

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
 Data File : BF108317.D
 Acq On : 21 Aug 2018 3:59
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 99 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

Quant Time: Aug 21 06:02:34 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 08 12:24:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	129615	20.00	ng	0.00
21) Naphthalene-d8	8.31	136	462534	20.00	ng	0.00
38) Acenaphthene-d10	10.07	164	194036	20.00	ng	0.00
63) Phenanthrene-d10	11.56	188	358936	20.00	ng	0.00
75) Chrysene-d12	14.22	240	256375	20.00	ng	0.00
86) Perylene-d12	15.78	264	199096	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	625800	87.41	ng	0.01
7) Phenol-d6	6.64	99	795962	83.66	ng	0.01
23) Nitrobenzene-d5	7.58	82	750105	90.49	ng	0.00
41) 2,4,6-Tribromophenol	10.86	330	163630	84.54	ng	0.00
44) 2-Fluorobiphenyl	9.38	172	1258115	104.10	ng	0.00
78) Terphenyl-d14	13.15	244	1134033	112.47	ng	0.00

8/21/2018 1:43:35 PM

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.90	88	143291	38.952	ng	90
3) Pyridine	3.68	79	390571	41.216	ng	89
4) n-Nitrosodimethylamine	3.65	42	182833	34.288	ng	86
6) Aniline	6.68	93	505860	39.091	ng	98
8) 2-Chlorophenol	6.81	128	342610	42.490	ng	98
9) Benzaldehyde	6.58	77	257936	34.969	ng	98
10) Phenol	6.65	94	406262	41.283	ng	89
11) bis(2-Chloroethyl)ether	6.75	93	342136	43.004	ng	91
12) 1,3-Dichlorobenzene	6.96	146	399327	42.831	ng	97
13) 1,4-Dichlorobenzene	7.04	146	405696	43.310	ng	98
14) 1,2-Dichlorobenzene	7.19	146	372372	42.737	ng	99
15) Benzyl Alcohol	7.15	79	303992	37.956	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	606835	37.025	ng	99
17) 2-Methylphenol	7.26	107	268701	38.859	ng	94
18) Hexachloroethane	7.53	117	99524	29.843	ng	95
19) n-Nitroso-di-n-propylamine	7.42	70	253193	39.356	ng	91
20) 3+4-Methylphenols	7.41	107	349322	39.422	ng	96
22) Acetophenone	7.42	105	453427	41.925	ng	# 93
24) Nitrobenzene	7.60	77	362474	43.245	ng	94
25) Isophorone	7.84	82	564748	35.746	ng	98
26) 2-Nitrophenol	7.91	139	115517	36.494	ng	89
27) 2,4-Dimethylphenol	7.94	122	255428	36.427	ng	97
28) bis(2-Chloroethoxy)methane	8.04	93	382574	41.480	ng	99
29) 2,4-Dichlorophenol	8.15	162	266855	41.354	ng	98
30) 1,2,4-Trichlorobenzene	8.24	180	308541	43.367	ng	97
31) Naphthalene	8.32	128	854522	40.624	ng	99
32) Benzoic acid	8.04	122	65207	20.005	ng	94
33) 4-Chloroaniline	8.37	127	363213	39.622	ng	99
34) Hexachlorobutadiene	8.44	225	205879	45.711	ng	100
35) Caprolactam	8.74	113	74062	36.624	ng	# 81
36) 4-Chloro-3-methylphenol	8.84	107	258162	37.085	ng	96
37) 2-Methylnaphthalene	9.02	142	526118	35.351	ng	98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	285116	47.849	ng	# 96
42) 2,4,6-Trichlorophenol	9.30	196	175316	47.413	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) 2,4,5-Trichlorophenol	9.34	196	179552m	44.111	nq	
45) 1,1'-Biphenyl	9.48	154	691126	48.309	nq	99
46) 2-Chloronaphthalene	9.51	162	527979	46.694	nq	99
47) 2-Nitroaniline	9.60	65	184331	50.383	nq	84
48) Acenaphthylene	9.93	152	747940	41.841	nq	100
49) Dimethylphthalate	9.77	163	617756	45.705	nq	99
50) 2,6-Dinitrotoluene	9.84	165	108804	38.476	nq	95
51) Acenaphthene	10.10	154	440478	40.231	nq	99
52) 3-Nitroaniline	10.02	138	154409	49.906	nq	98
53) 2,4-Dinitrophenol	10.12	184	1400	8.227	nq	# 28
54) Dibenzofuran	10.27	168	680184	42.880	nq	97
55) 4-Nitrophenol	10.17	139	82994	35.423	nq	86
56) 2,4-Dinitrotoluene	10.25	165	123476	33.922	nq	# 97
57) Fluorene	10.62	166	498028	39.661	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.39	232	134535	39.544	nq	# 86
59) Diethylphthalate	10.47	149	581719	44.446	nq	96
60) 4-Chlorophenyl-phenylether	10.60	204	291259	44.514	nq	94
61) 4-Nitroaniline	10.63	138	154288	50.437	nq	95
62) Azobenzene	10.77	77	533371	39.461	nq	93
64) 4,6-Dinitro-2-methylphenol	10.66	198	4418	8.271	nq	96
65) n-Nitrosodiphenylamine	10.72	169	483168	45.552	nq	97
66) 4-Bromophenyl-phenylether	11.10	248	179521	46.023	nq	# 88
67) Hexachlorobenzene	11.17	284	179379	43.707	nq	90
68) Atrazine	11.24	200	133510	37.528	nq	96
69) Pentachlorophenol	11.36	266	94417	48.064	nq	98
70) Phenanthrene	11.59	178	701776	41.452	nq	99
71) Anthracene	11.64	178	714688	41.188	nq	100
72) Carbazole	11.80	167	695529	45.116	nq	98
73) Di-n-butylphthalate	12.11	149	828718	47.458	nq	99
74) Fluoranthene	12.78	202	746290	40.391	nq	96
76) Benzidine	12.90	184	406870	42.476	nq	99
77) Pyrene	13.02	202	768075	47.321	nq	99
79) Butylbenzylphthalate	13.61	149	333953	51.815	nq	95
80) Benzo(a)anthracene	14.21	228	583499	39.658	nq	100
81) 3,3'-Dichlorobenzidine	14.16	252	250986	47.600	nq	# 98
82) Chrysene	14.24	228	558359	41.394	nq	99
83) Bis(2-ethylhexyl)phthalate	14.17	149	441040	50.532	nq	99
84) Di-n-octyl phthalate	14.79	149	684244	51.405	nq	97
85) Indeno(1,2,3-cd)pyrene	17.41	276	421864	36.095	nq	# 90
87) Benzo(b)fluoranthene	15.31	252	451108m	37.918	nq	
88) Benzo(k)fluoranthene	15.34	252	453008	41.423	nq	# 96
89) Benzo(a)pyrene	15.71	252	411072	38.587	nq	# 97
90) Dibenzo(a,h)anthracene	17.42	278	364907	41.398	nq	# 93
91) Benzo(g,h,i)perylene	17.91	276	330441	38.071	nq	# 90

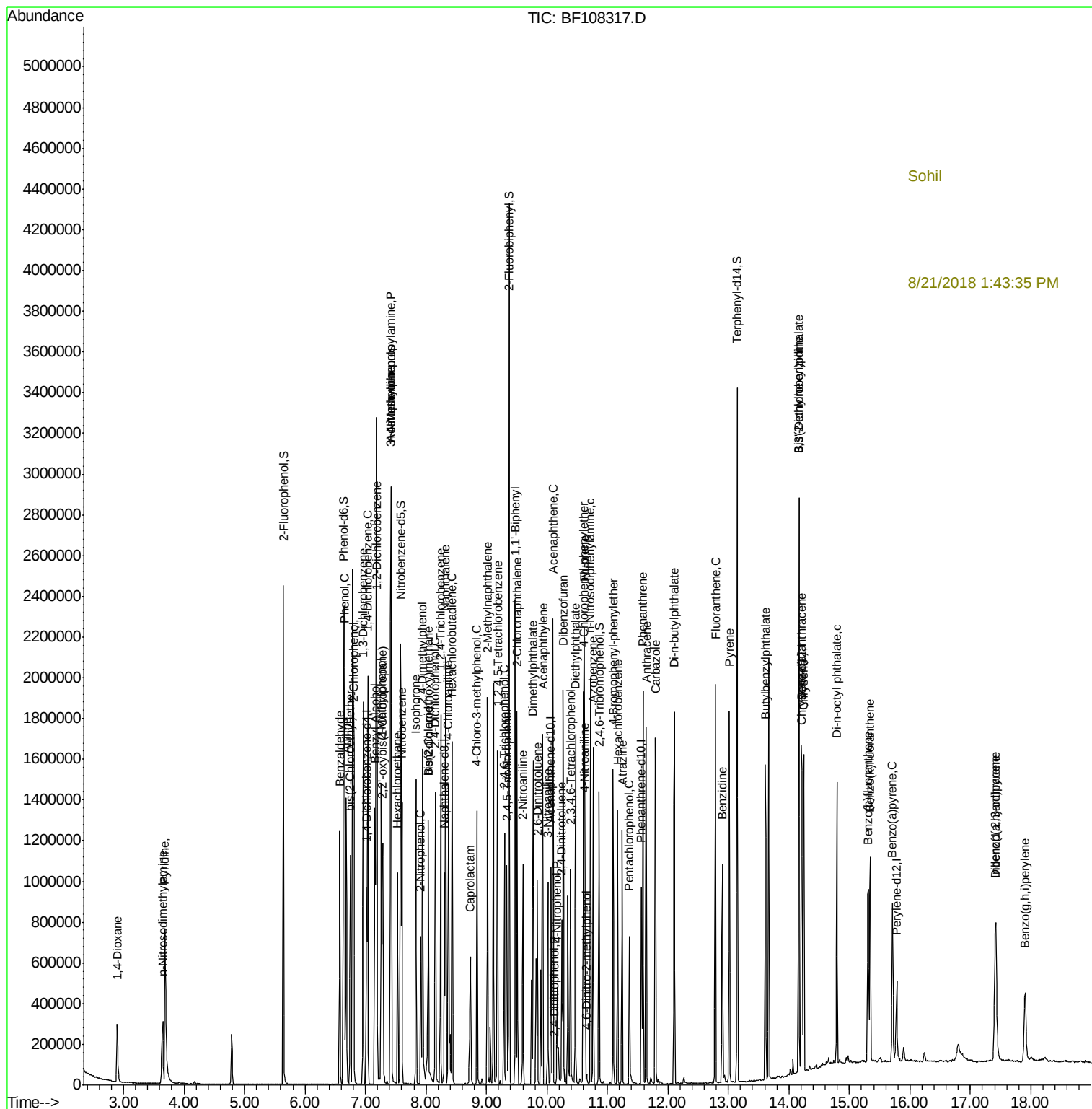
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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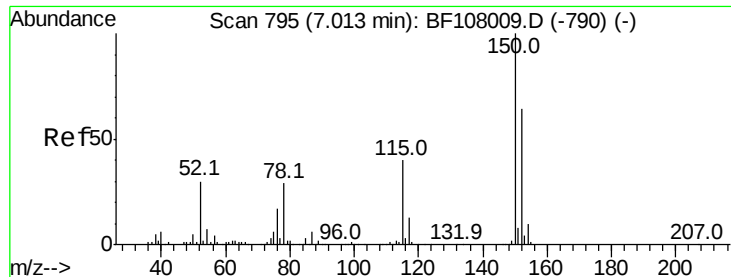
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8/21/2018 1:43:35 PM



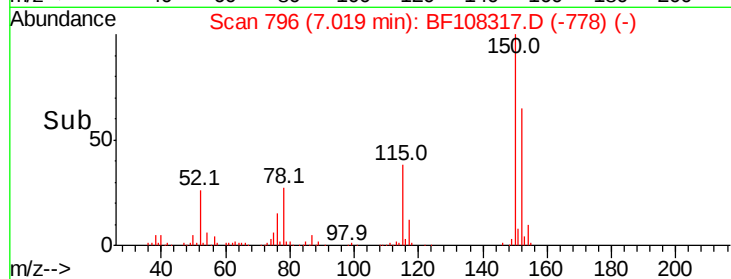
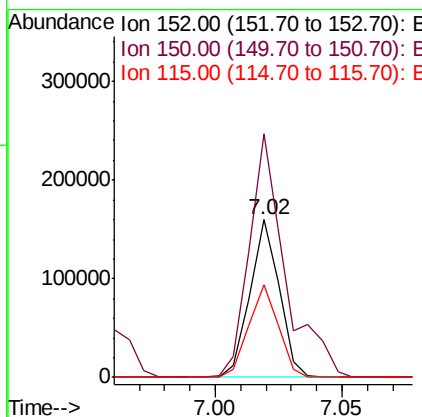
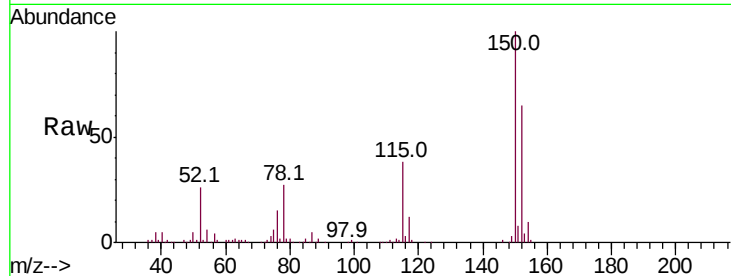
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.02 min Scan# 796
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

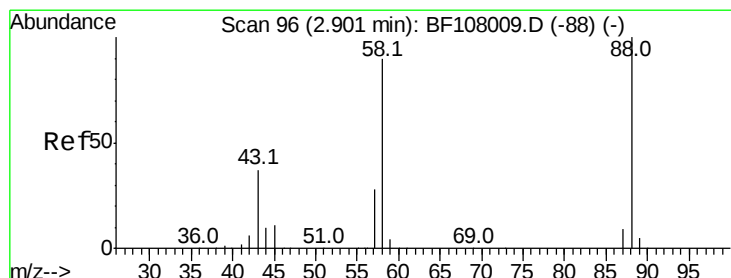
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	124.6	186.8
115	59.2	50.1	75.1

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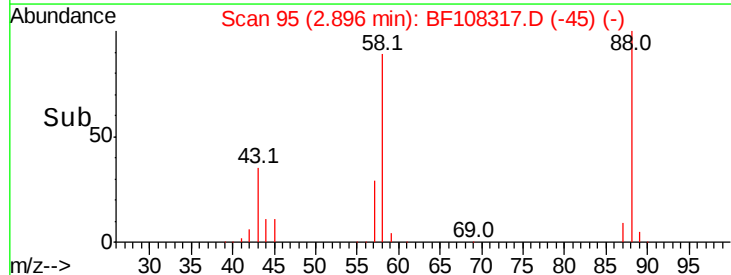
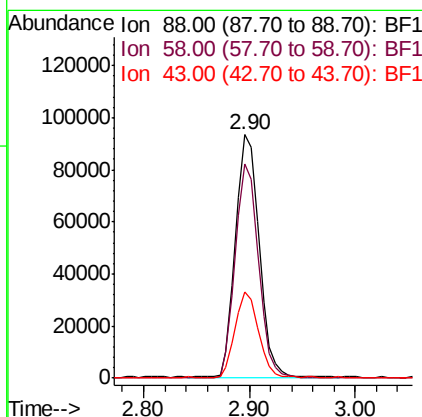
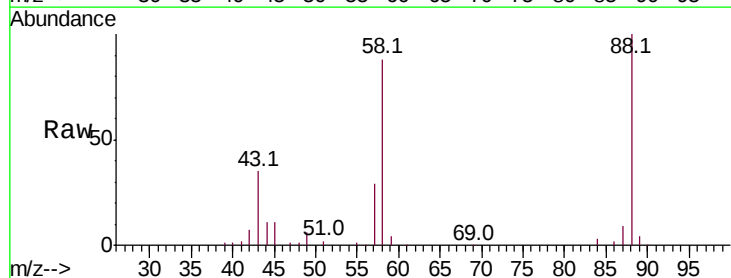
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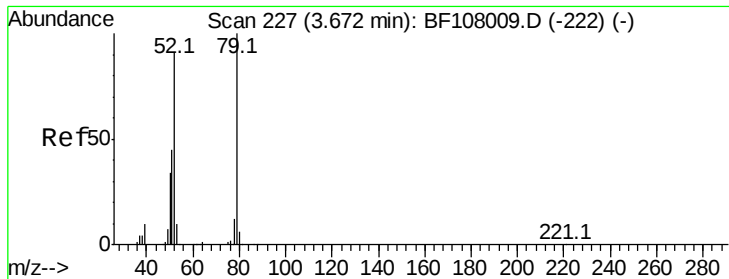


#2

1,4-Dioxane
Concen: 38.952 ng
RT: 2.90 min Scan# 95
Delta R.T. -0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	87.2	62.6	93.8
43	36.0	24.6	37.0





#3

Pvridine

Concen: 41.216 ng

RT: 3.68 min Scan# 229

Delta R.T. 0.01 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Instrument :

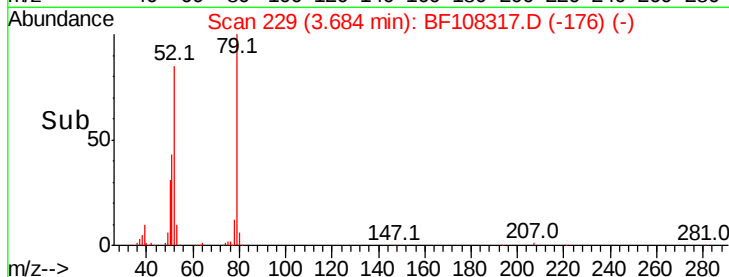
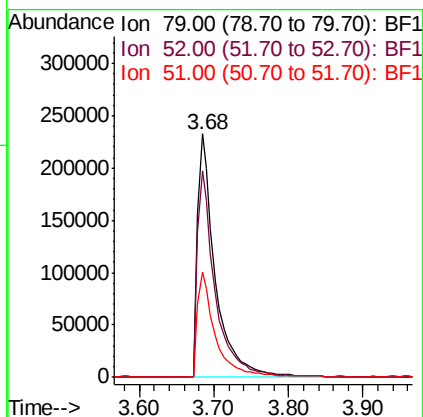
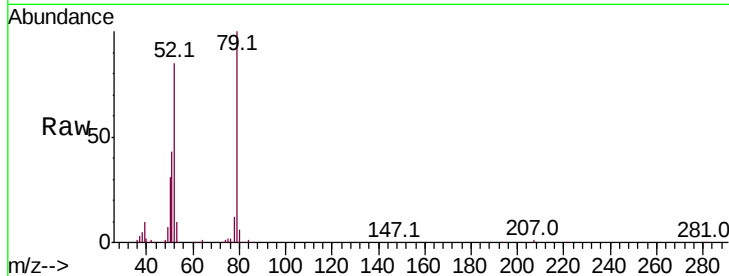
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ClientSampleId :

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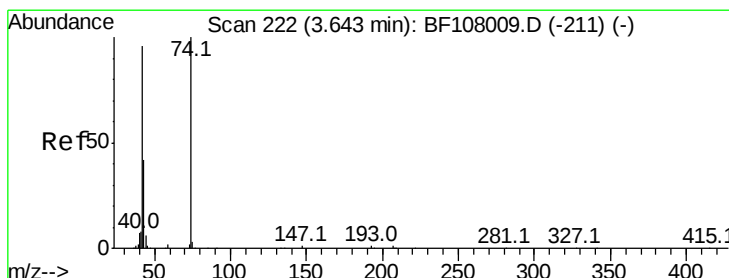
Tot Ion:	79	Resp:	390571
Ion Ratio	Lower	Upper	
79	100		
52	85.0	59.8	89.6
51	43.4	29.8	44.8

Manual Integrations
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8/21/2018 1:43:35 PM



