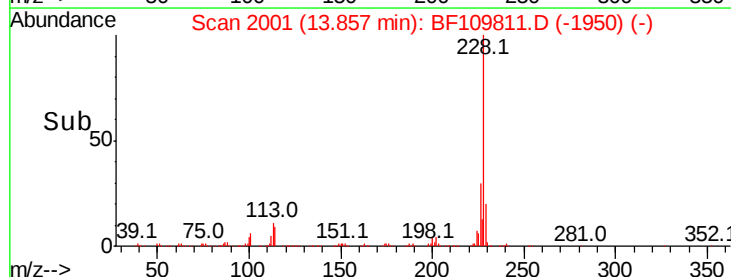
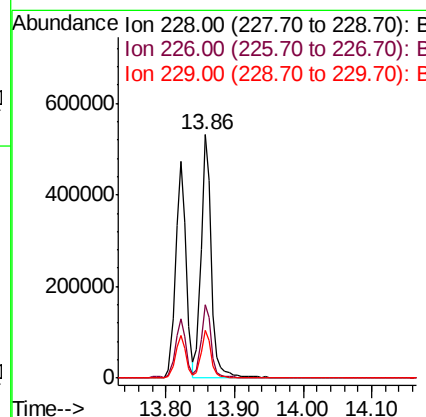
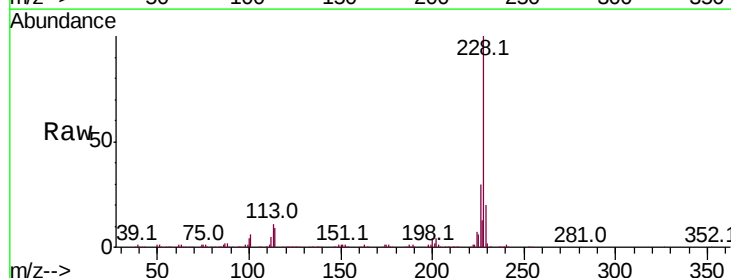
Sohil

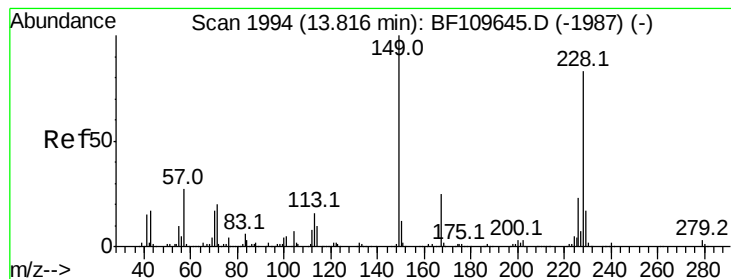
10/12/2018 11:01:43 AM



#82
 Chrysene
 Concen: 39.565 ng
 RT: 13.86 min Scan# 2001
 Delta R.T. -0.00 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.7	37.1
229	19.5	15.9	23.9





#83

Bis(2-ethylhexyl)phthalate

Concen: 40.280 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.00 min

Lab File: BF109811.D

Acq: 12 Oct 2018 3:10

Instrument :

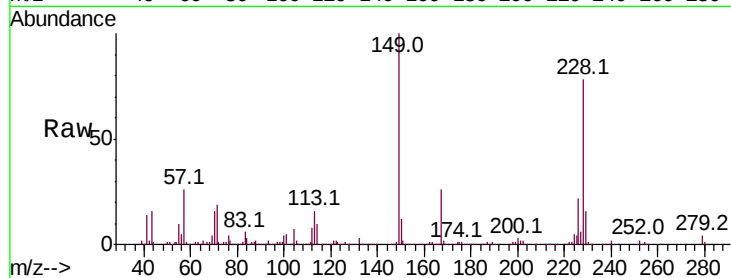
BNA_F

ClientSampleId :

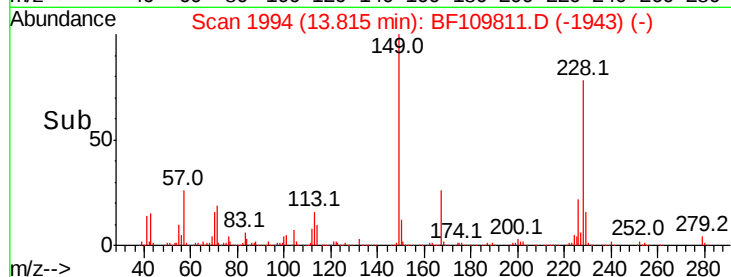
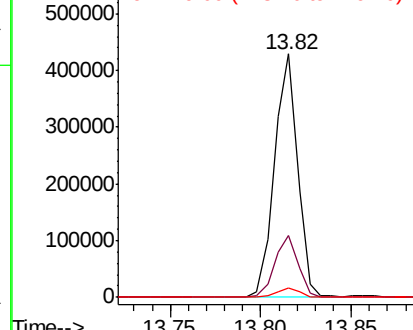
SSTDCCC040

Tot Ion:	149	Resp:	381106
Ion Ratio	Lower	Upper	
149	100		
167	25.5	19.8	29.8
279	3.7	2.7	4.1

Manual Integrations
APPROVED

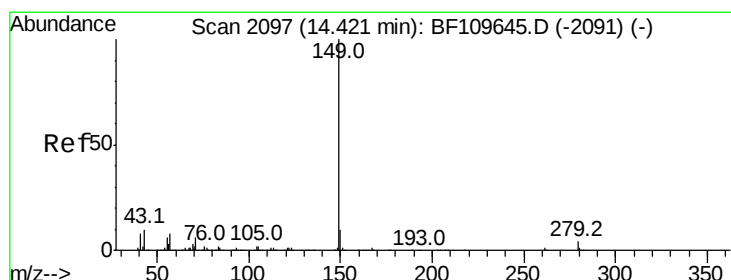


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E



Sohil

10/12/2018 11:01:43 AM



#84

Di-n-octyl phthalate

Concen: 46.691 ng

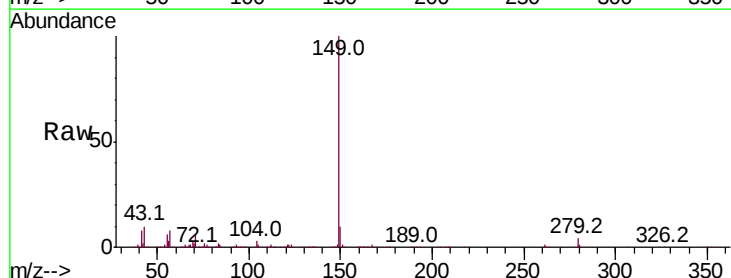
RT: 14.42 min Scan# 2097

Delta R.T. -0.00 min

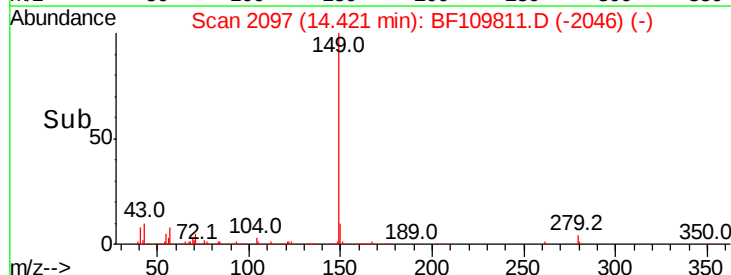
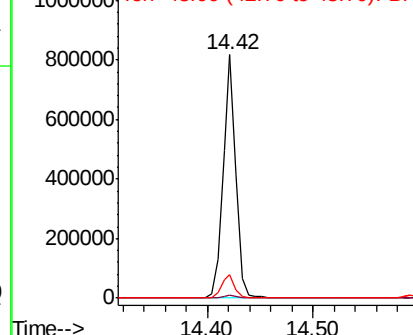
Lab File: BF109811.D