#4

n-Nitrosodimethylamine

Concen: 34.288 ng

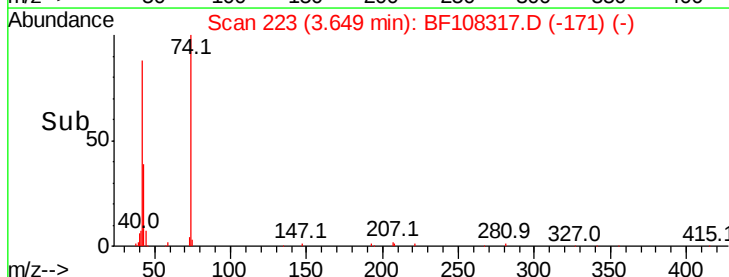
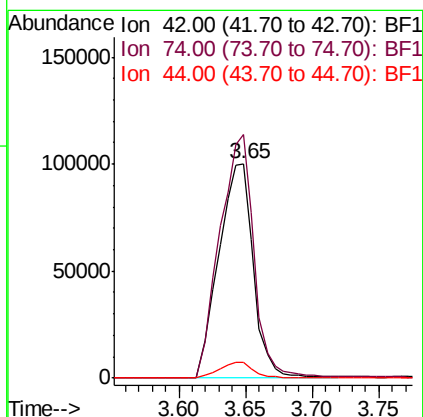
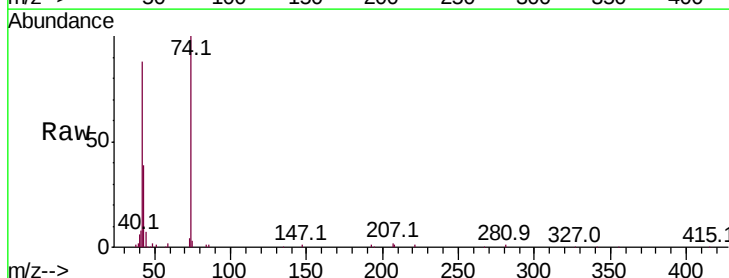
RT: 3.65 min Scan# 223

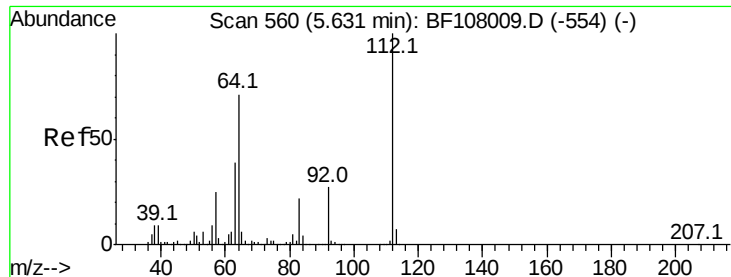
Delta R.T. 0.01 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Tgt Ion:	42	Resp:	182833
Ion Ratio	Lower	Upper	
42	100		
74	113.4	104.9	157.3
44	7.4	6.9	10.3





#5

2-Fluorophenol

Concen: 87.411 ng

RT: 5.64 min Scan# 562

Delta R.T. 0.01 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Instrument :

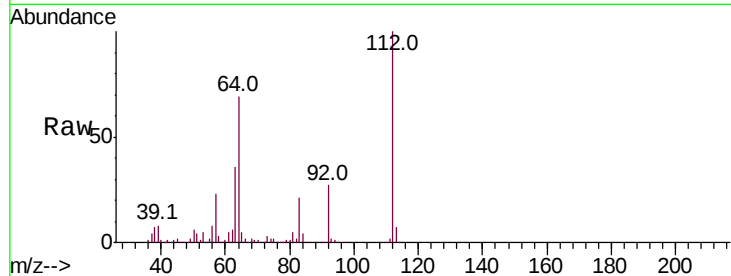
BNA_F

ClientSampleId :

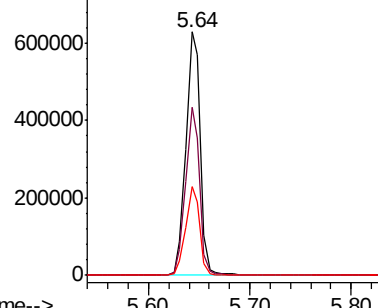
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
112	100			
64	69.1	47.9	71.9	
63	36.3	23.7	35.5	

Manual Integrations
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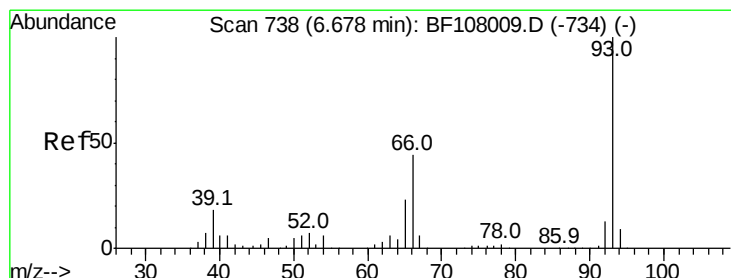
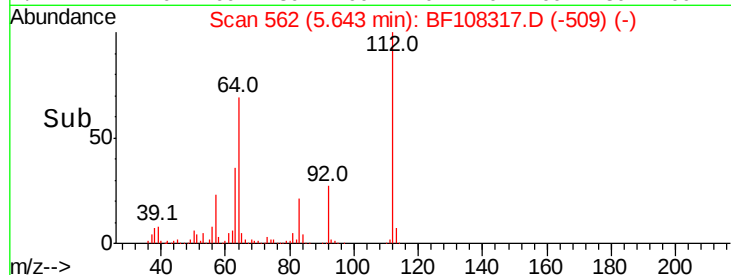


Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



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8/21/2018 1:43:35 PM



#6

Aniline

Concen: 39.091 ng

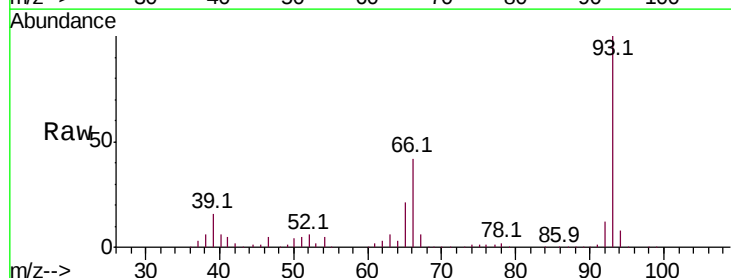
RT: 6.68 min Scan# 739

Delta R.T. 0.01 min

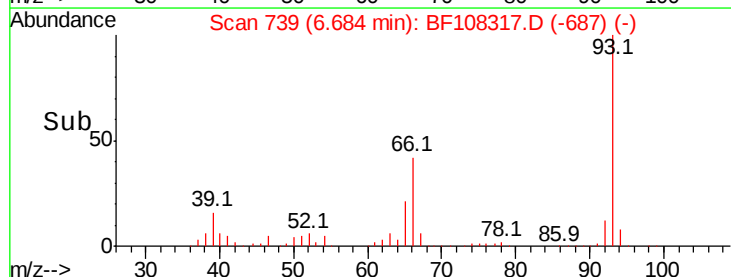
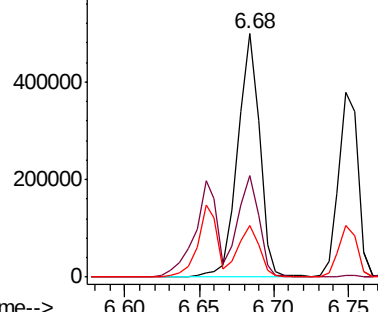
Lab File: BF108317.D

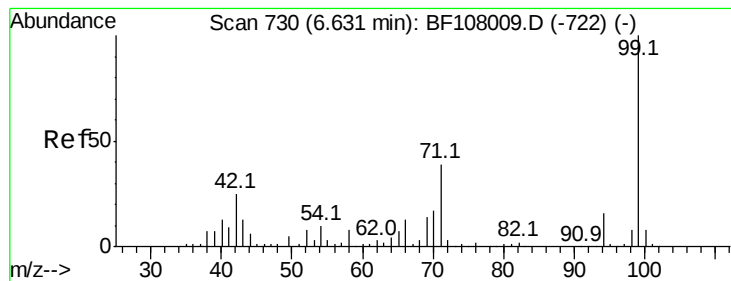
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
93	100			
66	41.7	32.2	48.2	
65	21.2	16.4	24.6	



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





#7

Phenol-d6

Concen: 83.665 ng

RT: 6.64 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Instrument :

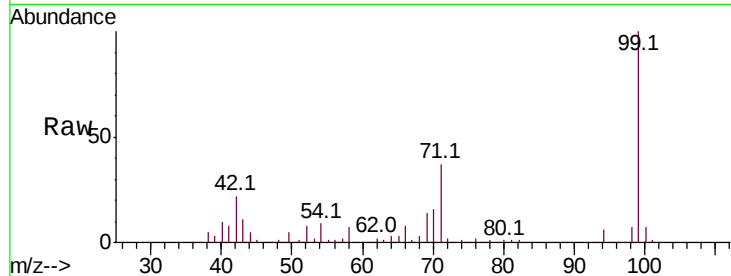
BNA_F

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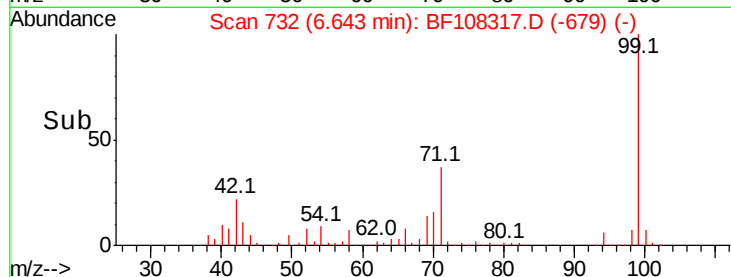
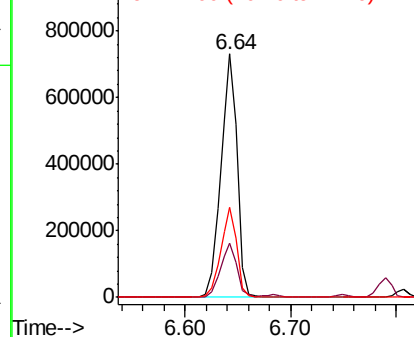
SSTDCCC040

Tot Ion:	99	Resp:	795962
Ion Ratio	Lower	Upper	
99	100		
42	22.3	14.5	21.7#
71	36.9	25.4	38.0

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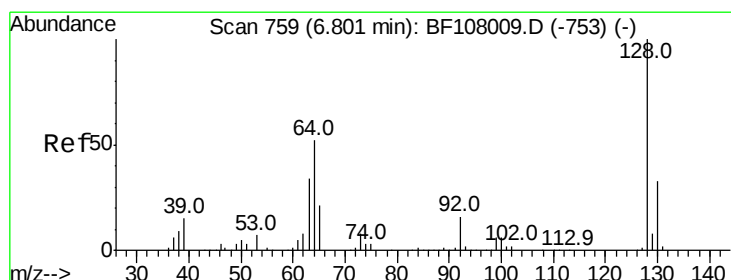


Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



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8/21/2018 1:43:35 PM



#8

2-Chlorophenol

Concen: 42.490 ng

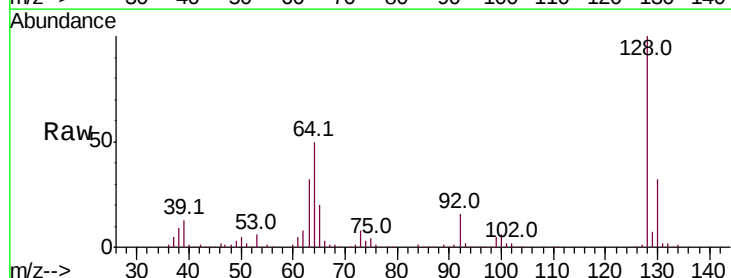
RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

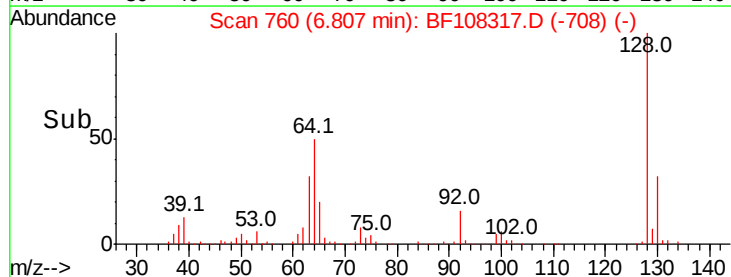
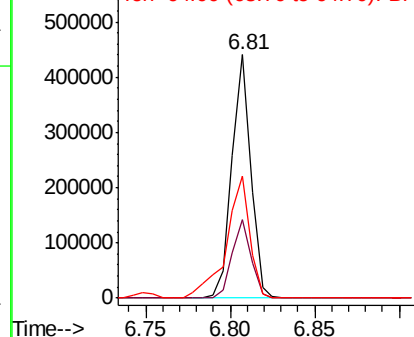
Lab File: BF108317.D

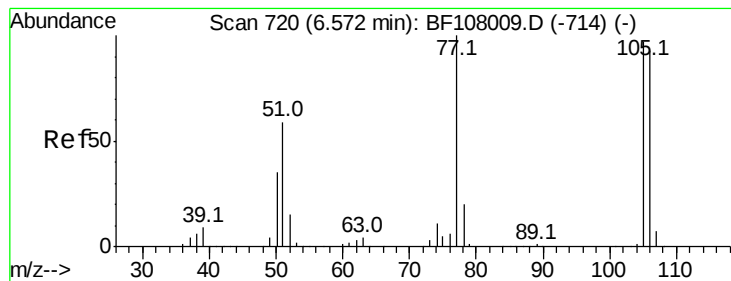
Acq: 21 Aug 2018 3:59

Tgt Ion:	128	Resp:	342610
Ion Ratio	Lower	Upper	
128	100		
130	32.1	13.0	53.0
64	50.4	29.4	69.4



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





#9

Benzaldehyde

Concen: 34.969 ng

RT: 6.58 min Scan# 721

Delta R.T. 0.01 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Instrument :

BNA_F

ClientSampleId :

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Tot Ion: 77 Resp: 257936

Ion Ratio Lower Upper

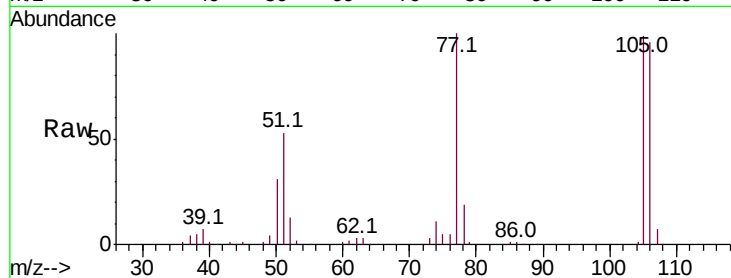
77 100

105 99.0 81.1 121.1

106 95.8 74.5 114.5

Manual Integrations

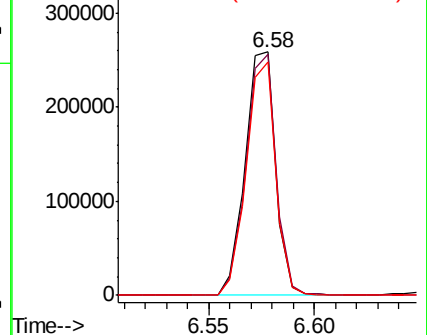
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Abundance Ion 77.00 (76.70 to 77.70): BF1

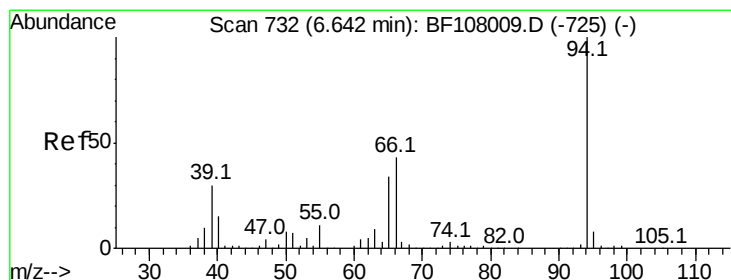
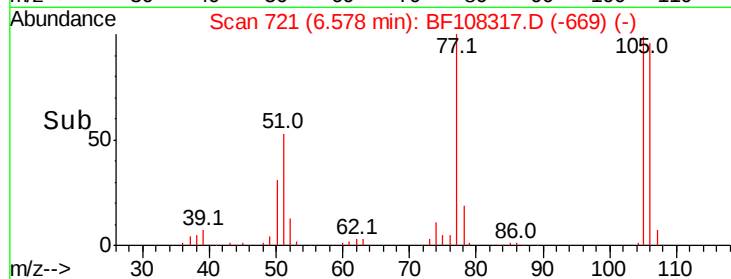
Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



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#10

Phenol

Concen: 41.283 ng

RT: 6.65 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

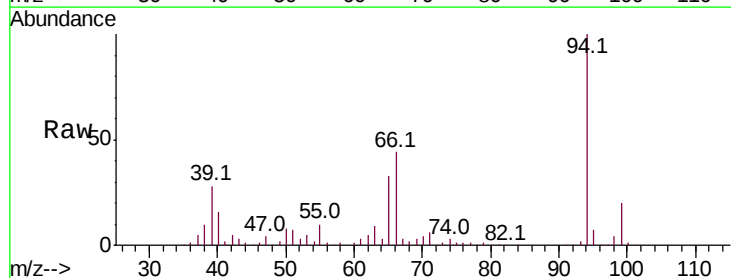
Tgt Ion: 94 Resp: 406262

Ion Ratio Lower Upper

94 100

65 32.7 7.9 47.9

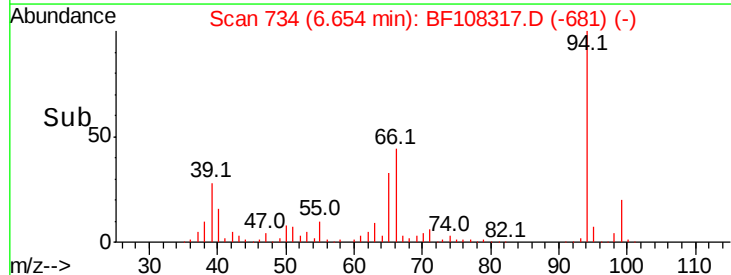
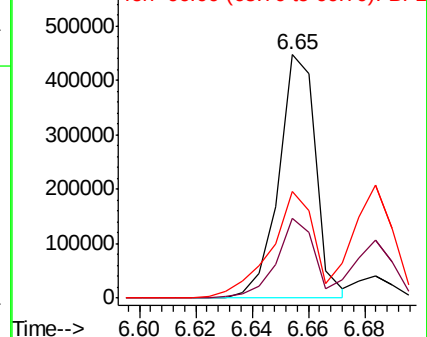
66 43.9 16.2 56.2

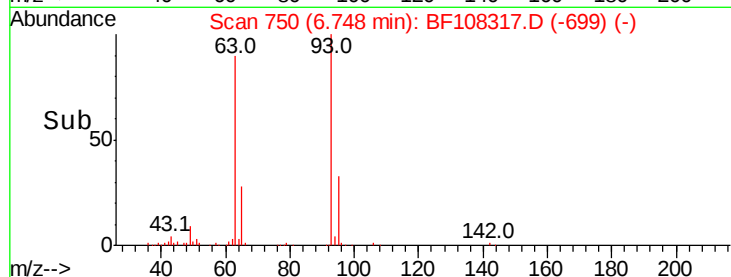
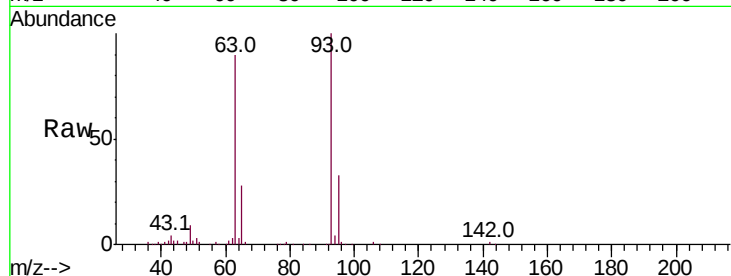
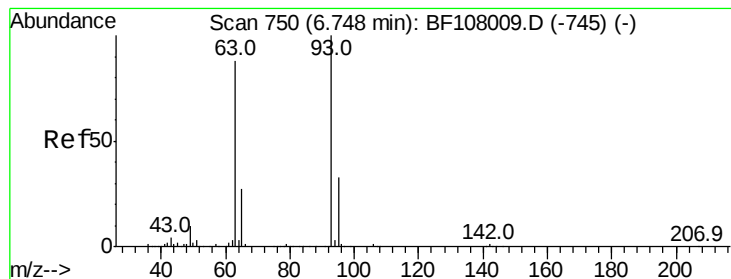


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





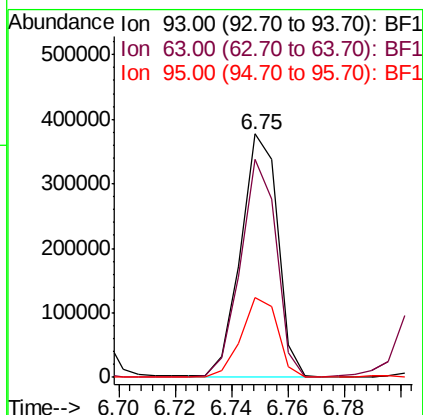
#11

bis(2-Chloroethyl)ether
Concen: 43.004 ng
RT: 6.75 min Scan# 750
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tot Ion	93	Resp	342136
Ion Ratio	100	Lower	Upper
93	100	58.6	98.6
63	89.6	11.8	51.8
95	32.5		

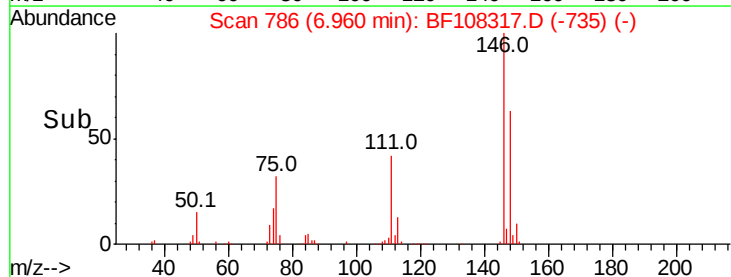
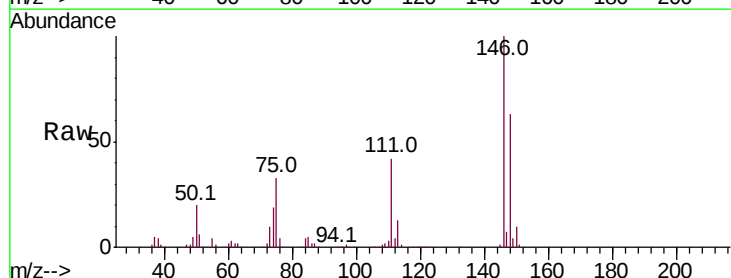
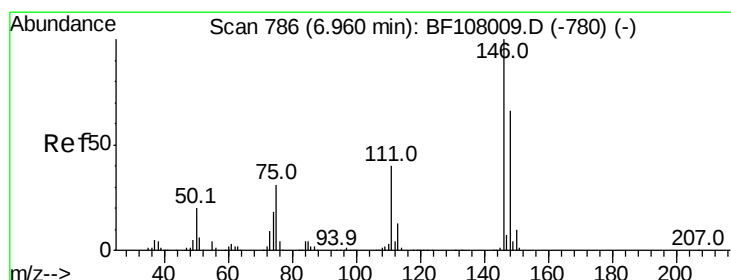
Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Manual Integrations
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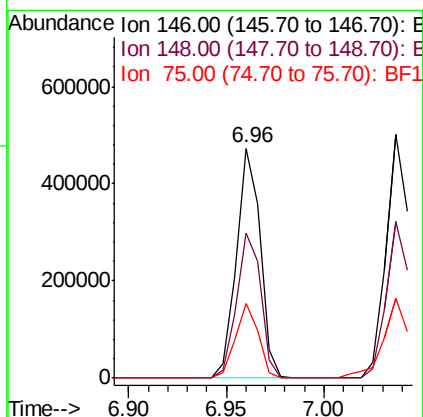
8/21/2018 1:43:35 PM

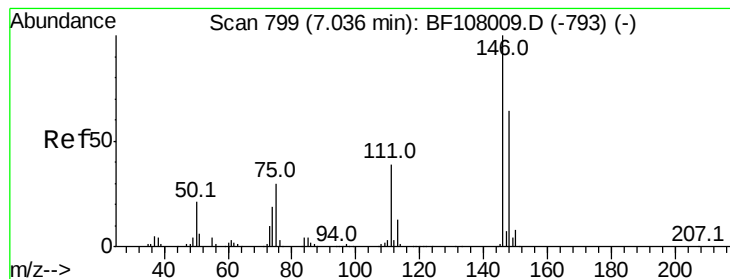


#12

1,3-Dichlorobenzene
Concen: 42.831 ng
RT: 6.96 min Scan# 786
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	146	Resp	399327
Ion Ratio	100	Lower	Upper
146	100	51.8	77.8
148	63.0	24.2	36.4
75	32.6		





#13

1,4-Dichlorobenzene

Concen: 43.310 ng

RT: 7.04 min Scan# 799

Delta R.T. 0.00 min

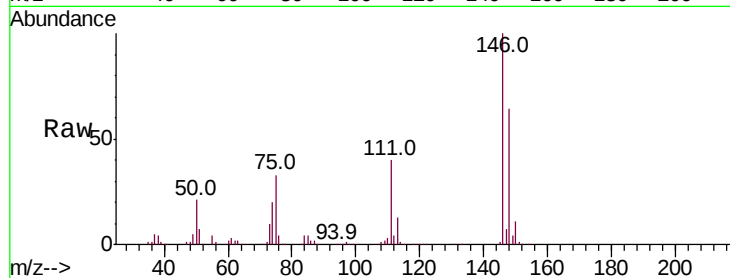
Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Tot Ion:	146	Resp:	405696
Ion Ratio	Lower	Upper	
146	100		
148	64.3	50.8	76.2
111	40.5	34.2	51.2

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations
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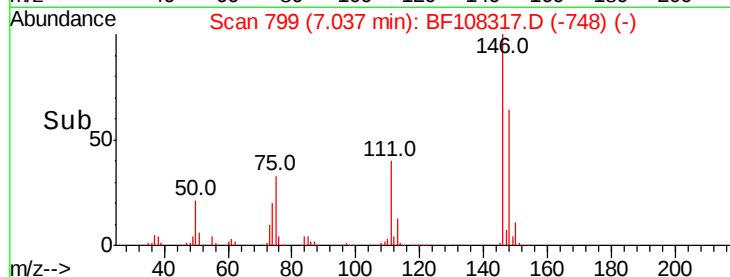
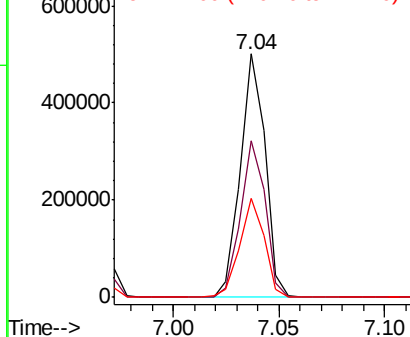


Abundance

Ion 146.00 (145.70 to 146.70): E

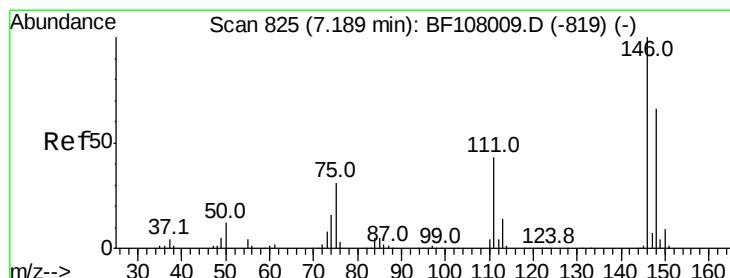
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



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8/21/2018 1:43:35 PM



#14

1,2-Dichlorobenzene

Concen: 42.737 ng

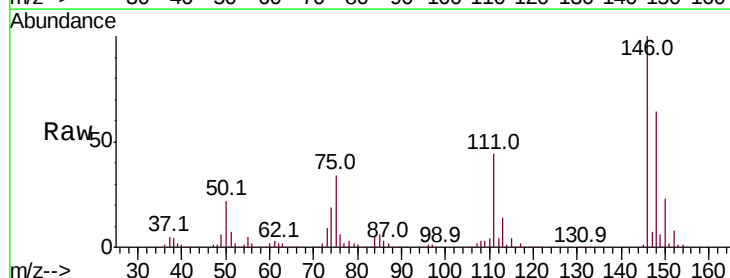
RT: 7.19 min Scan# 825

Delta R.T. 0.00 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Tgt Ion:	146	Resp:	372372
Ion Ratio	Lower	Upper	
146	100		
148	64.0	50.6	75.8
111	44.1	36.0	54.0

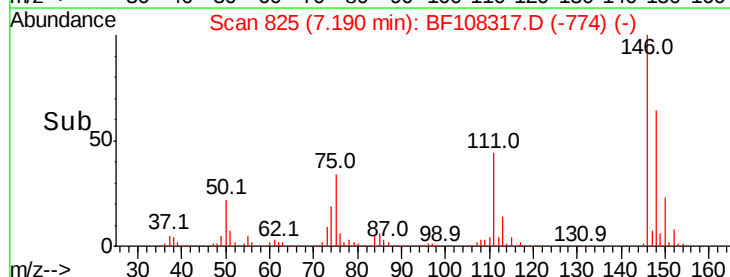
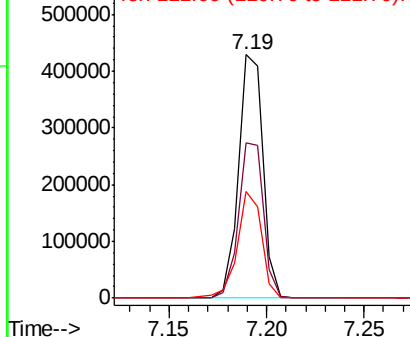


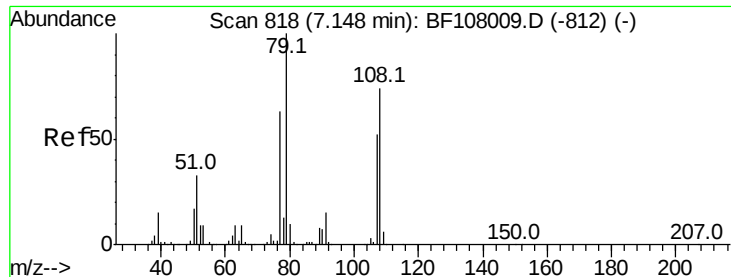
Abundance

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: 37.956 ng

RT: 7.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Instrument :

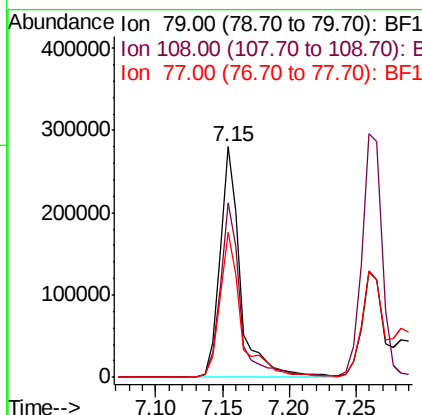
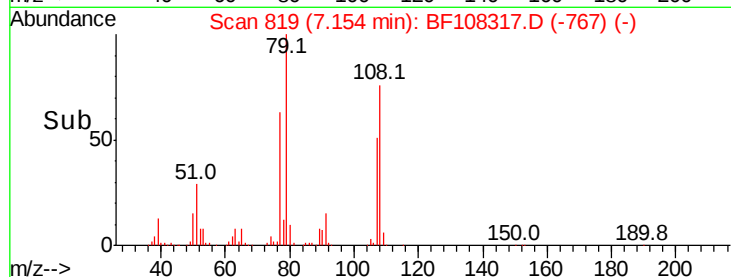
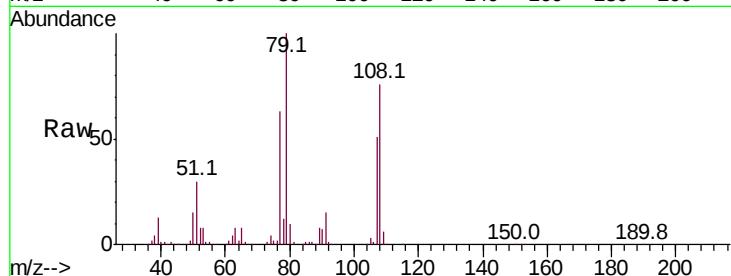
BNA_F

ClientSampleId :

SSTDCCC040

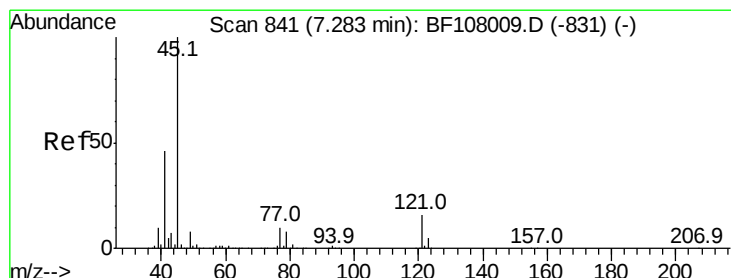
Tot Ion:	79	Resp:	303992
Ion Ratio	Lower	Upper	
79	100		
108	75.8	65.1	97.7
77	62.7	50.6	75.8

Manual Integrations
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8/21/2018 1:43:35 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.025 ng

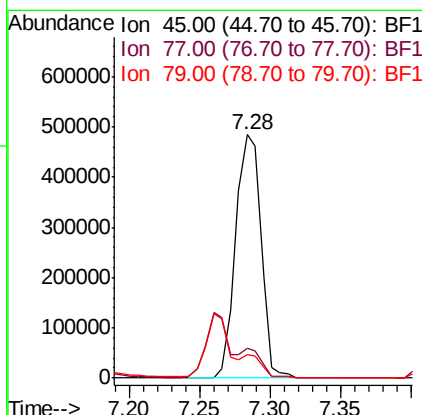
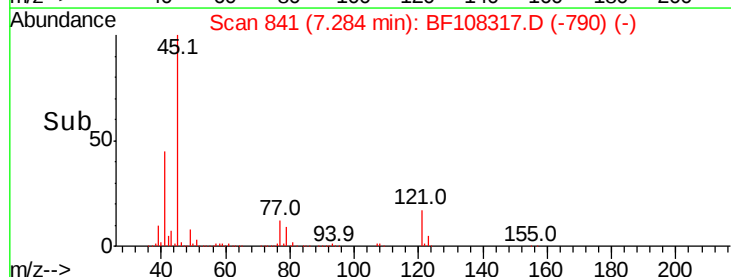
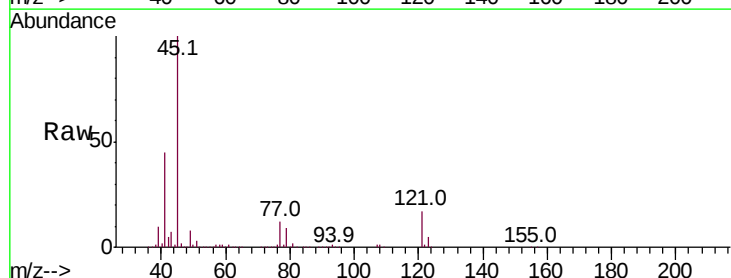
RT: 7.28 min Scan# 841

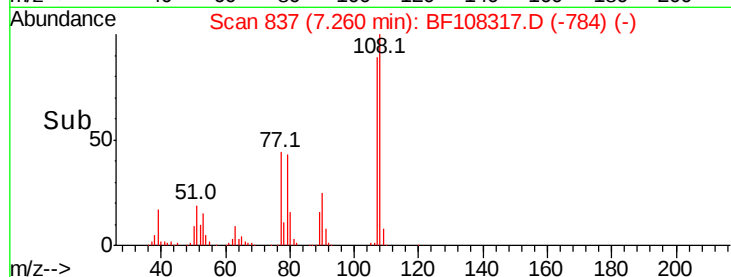
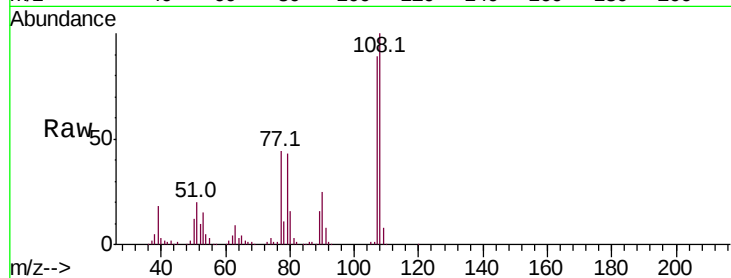
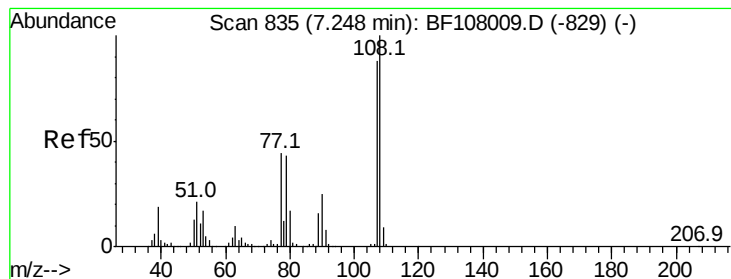
Delta R.T. 0.00 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Tgt Ion:	45	Resp:	606835
Ion Ratio	Lower	Upper	
45	100		
77	12.1	0.0	32.9
79	9.4	0.0	29.6





#17

2-Methylphenol

Concen: 38.859 ng

RT: 7.26 min Scan# 837

Delta R.T. 0.01 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Tot Ion:	107	Resp:	268701
Ion Ratio	Lower	Upper	
107	100		
108	112.7	91.7	137.5
77	49.6	33.8	50.8
79	48.9	33.8	50.8

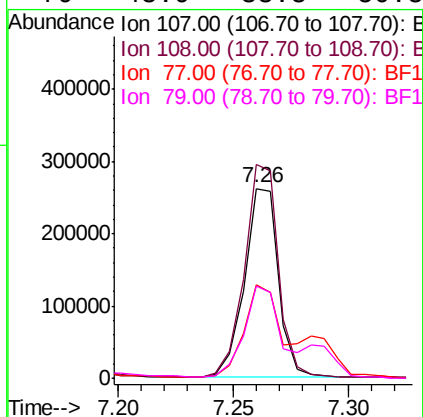
Instrument :

BNA_F

ClientSampleId :

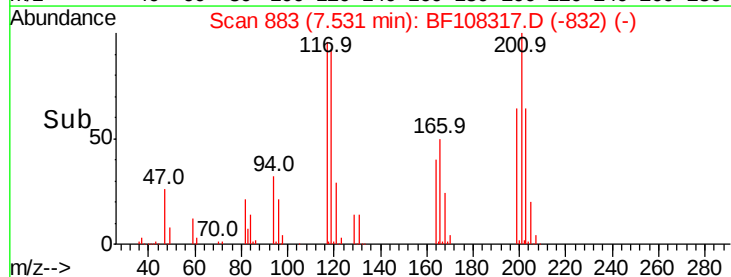
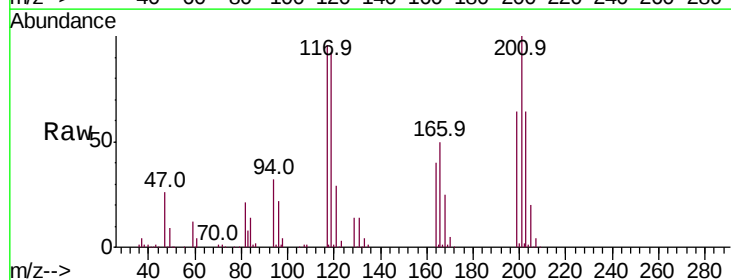
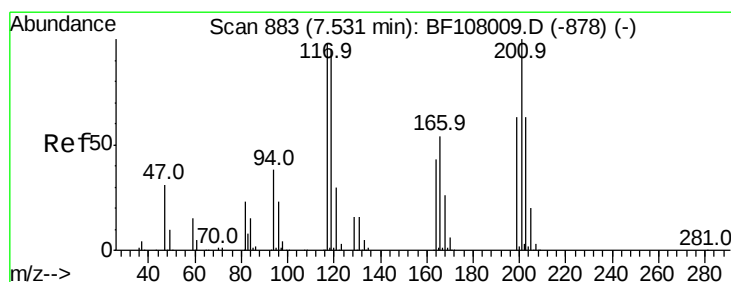
SSTDCCC040