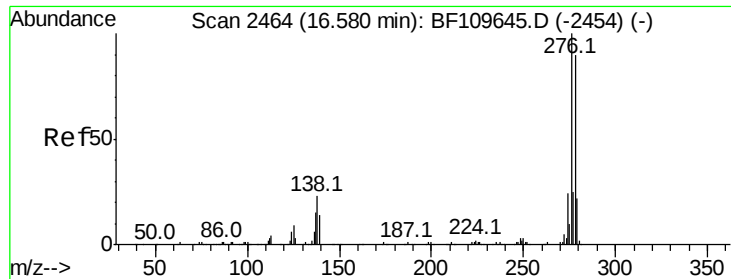
Acq: 12 Oct 2018 3:10

Tgt Ion:	149	Resp:	698270
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.1	1.7
43	9.7	7.8	11.8



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



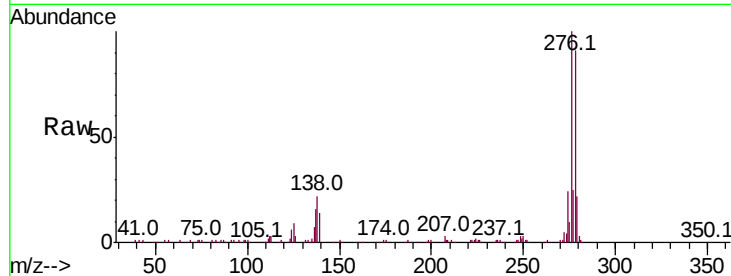


#85
Indeno(1,2,3-cd)pyrene
Concen: 31.858 ng/ml
RT: 16.59 min Scan# 2465
Delta R.T. 0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
276	100		
138	22.3	18.5	27.7
277	24.3	20.0	30.0

Manual Integrations
APPROVED

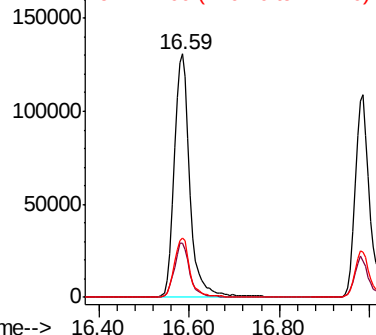


Abundance

Ion 276.00 (275.70 to 276.70): E

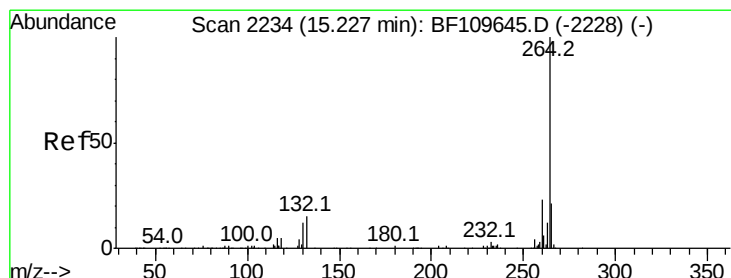
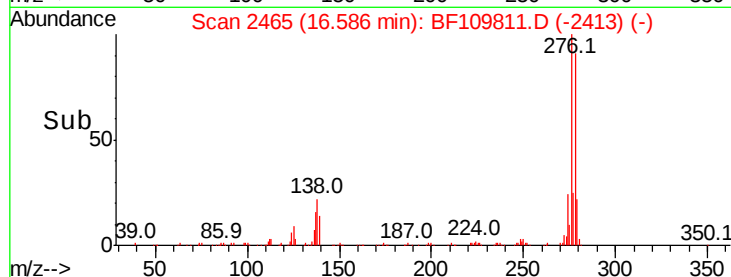
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



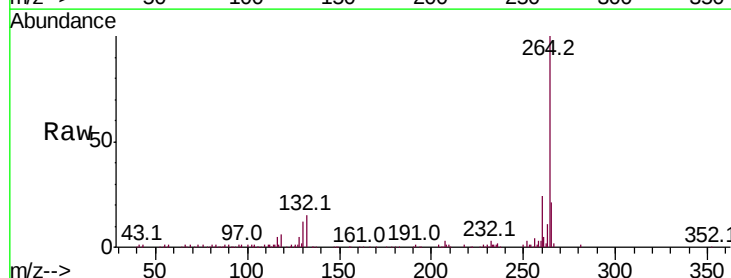
Sohil

10/12/2018 11:01:43 AM



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.23 min Scan# 2234
Delta R.T. -0.00 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.7	28.1
265	20.9	16.7	25.1

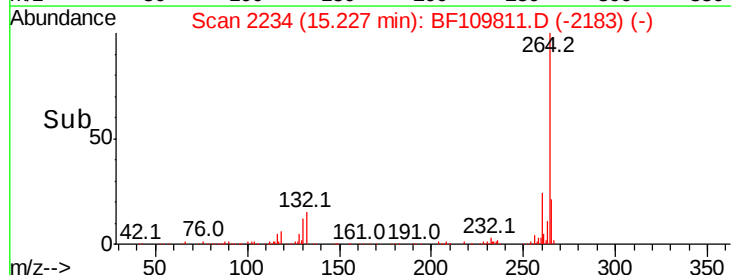
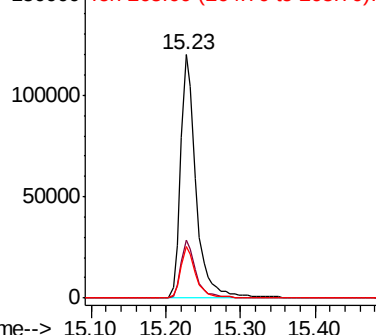


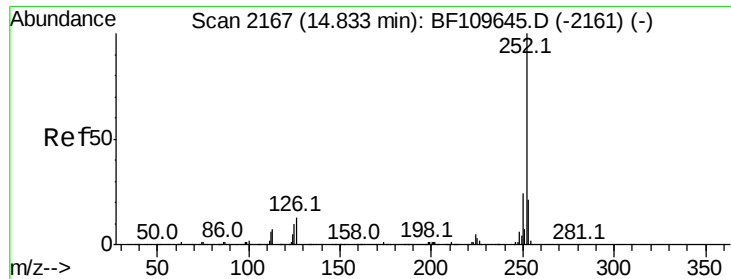
Abundance

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



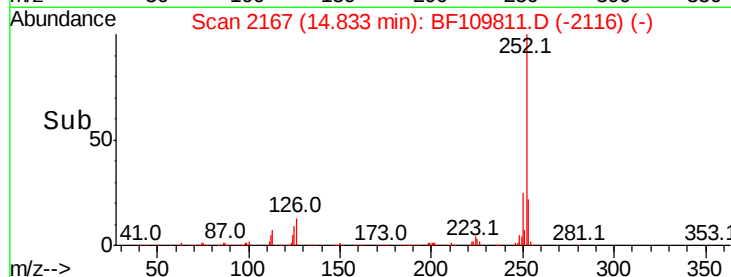
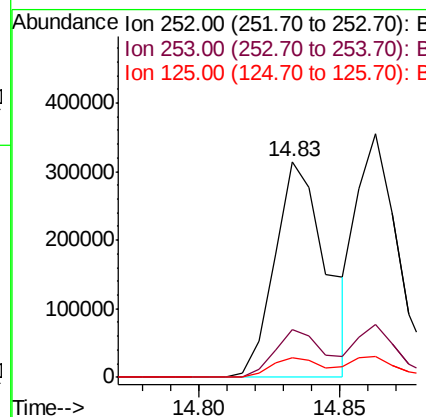
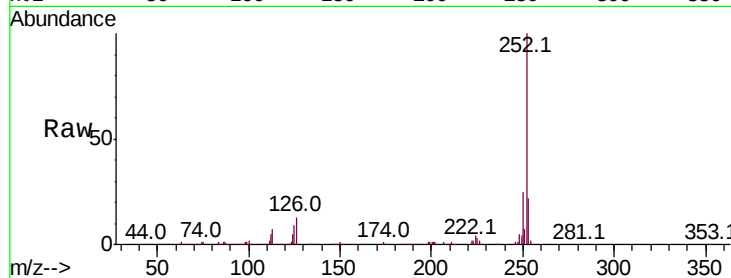