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#18

Hexachloroethane

Concen: 29.843 ng

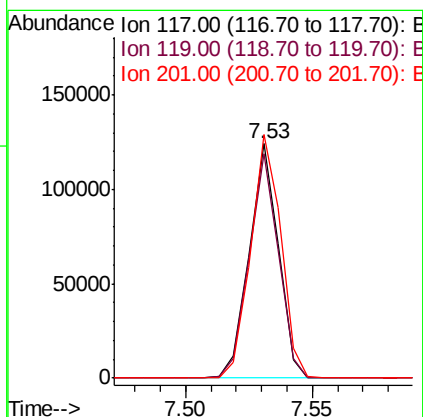
RT: 7.53 min Scan# 883

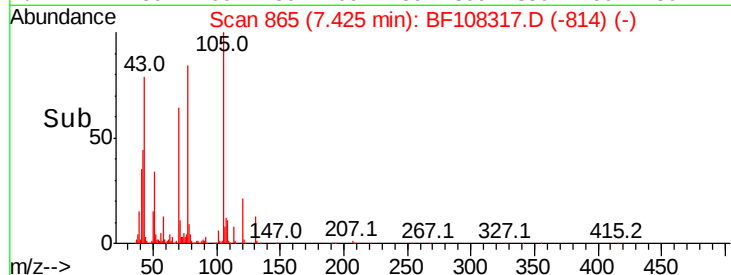
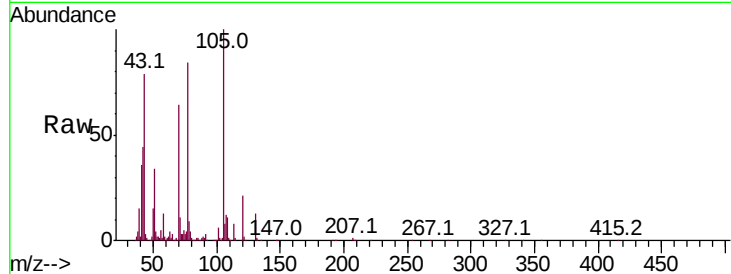
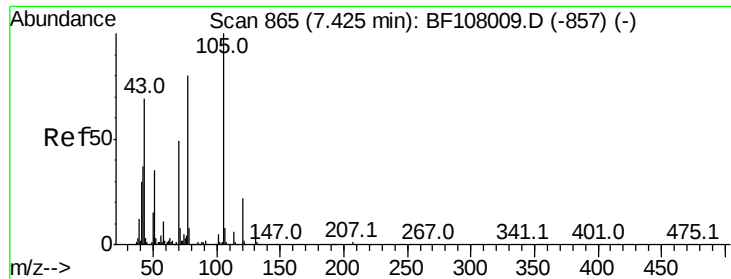
Delta R.T. 0.00 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

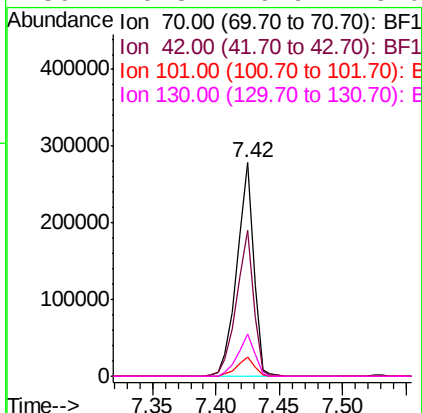
Tgt Ion:	117	Resp:	99524
Ion Ratio	Lower	Upper	
117	100		
119	95.8	75.8	113.8
201	104.0	75.7	113.5





#19
n-Nitroso-di-n-propylamine
Concen: 39.356 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tot Ion	Ratio	Lower	Upper
70	100		
42	68.4	47.5	71.3
101	9.1	7.4	11.2
130	19.8	16.6	25.0

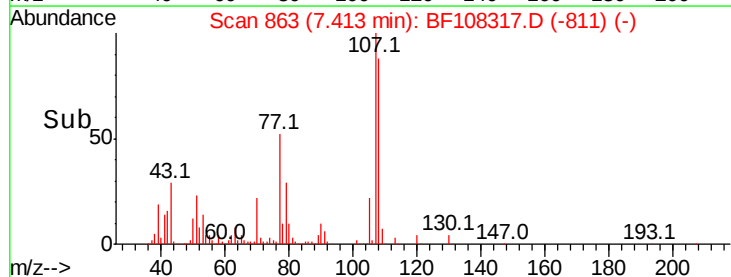
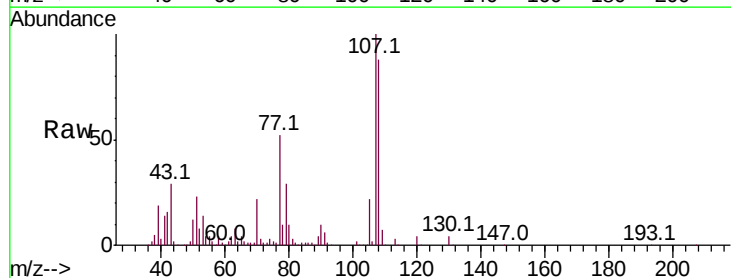
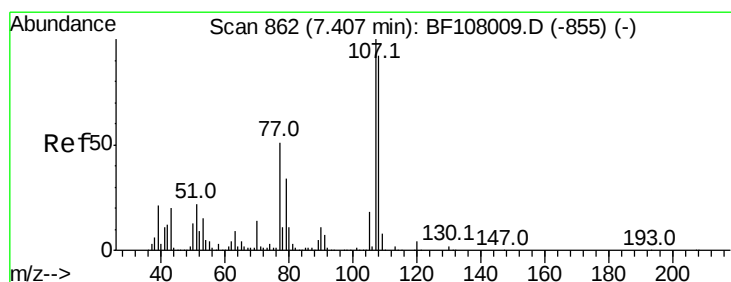


Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

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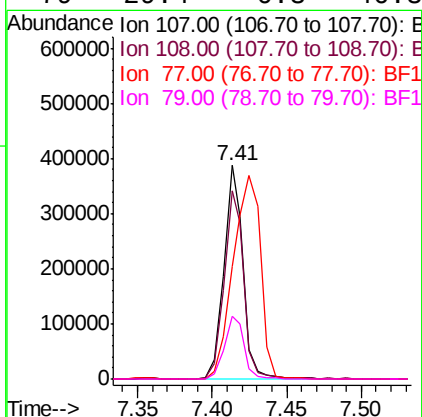
Sohil

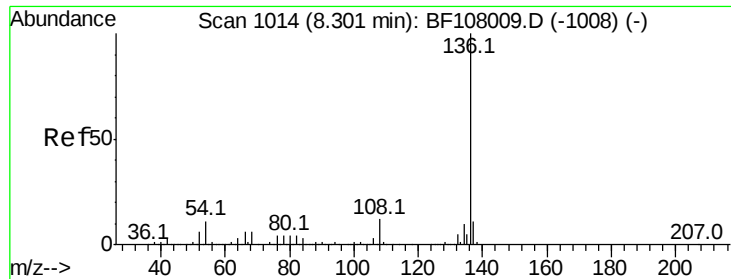
8/21/2018 1:43:35 PM



#20
3+4-Methylphenols
Concen: 39.422 ng
RT: 7.41 min Scan# 863
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.1	68.2	108.2
77	52.5	26.7	66.7
79	29.4	6.3	46.3



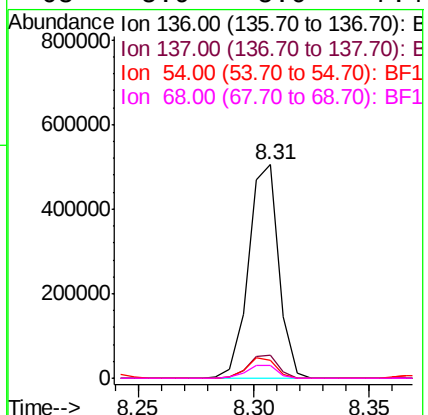
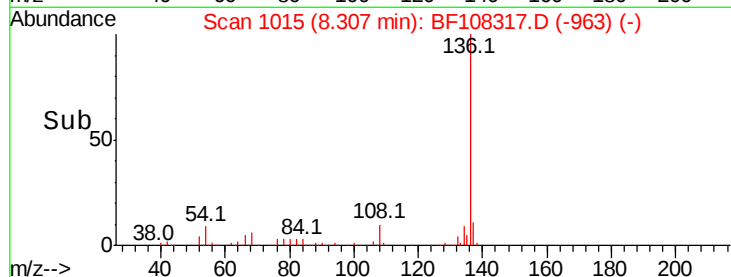
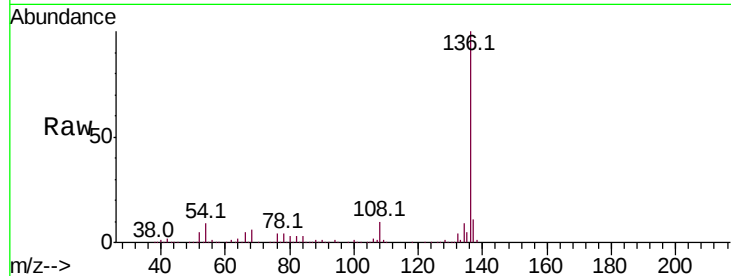


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.31 min Scan# 1015
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

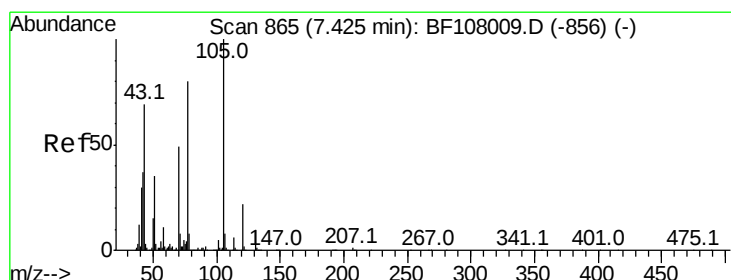
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.6	8.9	13.3	
54	8.6	6.6	9.8	
68	5.9	5.0	7.4	

Manual Integrations
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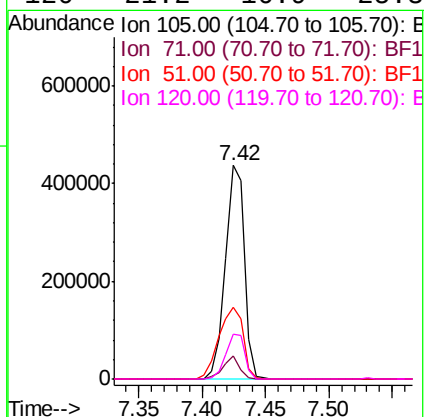
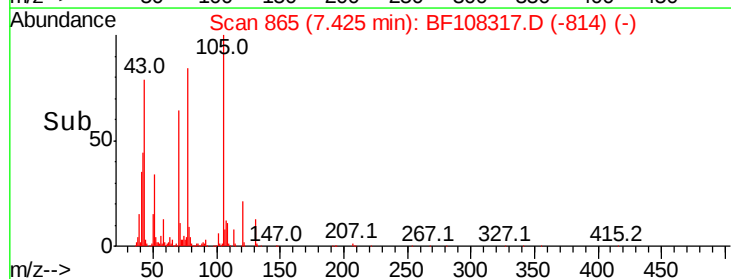
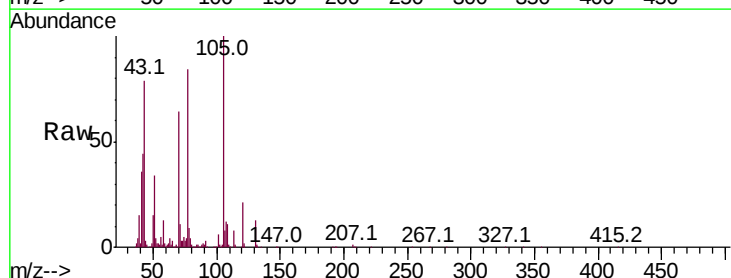
Sohil

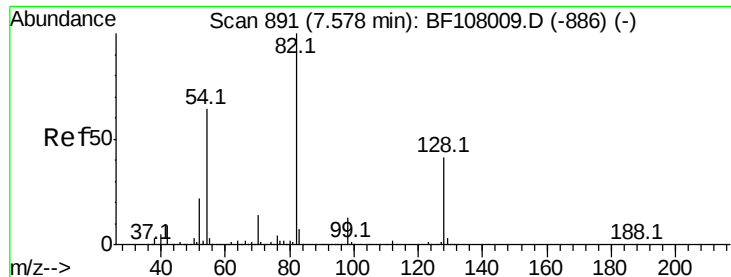
8/21/2018 1:43:35 PM



#22
Acetophenone
Concen: 41.925 ng
RT: 7.42 min Scan# 865
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	10.6	4.4	6.6#	
51	33.9	22.3	33.5#	
120	21.2	16.9	25.3	



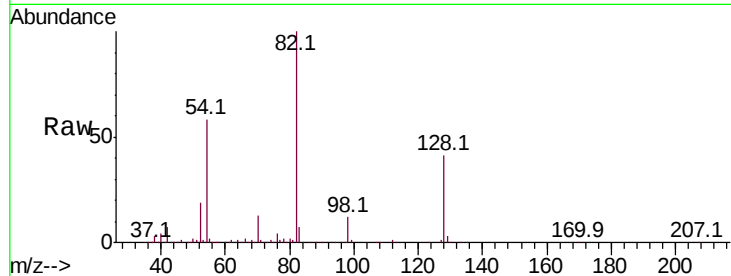


#23
 Nitrobenzene-d5
 Concen: 90.495 ng
 RT: 7.58 min Scan# 892
 Delta R.T. 0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.2	36.1	54.1	
54	57.7	41.4	62.2	

Manual Integrations
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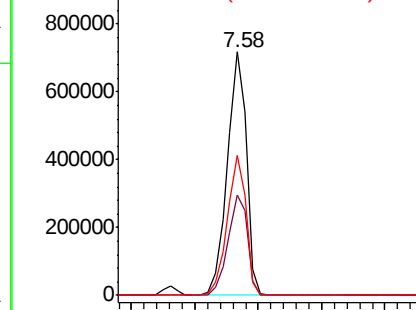


Abundance

Ion 82.00 (81.70 to 82.70): BF1

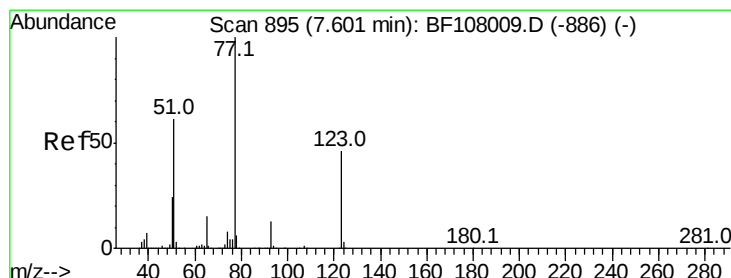
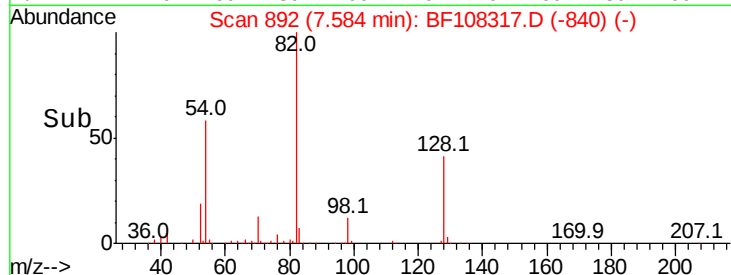
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



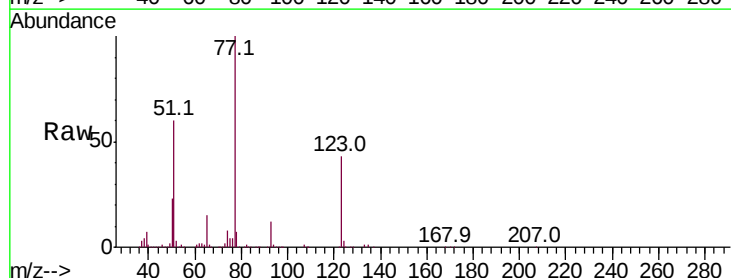
Sohil

8/21/2018 1:43:35 PM



#24
 Nitrobenzene
 Concen: 43.245 ng
 RT: 7.60 min Scan# 895
 Delta R.T. 0.00 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	43.0	37.9	56.9	
65	14.6	11.0	16.4	

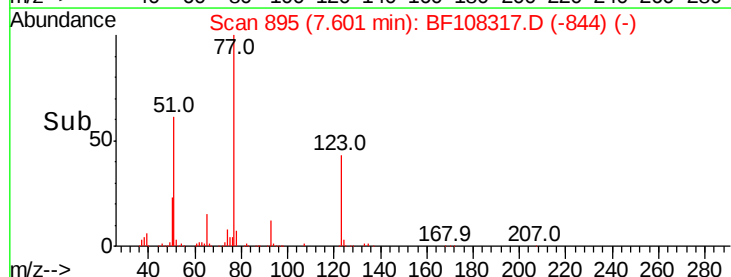
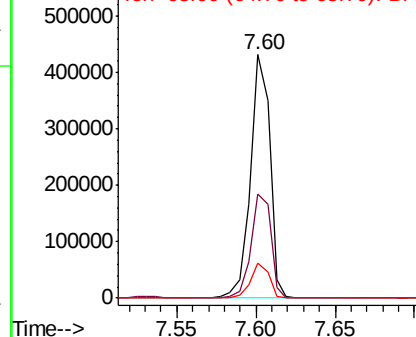


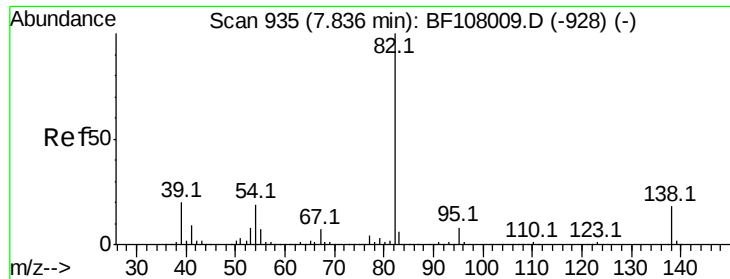
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 35.746 ng

RT: 7.84 min Scan# 935

Delta R.T. 0.00 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Instrument :

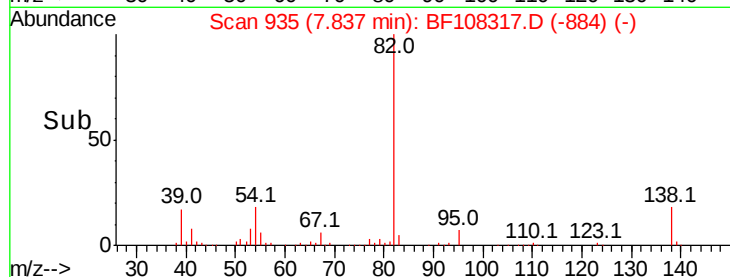
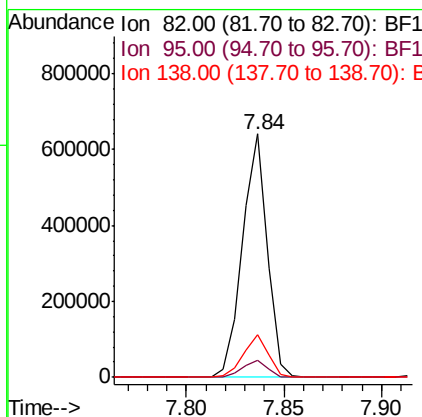
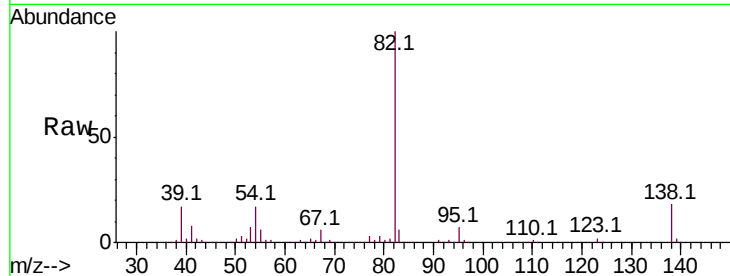
BNA_F

ClientSampleId :

SSTDCCC040

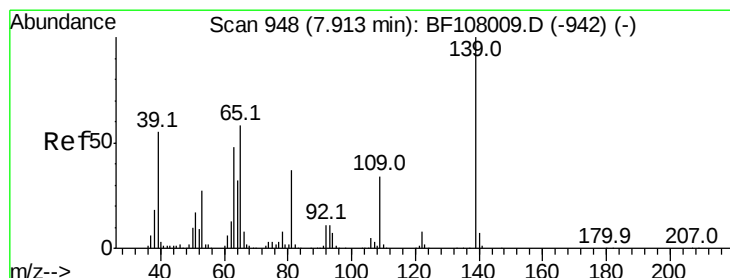
Tot Ion:	82	Resp:	564748
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.2	7.8
138	17.6	14.9	22.3