#87
Benzo(b)fluoranthene
Concen: 41.935 ng
RT: 14.83 min Scan# 2167
Delta R.T. -0.00 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

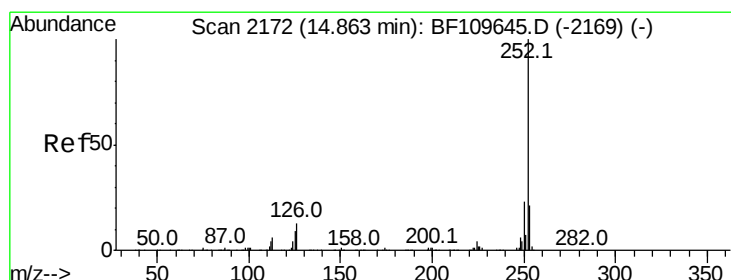
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.2	25.8
125	9.4	8.2	12.4

Manual Integrations
APPROVED



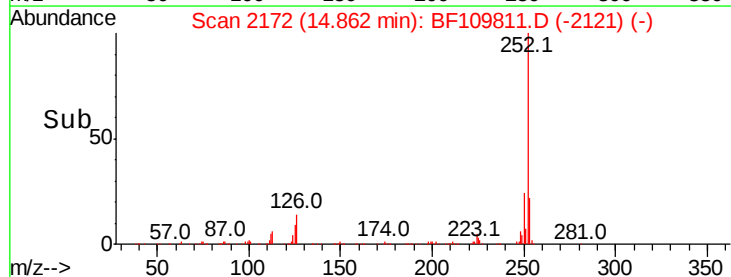
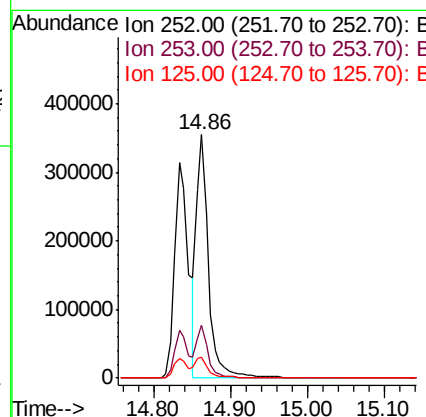
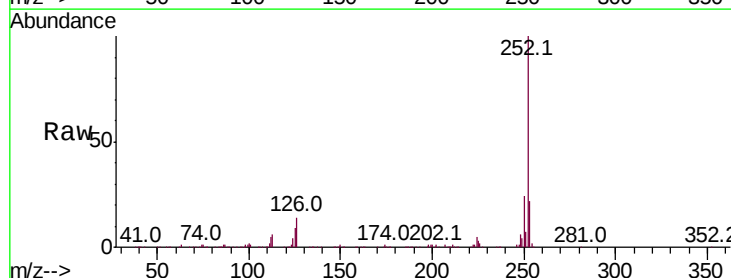
Sohil

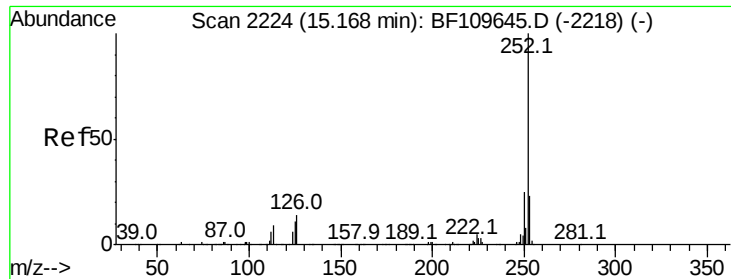
10/12/2018 11:01:43 AM



#88
Benzo(k)fluoranthene
Concen: 40.522 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	8.8	7.4	11.0