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8/21/2018 1:43:35 PM



#26

2-Nitrophenol

Concen: 36.494 ng

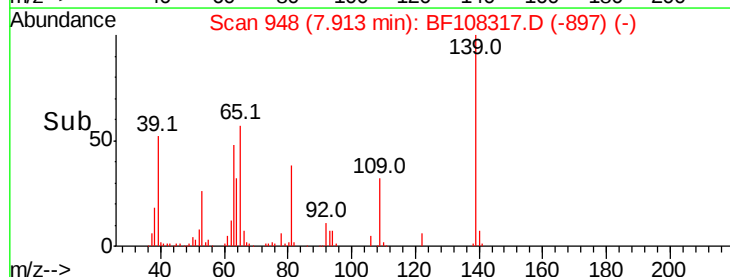
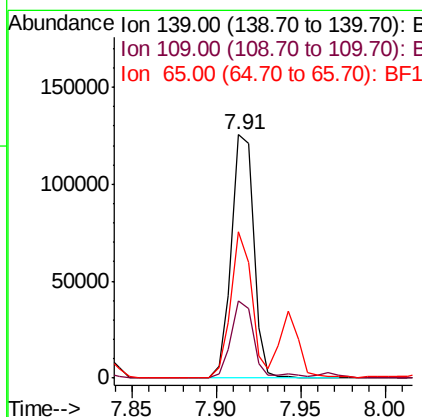
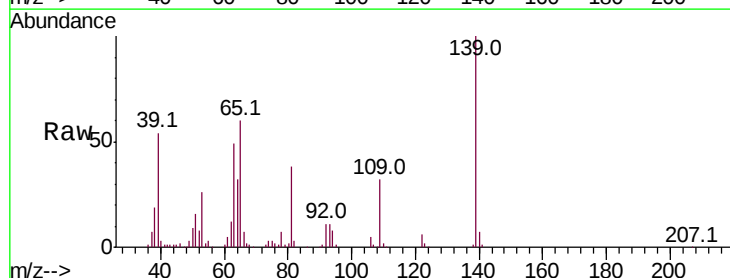
RT: 7.91 min Scan# 948

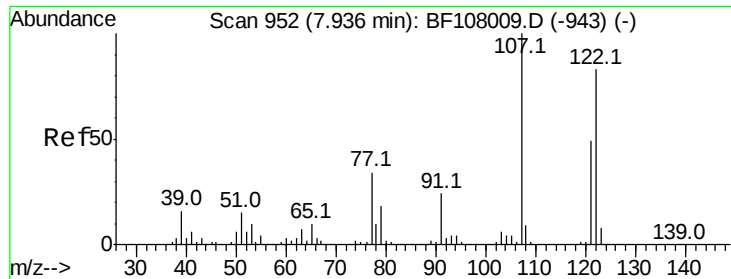
Delta R.T. 0.00 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Tgt Ion:	139	Resp:	115517
Ion Ratio	Lower	Upper	
139	100		
109	31.7	22.7	34.1
65	60.1	40.5	60.7



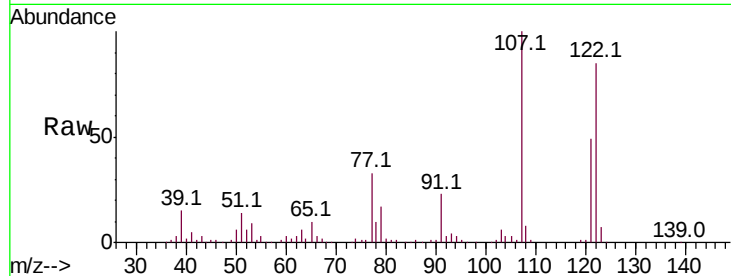


#27
 2,4-Dimethylphenol
 Concen: 36.427 ng
 RT: 7.94 min Scan# 953
 Delta R.T. 0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

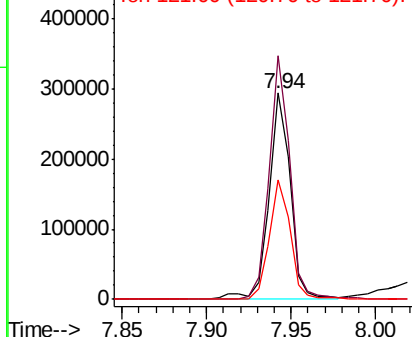
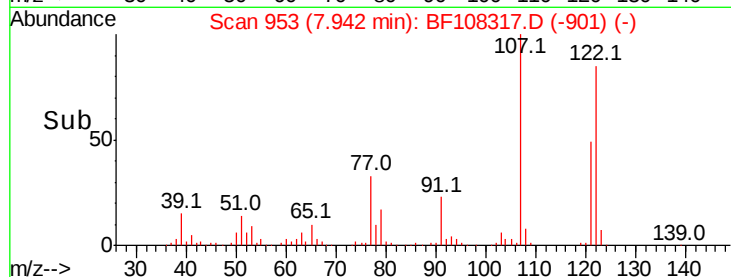
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	122	Resp:	255428
Ion Ratio	Lower	Upper	
122	100		
107	118.2	91.2	136.8
121	58.2	47.2	70.8

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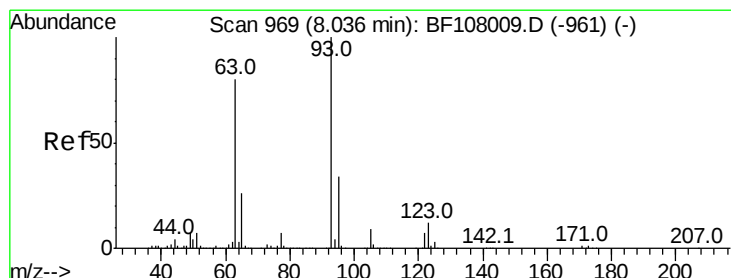


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E



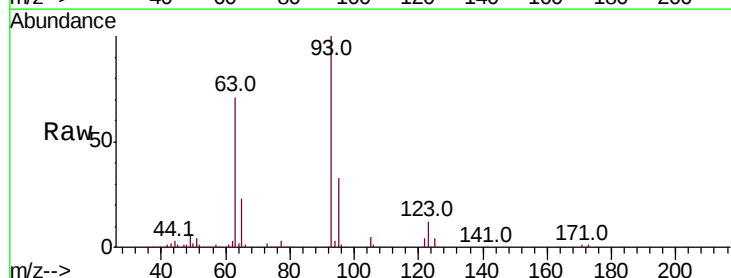
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8/21/2018 1:43:35 PM

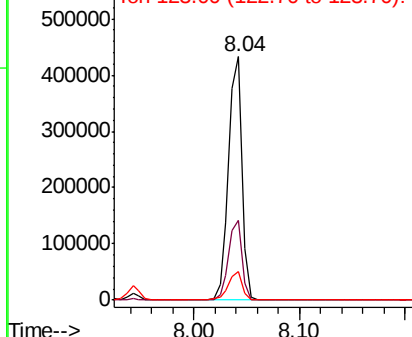
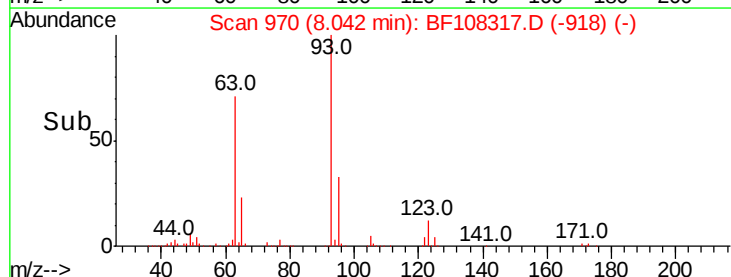


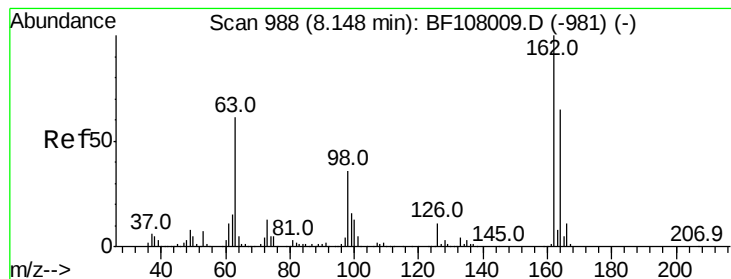
#28
 bis(2-Chloroethoxy)methane
 Concen: 41.480 ng
 RT: 8.04 min Scan# 970
 Delta R.T. 0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Tgt Ion:	93	Resp:	382574
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.3	39.5
123	11.8	9.8	14.6



Abundance Ion 93.00 (92.70 to 93.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 41.354 ng

RT: 8.15 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Instrument :

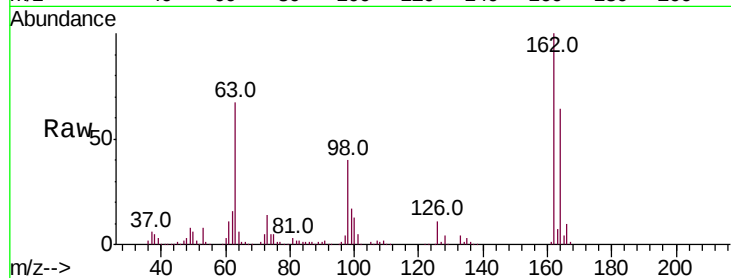
BNA_F

ClientSampleId :

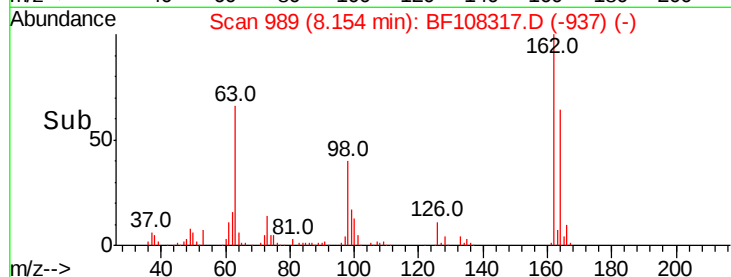
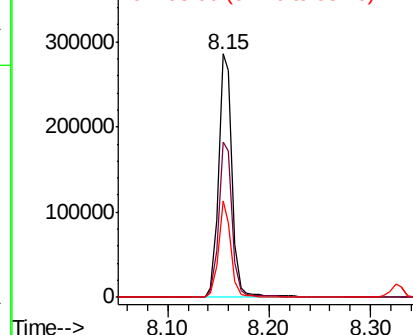
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	266855		
164	64.0		42.7	82.7
98	39.7		18.1	58.1

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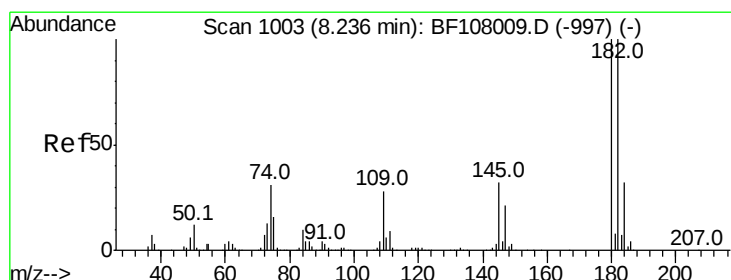


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



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8/21/2018 1:43:35 PM



#30

1,2,4-Trichlorobenzene

Concen: 43.367 ng

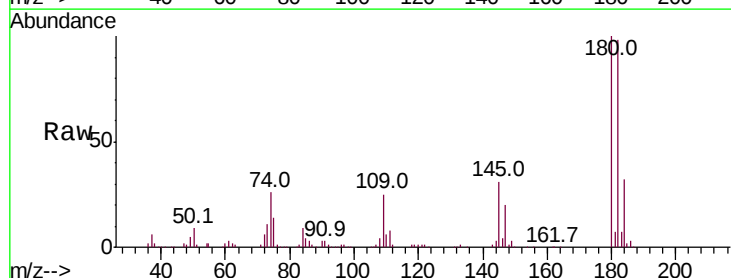
RT: 8.24 min Scan# 1004

Delta R.T. 0.01 min

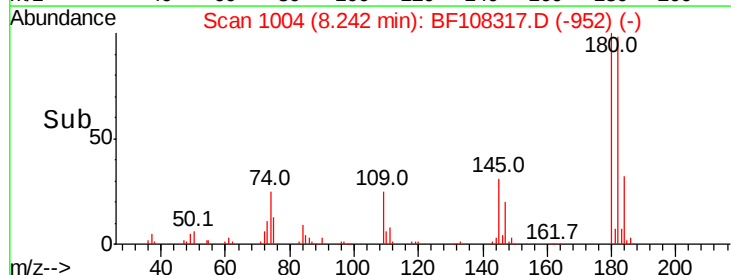
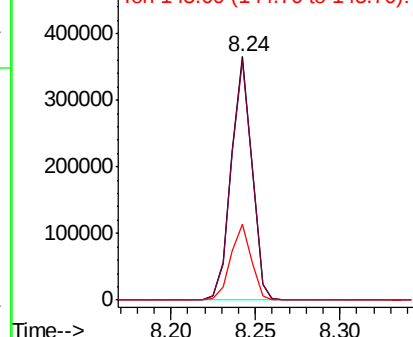
Lab File: BF108317.D

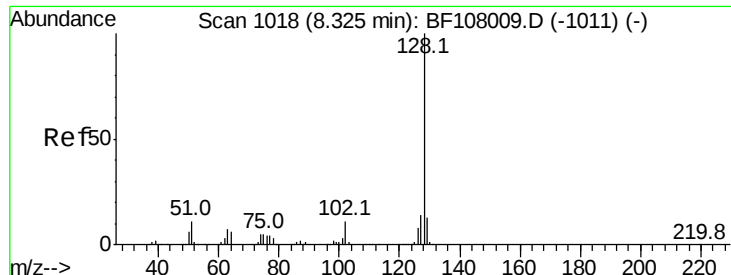
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	308541		
182	98.4		76.8	115.2
145	31.2		26.5	39.7



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



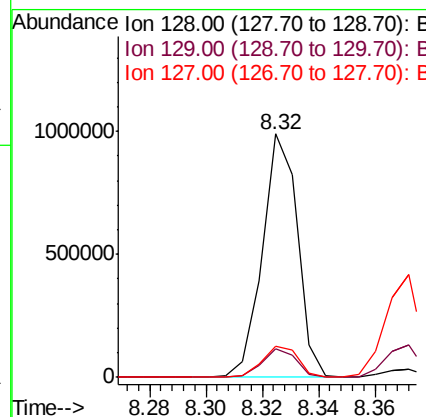
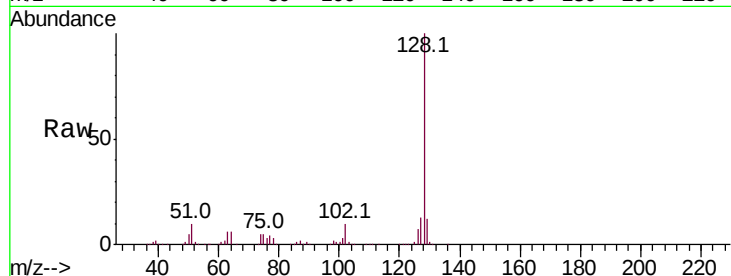


#31
Naphthalene
Concen: 40.624 ng
RT: 8.32 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

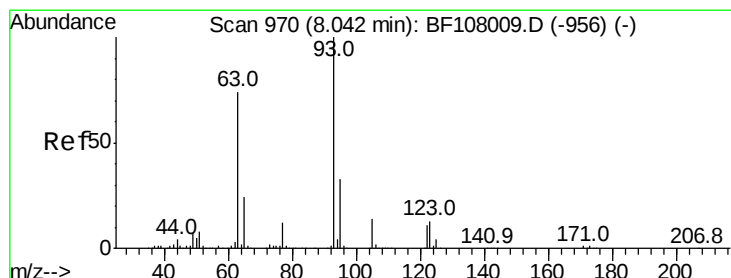
Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	11.5	8.8	13.2	
127	13.0	10.9	16.3	

Manual Integrations
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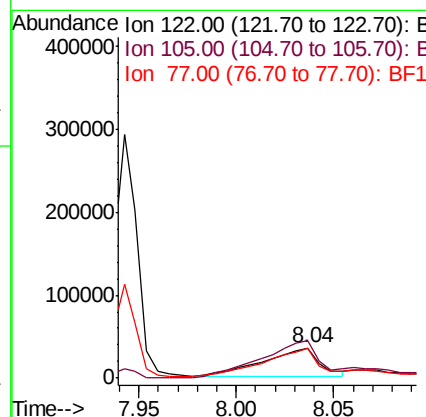
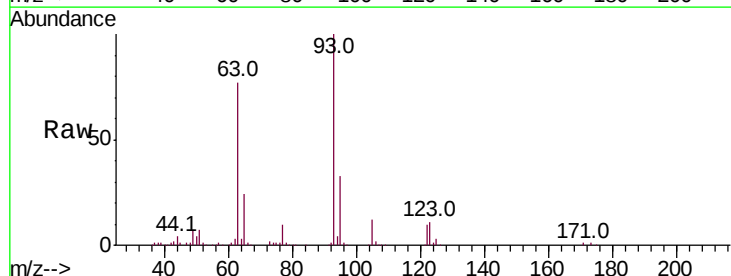
Sohil

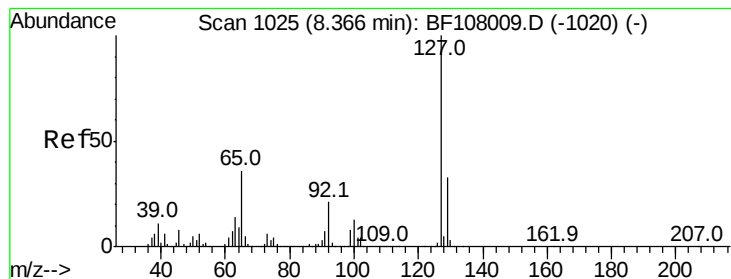
8/21/2018 1:43:35 PM



#32
Benzoic acid
Concen: 20.005 ng
RT: 8.04 min Scan# 969
Delta R.T. -0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	125.2	101.1	141.1	
77	98.4	70.7	110.7	



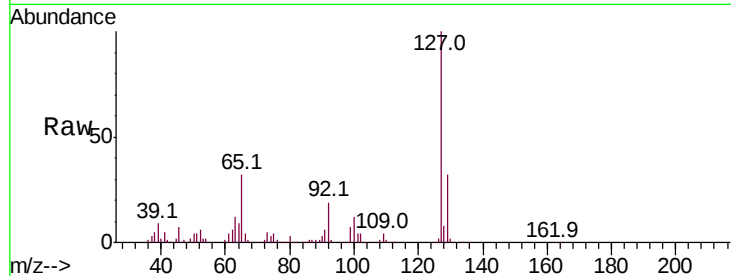


#33
4-Chloroaniline
Concen: 39.622 ng
RT: 8.37 min Scan# 1026
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	25.9	38.9	
65	31.9	25.0	37.4	
92	19.1	15.2	22.8	

Manual Integrations
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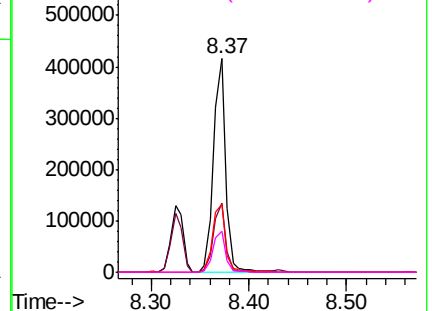
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

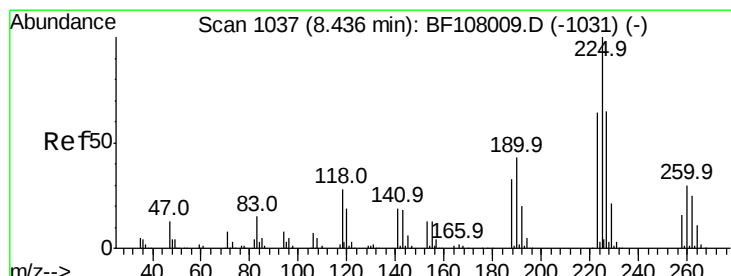
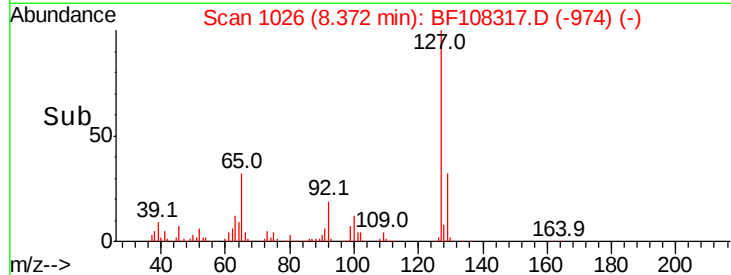
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



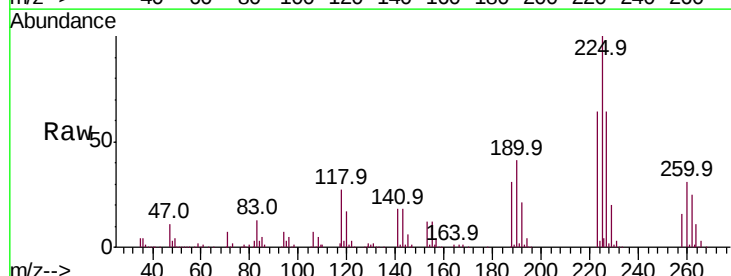
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8/21/2018 1:43:35 PM



#34
Hexachlorobutadiene
Concen: 45.711 ng
RT: 8.44 min Scan# 1037
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.6	50.6	76.0	
227	64.4	51.9	77.9	

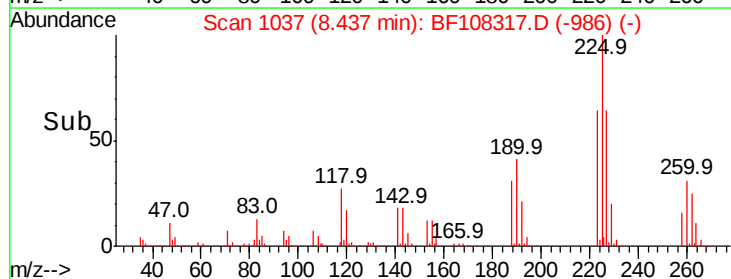
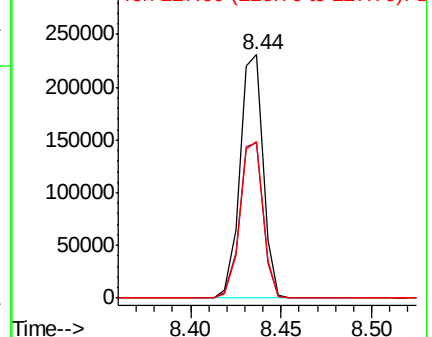


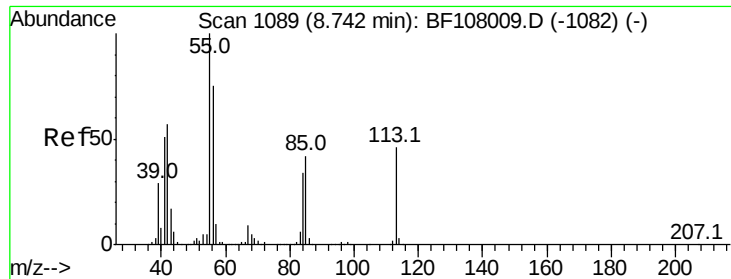
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



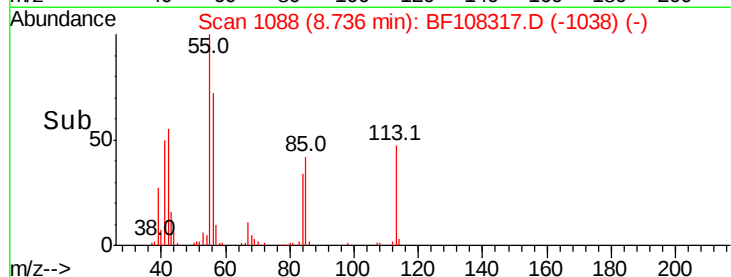
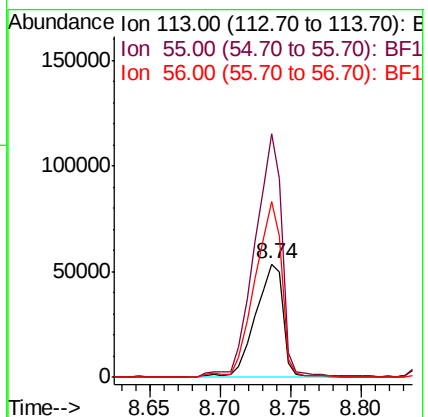
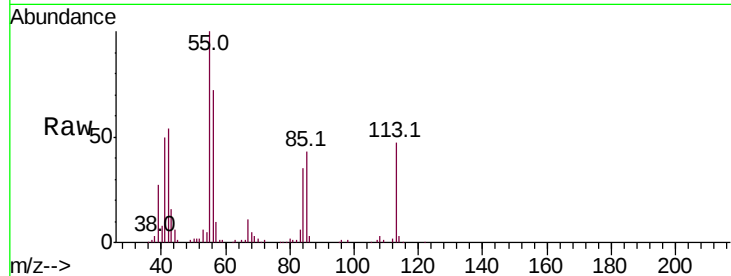


#35
Caprolactam
Concen: 36.624 ng
RT: 8.74 min Scan# 1088
Delta R.T. -0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

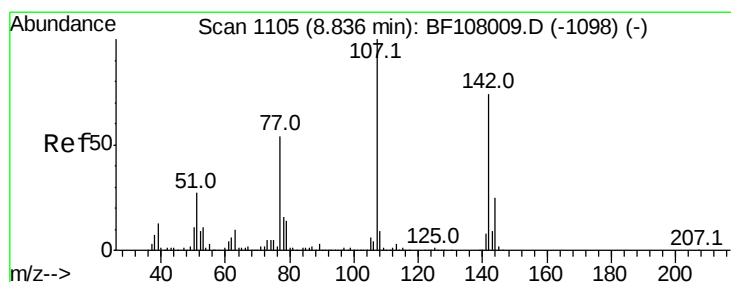
Tot Ion	Ratio	Lower	Upper
113	100		
55	214.7	163.3	203.3#
56	154.8	115.7	155.7

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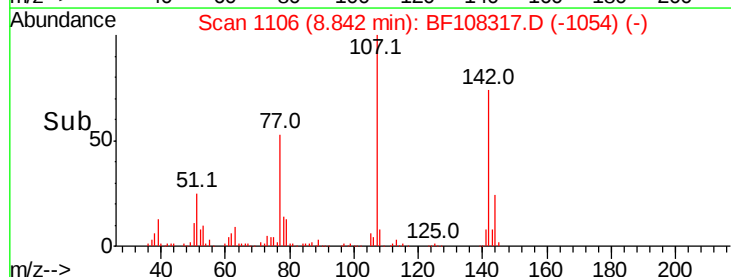
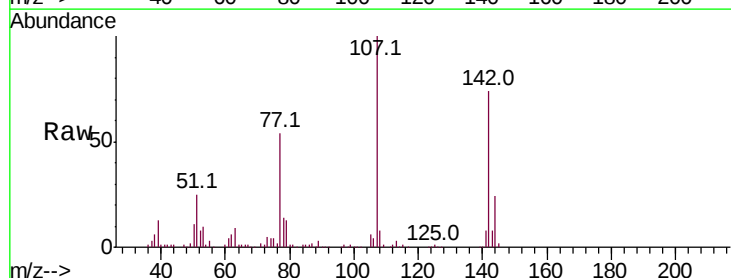
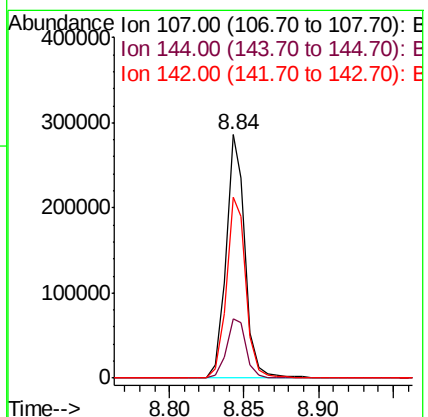
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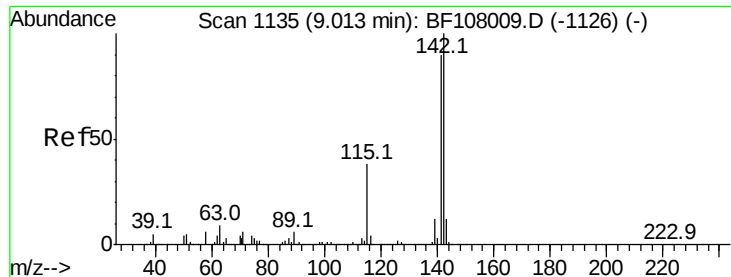
8/21/2018 1:43:35 PM



#36
4-Chloro-3-methylphenol
Concen: 37.085 ng
RT: 8.84 min Scan# 1106
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.4	20.5	30.7
142	74.1	62.0	93.0



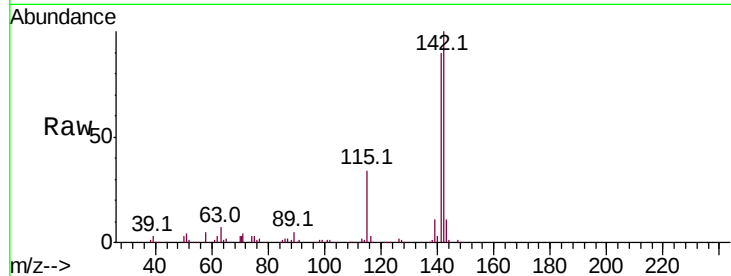


#37
2-Methylnaphthalene
Concen: 35.351 ng
RT: 9.02 min Scan# 1136
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2
115	34.2	26.1	39.1

Manual Integrations
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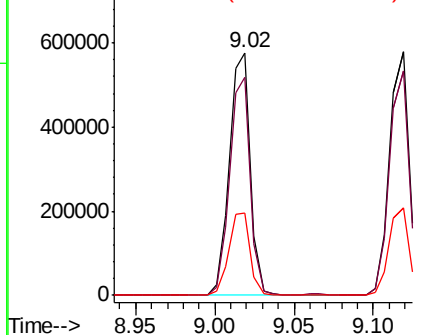


Abundance

Ion 142.00 (141.70 to 142.70): E

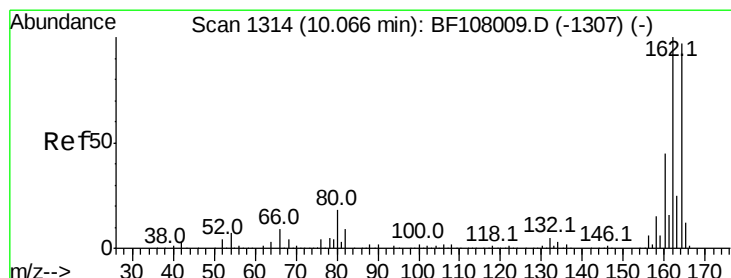
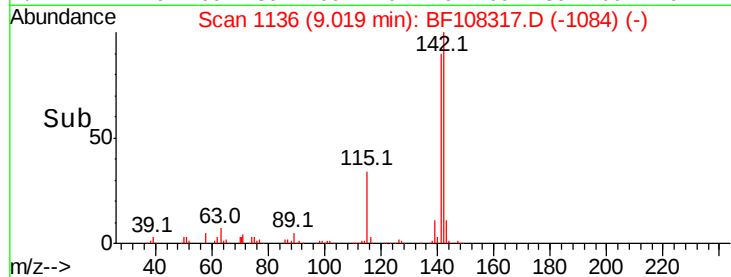
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



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8/21/2018 1:43:35 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.07 min Scan# 1314
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

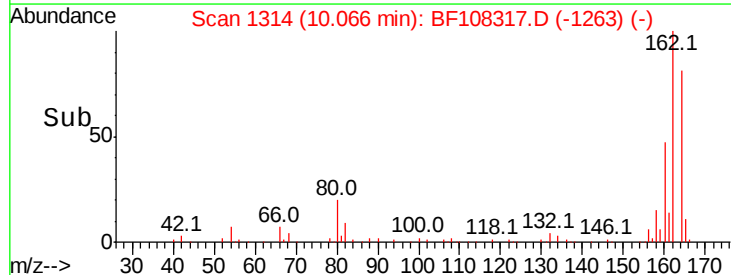
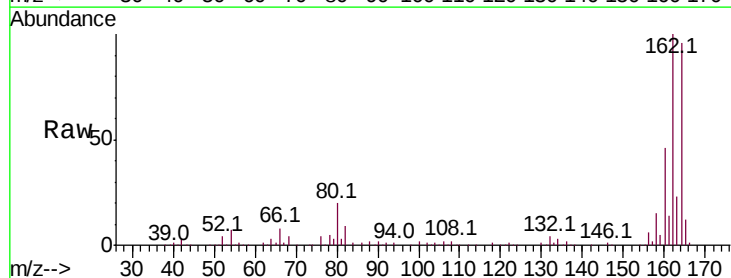
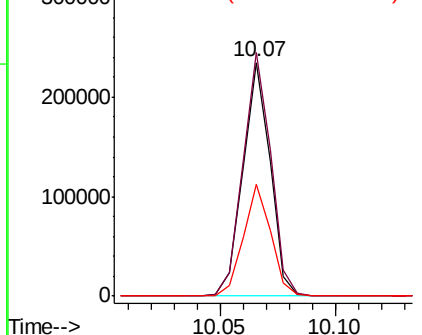
Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.1	86.1	129.1
160	48.0	38.3	57.5

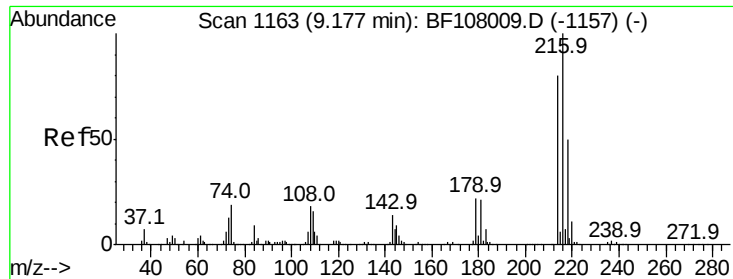
Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



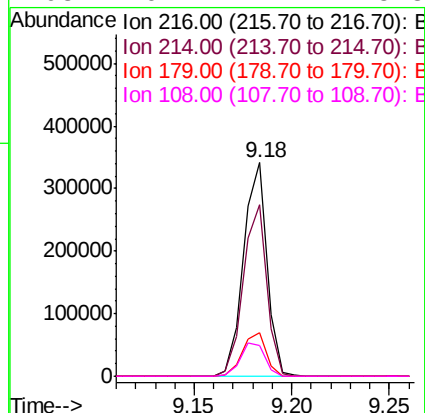
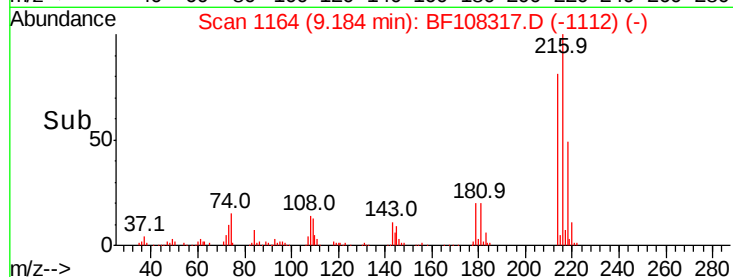
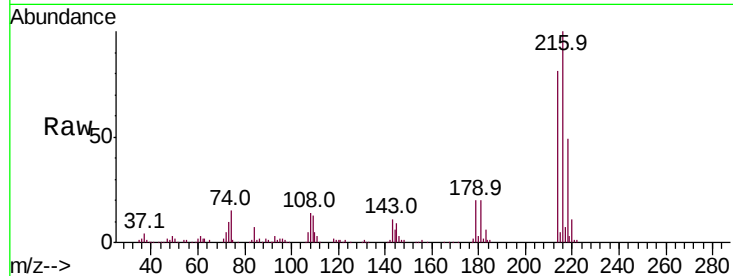


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 47.849 ng
 RT: 9.18 min Scan# 1164
 Delta R.T. 0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

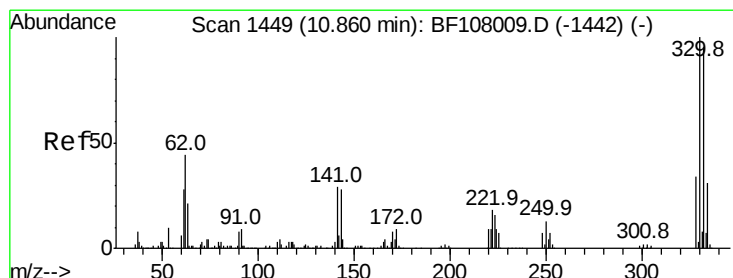
Tot Ion	Ratio	Resp Lower	Upper
216	100		
214	80.6	63.0	94.4
179	20.5	18.1	27.1
108	16.4	17.2	25.8#

Manual Integrations
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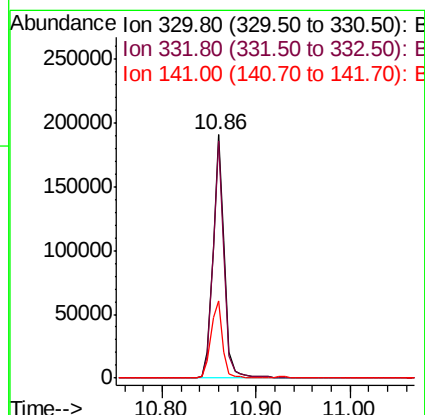
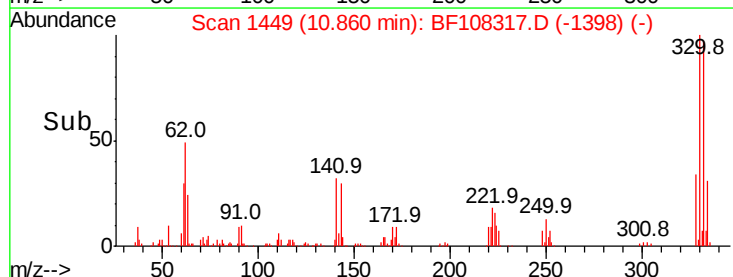
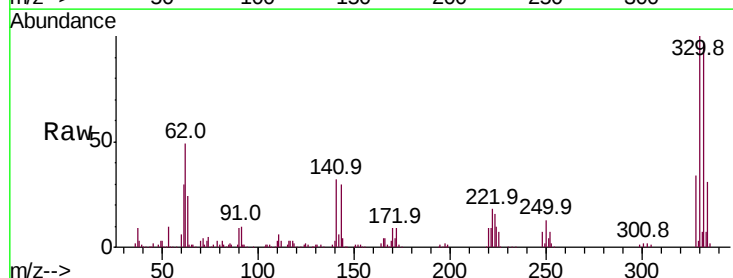
Sohil

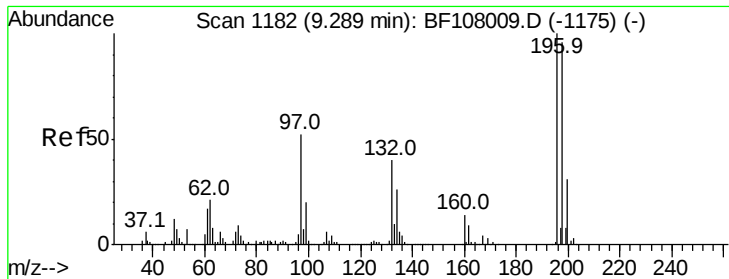
8/21/2018 1:43:35 PM



#41
 2,4,6-Tribromophenol
 Concen: 84.543 ng
 RT: 10.86 min Scan# 1449
 Delta R.T. 0.00 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	77.0	115.6
141	32.4	29.9	44.9



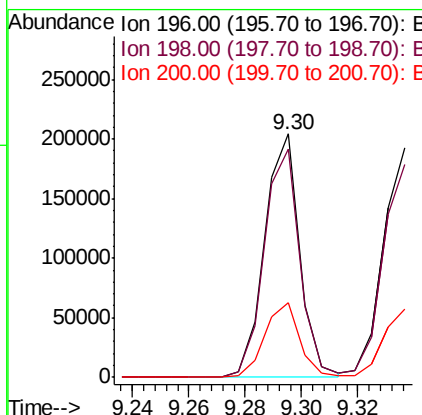
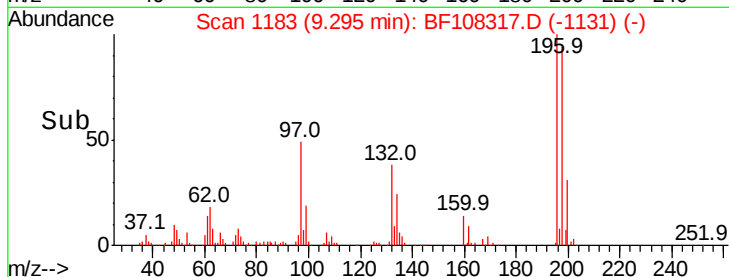
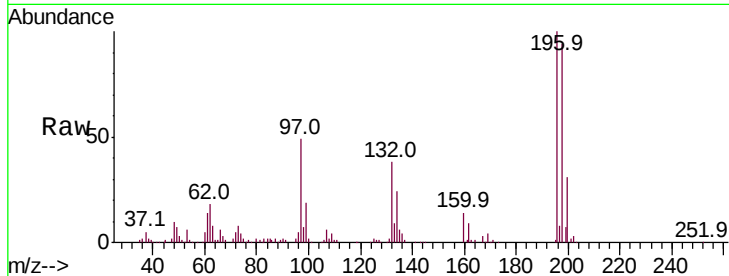