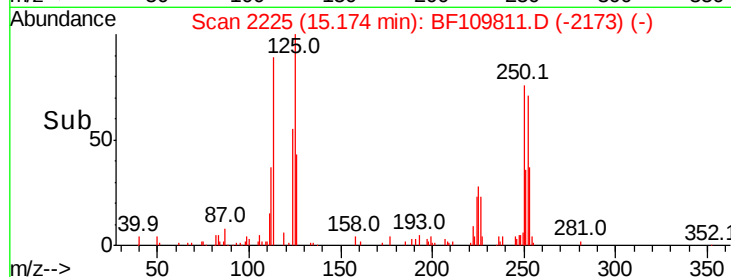
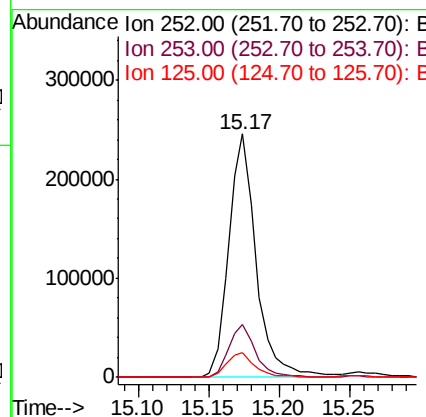
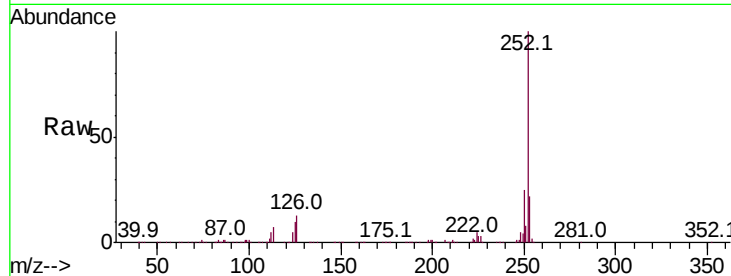


#89
Benzo(a)pyrene
Concen: 38.658 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

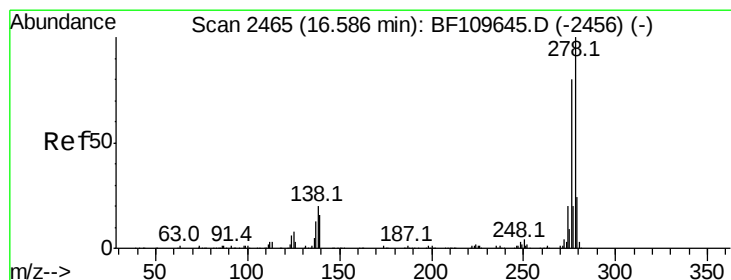
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	18.2	27.4
125	10.3	9.0	13.6

Manual Integrations
APPROVED



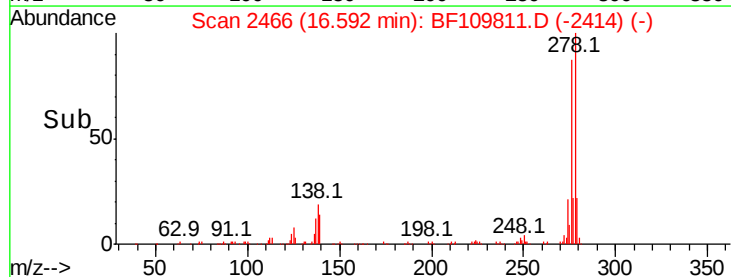
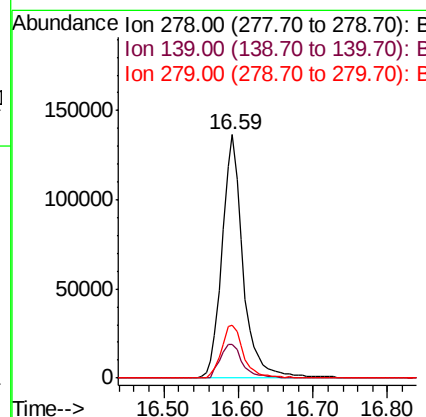
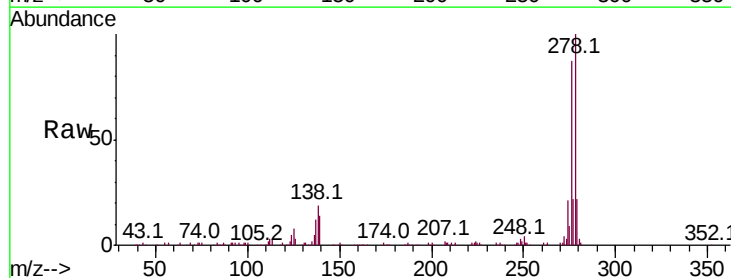
Sohil