#42
 2,4,6-Trichlorophenol
 Concen: 47.413 ng
 RT: 9.30 min Scan# 1183
 Delta R.T. 0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

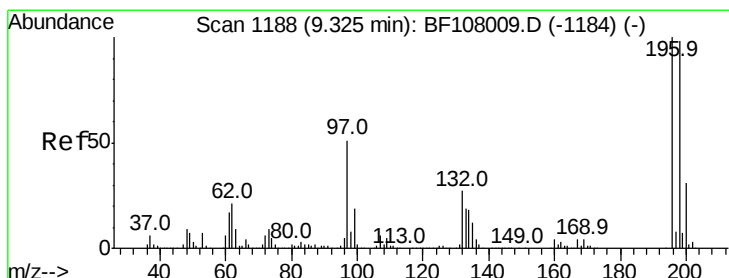
Tot Ion:	196	Resp:	175316
Ion Ratio	Lower	Upper	
196	100		
198	93.9	75.7	113.5
200	30.7	24.5	36.7

Manual Integrations
 APPROVED



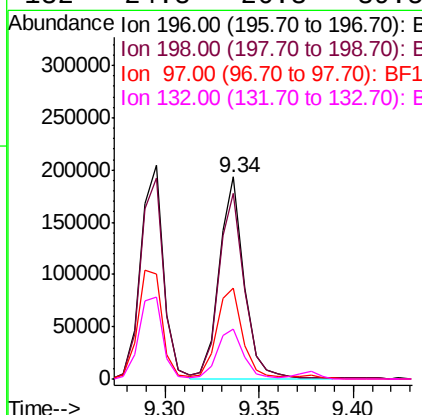
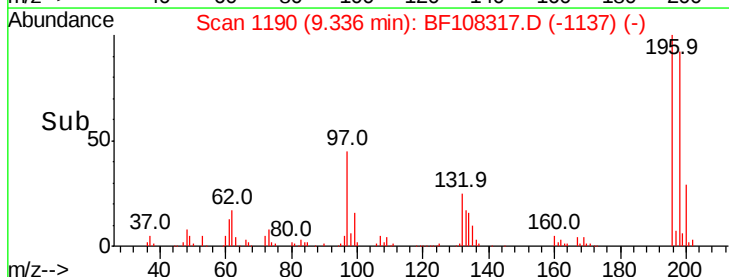
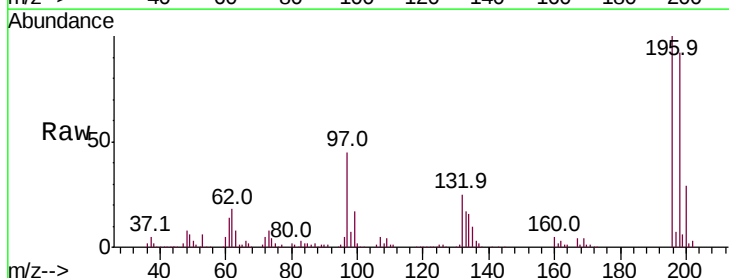
Sohil

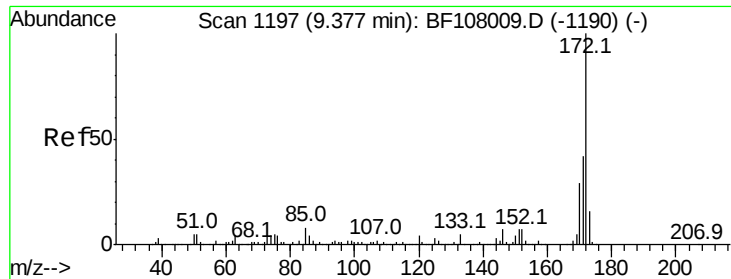
8/21/2018 1:43:35 PM



#43
 2,4,5-Trichlorophenol
 Concen: 44.111 ng m
 RT: 9.34 min Scan# 1190
 Delta R.T. 0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Tgt Ion:	196	Resp:	179552
Ion Ratio	Lower	Upper	
196	100		
198	92.3	74.6	112.0
97	45.3	42.9	64.3
132	24.8	26.3	39.5#



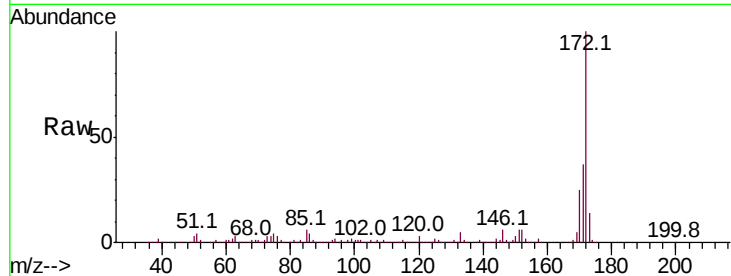


#44
 2-Fluorobiphenyl
 Concen: 104.097 ng
 RT: 9.38 min Scan# 1197
 Delta R.T. 0.00 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

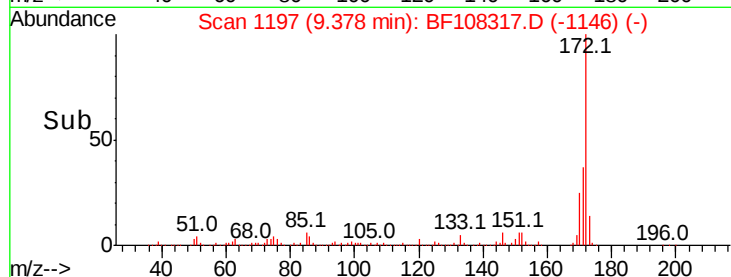
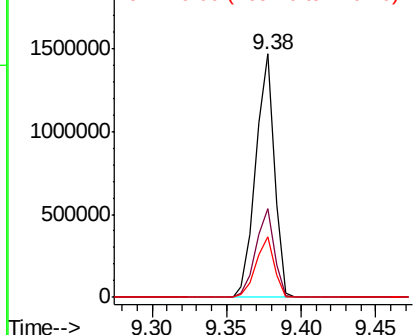
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.8	19.6	29.4

Manual Integrations
 APPROVED

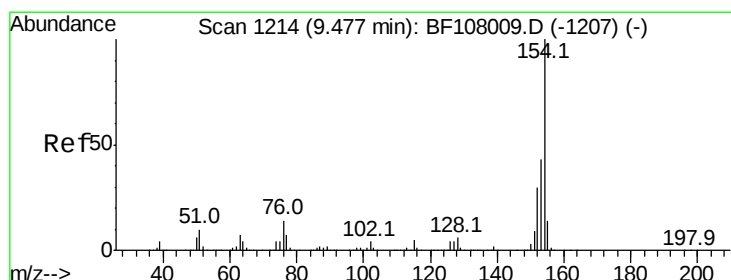


Abundance Ion 172.00 (171.70 to 172.70): E
 2000000 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



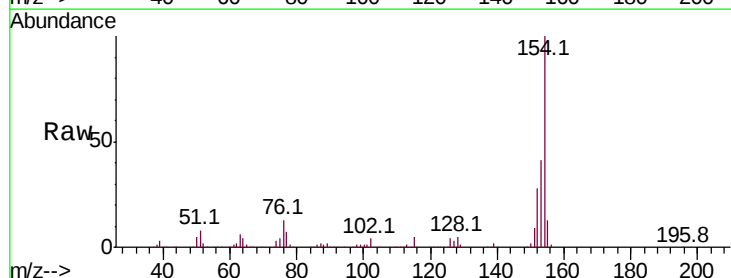
Sohil

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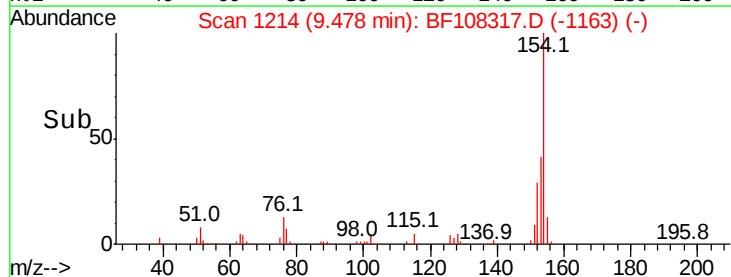
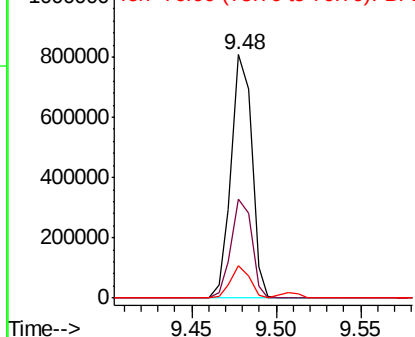


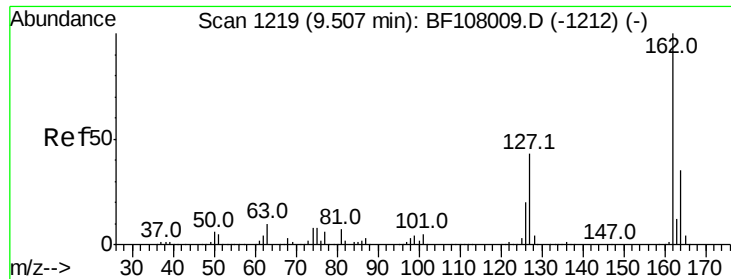
#45
 1,1'-Biphenyl
 Concen: 48.309 ng
 RT: 9.48 min Scan# 1214
 Delta R.T. 0.00 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.3	61.3
76	13.2	0.0	34.0



Abundance Ion 154.00 (153.70 to 154.70): E
 1000000 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1



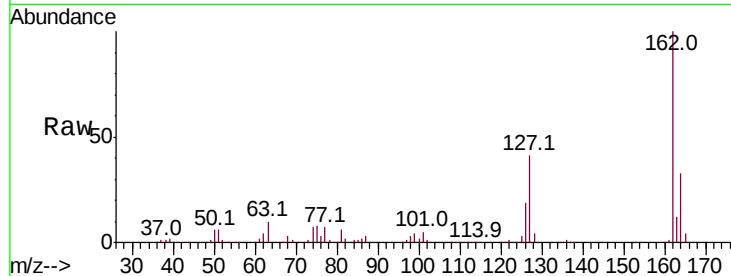


#46
2-Chloronaphthalene
Concen: 46.694 ng
RT: 9.51 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

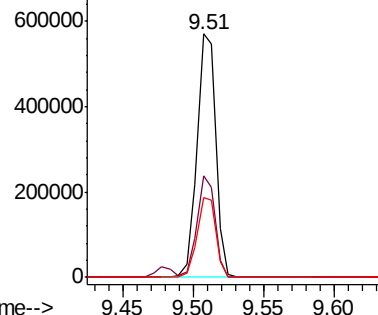
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	41.5	33.9	50.9	
164	32.9	26.5	39.7	

Manual Integrations
APPROVED

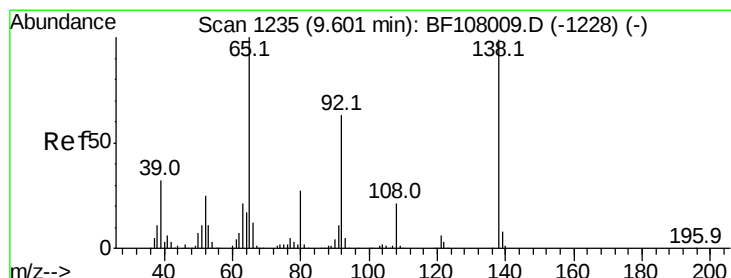
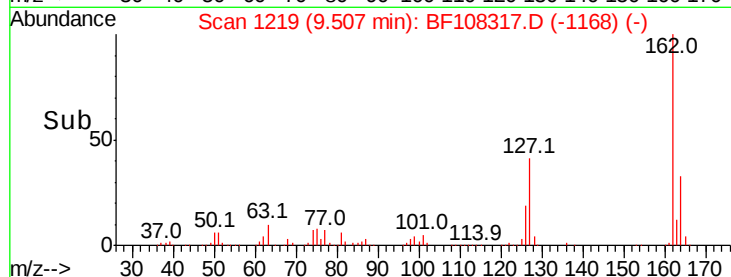


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



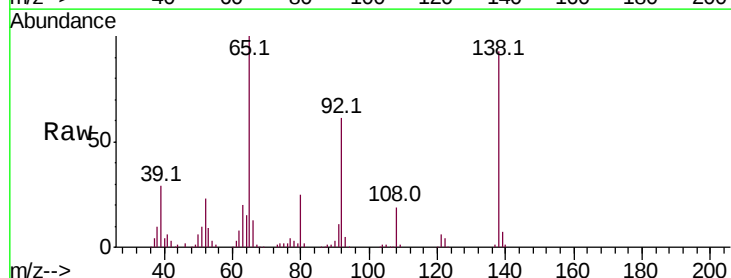
Sohil

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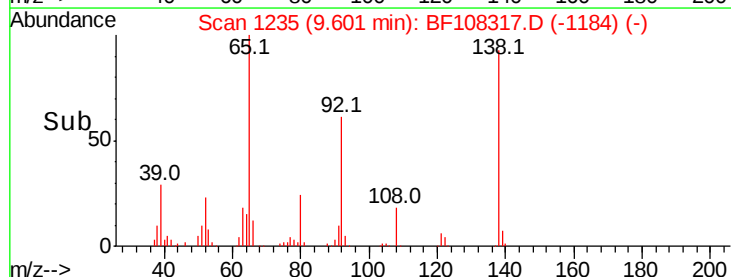
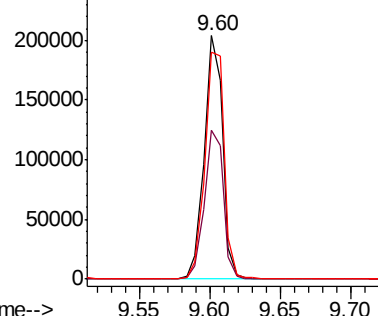


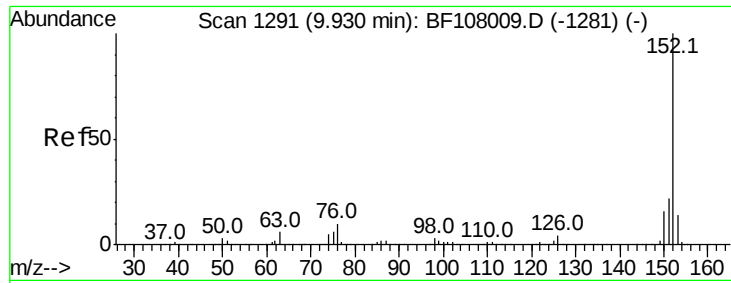
#47
2-Nitroaniline
Concen: 50.383 ng
RT: 9.60 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	60.9	55.8	83.6	
138	93.1	91.2	136.8	



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): E



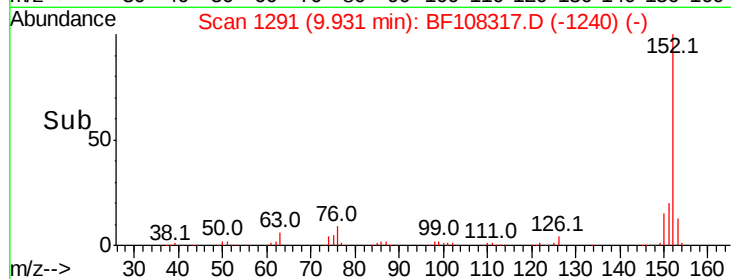
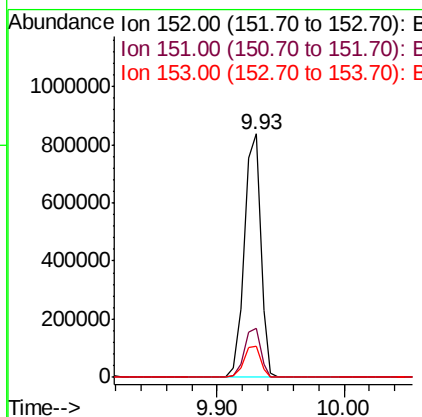
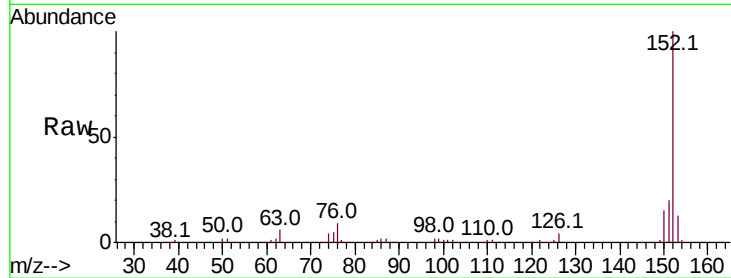


#48
Acenaphthylene
Concen: 41.841 ng
RT: 9.93 min Scan# 1291
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

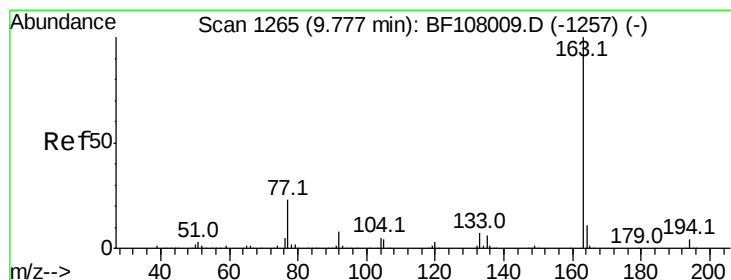
Tot Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.3	24.5
153	13.0	10.7	16.1

Manual Integrations
APPROVED



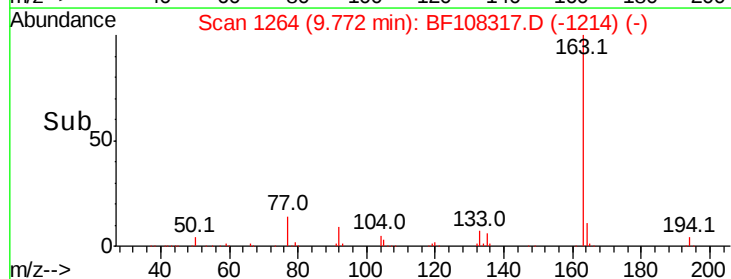
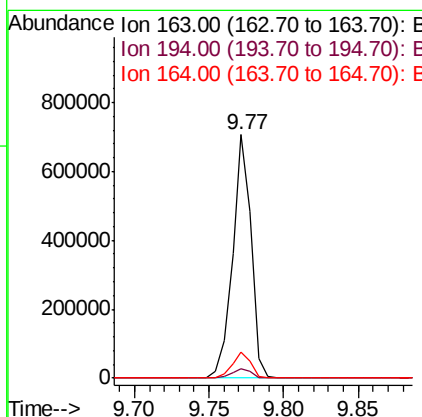
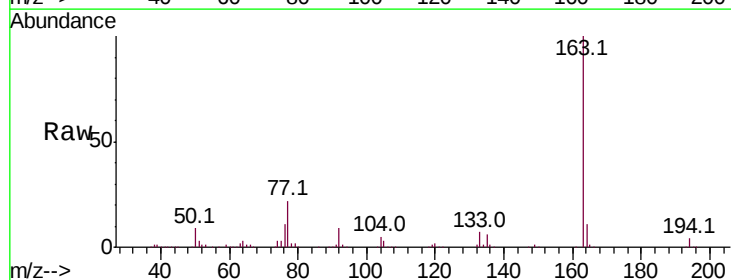
Sohil