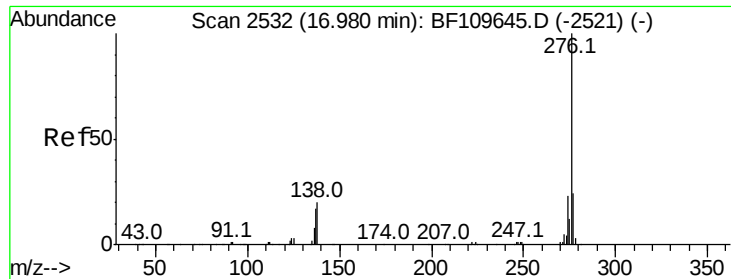
10/12/2018 11:01:43 AM



#90
Dibenzo(a,h)anthracene
Concen: 37.691 ng
RT: 16.59 min Scan# 2466
Delta R.T. 0.01 min
Lab File: BF109811.D
Acq: 12 Oct 2018 3:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.7	12.7	19.1
279	21.8	19.0	28.4



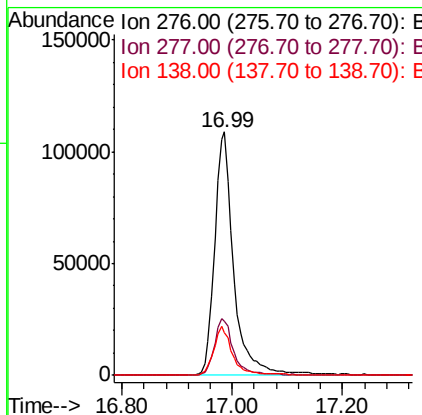
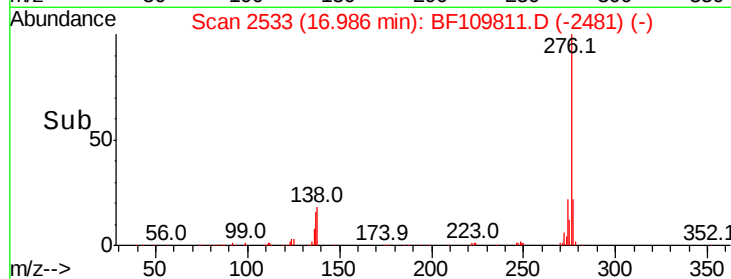
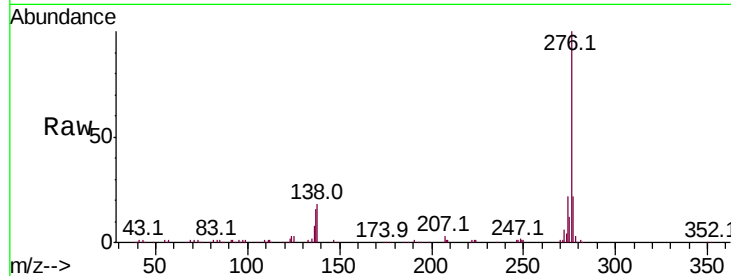


#91
 Benzo(a,h,i)perylene
 Concen: 37.239 ng
 RT: 16.99 min Scan# 2533
 Delta R.T. 0.01 min
 Lab File: BF109811.D
 Acq: 12 Oct 2018 3:10

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	276	Resp:	262879
Ion Ratio	Lower	Upper	
276	100		
277	22.4	18.8	28.2
138	17.7	16.0	24.0

Manual Integrations
 APPROVED



Sohil

10/12/2018 11:01:43 AM