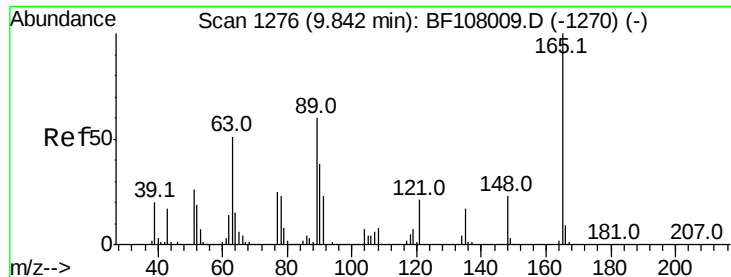
8/21/2018 1:43:35 PM



#49
Dimethylphthalate
Concen: 45.705 ng
RT: 9.77 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	2.7	4.1
164	10.5	8.2	12.2



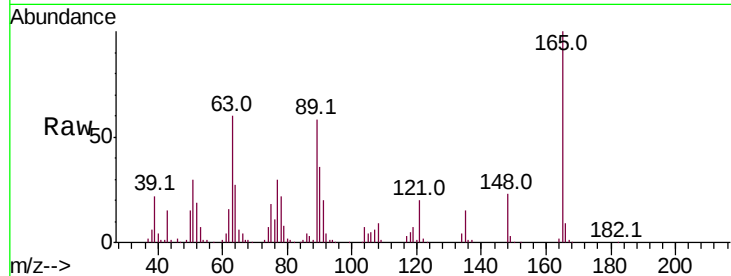


#50
 2,6-Dinitrotoluene
 Concen: 38.476 ng
 RT: 9.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

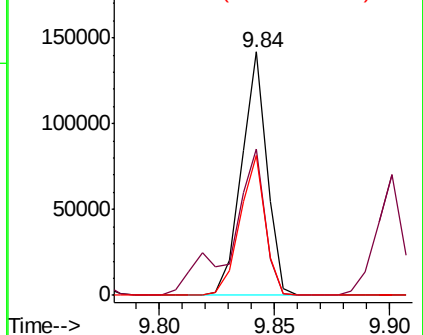
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	60.2		44.7	67.1
89	57.6		44.0	66.0

Manual Integrations
 APPROVED

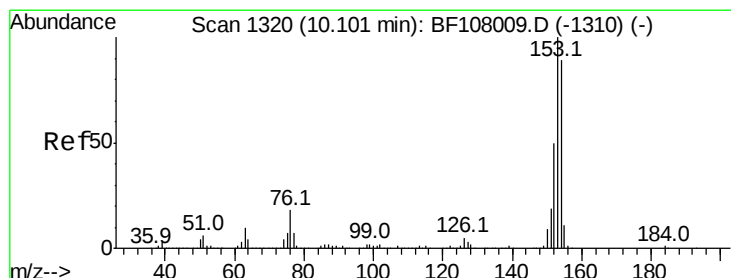
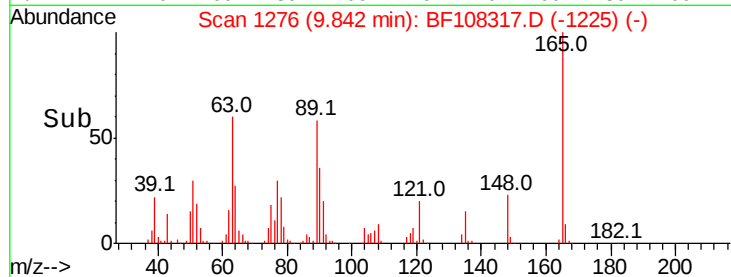


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1



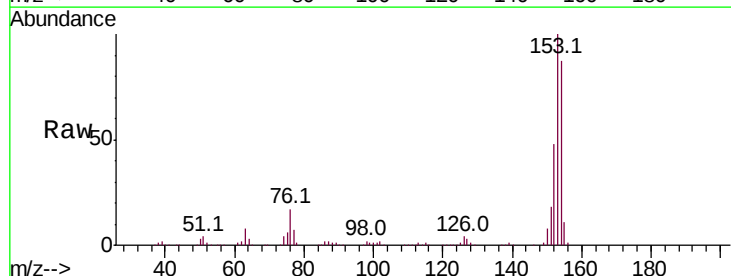
Sohil

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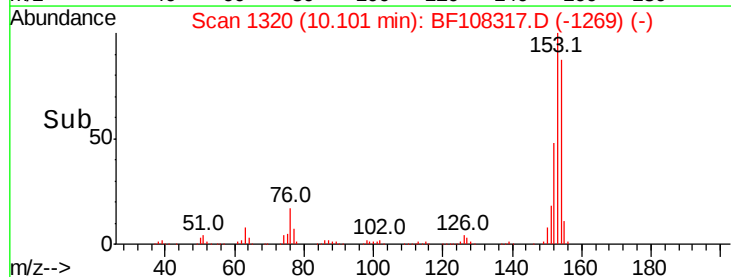
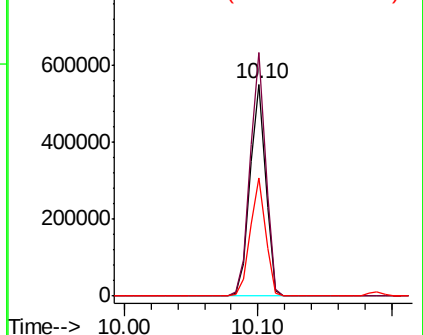


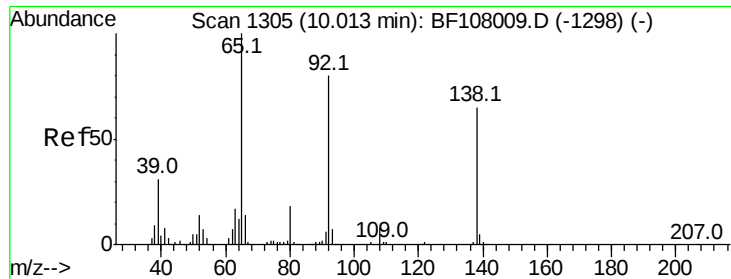
#51
 Acenaphthene
 Concen: 40.231 ng
 RT: 10.10 min Scan# 1320
 Delta R.T. 0.00 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	114.7		91.2	136.8
152	55.6		43.8	65.8



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



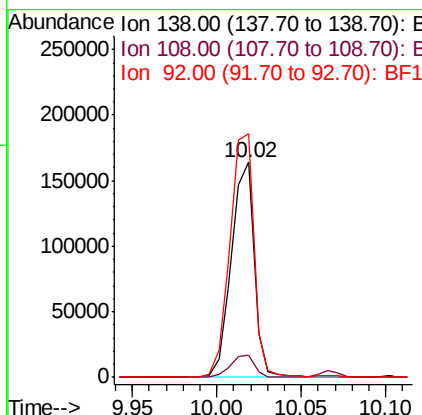
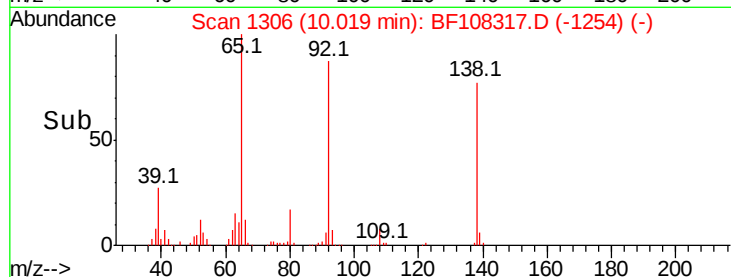
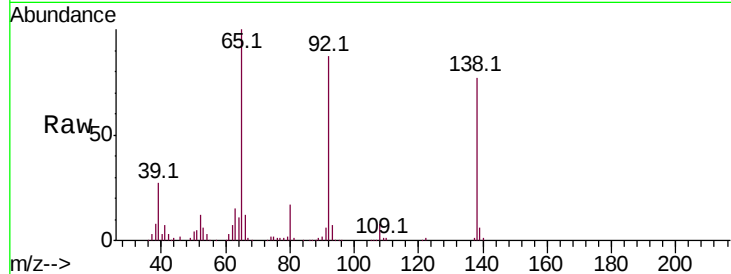


#52
3-Nitroaniline
Concen: 49.906 ng
RT: 10.02 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

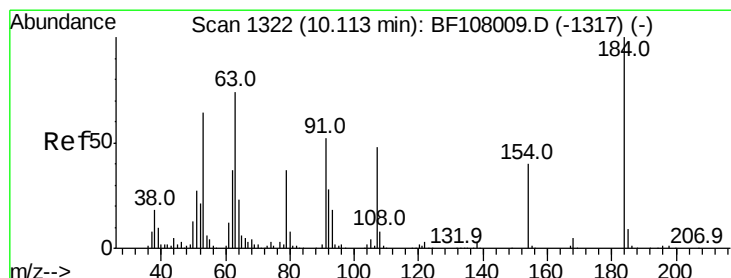
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.2	9.4	14.0
92	113.2	89.4	134.2

Manual Integrations
APPROVED



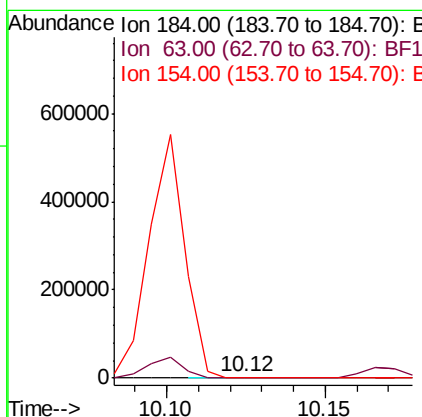
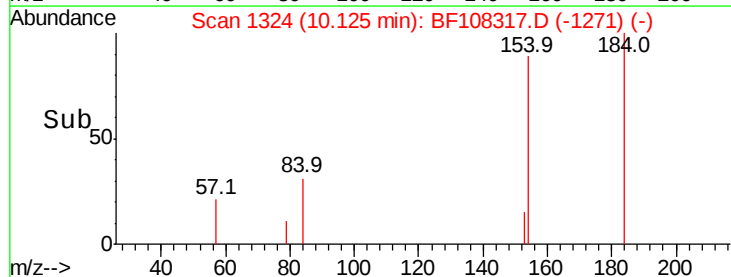
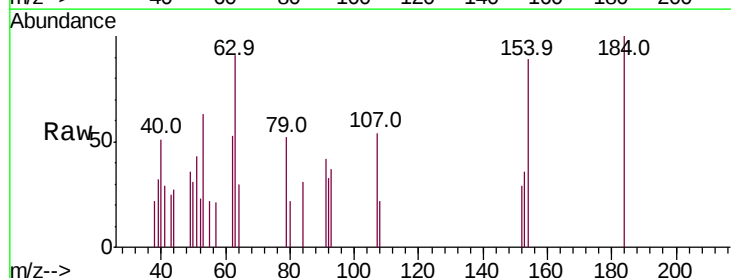
Sohil

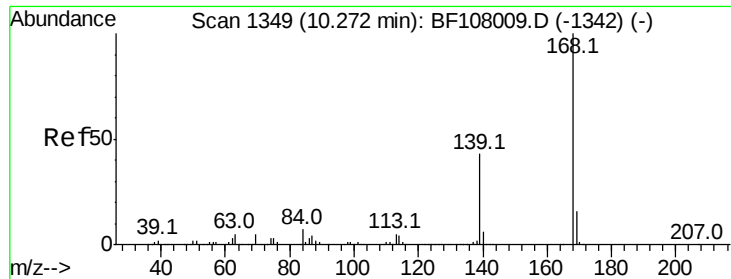
8/21/2018 1:43:35 PM



#53
2,4-Dinitrophenol
Concen: 8.227 ng
RT: 10.12 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	90.6	54.2	81.2#
154	88.9	184.0	276.0#



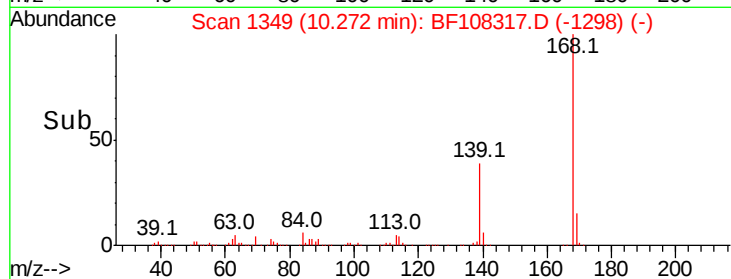
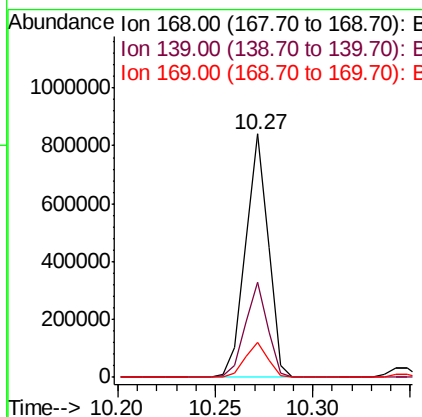
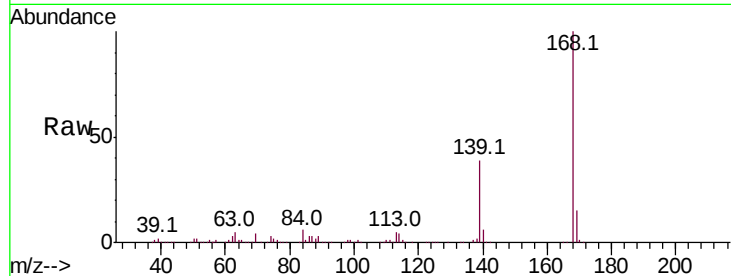


#54
Dibenzenofuran
Concen: 42.880 ng
RT: 10.27 min Scan# 1349
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

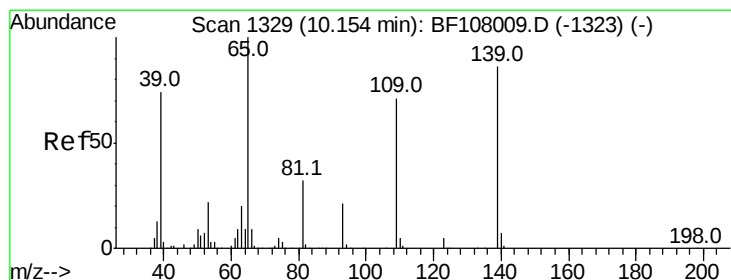
Tot Ion	Ratio	Resp	Lower	Upper
168	100	680184		
139	39.2		30.1	45.1
169	14.6		10.9	16.3

Manual Integrations
APPROVED



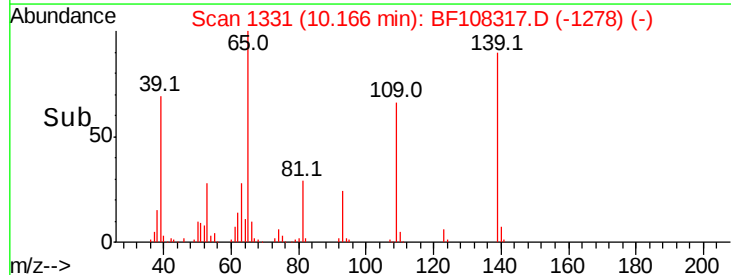
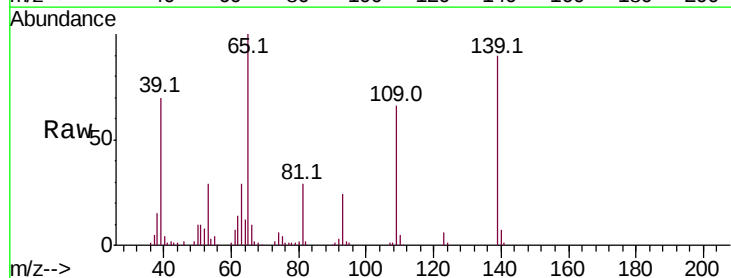
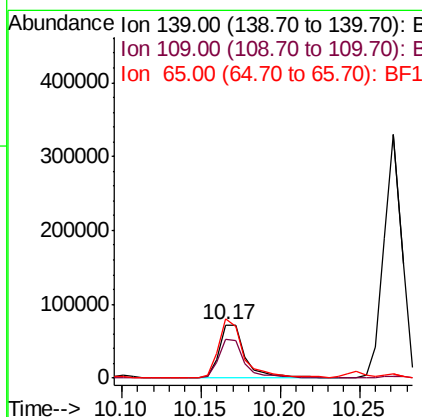
Sohil

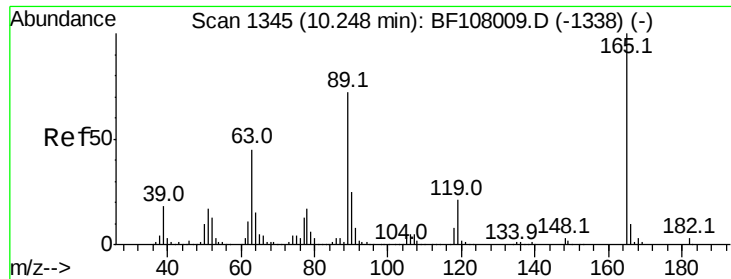
8/21/2018 1:43:35 PM



#55
4-Nitrophenol
Concen: 35.423 ng
RT: 10.17 min Scan# 1331
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	82994		
109	73.7		48.4	88.4
65	111.7		72.6	112.6



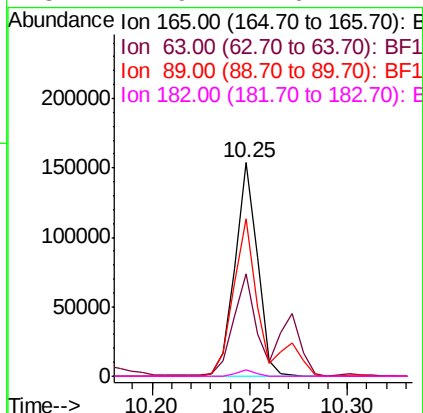
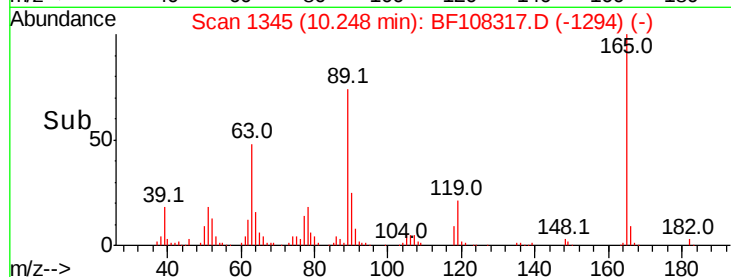
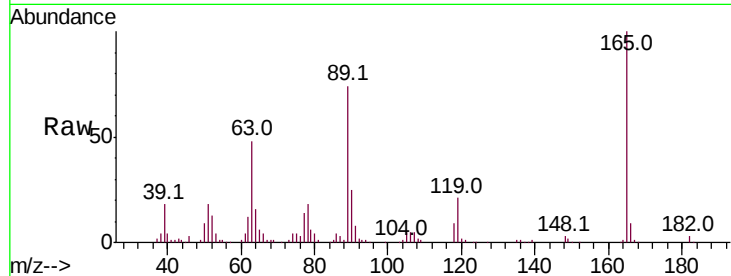


#56
2,4-Dinitrotoluene
Concen: 33.922 ng
RT: 10.25 min Scan# 1345
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

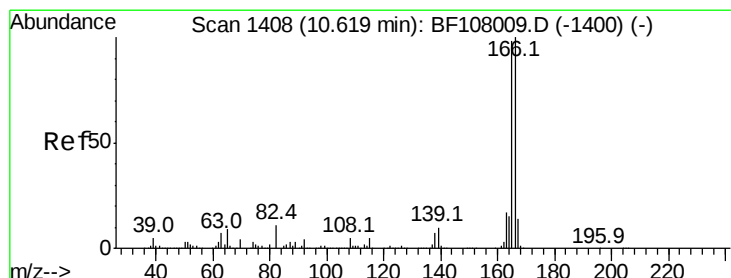
Tot Ion	Ratio	Lower	Upper
165	100		
63	48.0	36.4	54.6
89	73.9	57.8	86.6
182	2.9	1.6	2.4

Manual Integrations
APPROVED



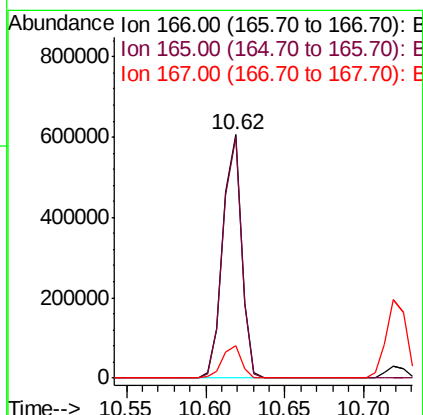
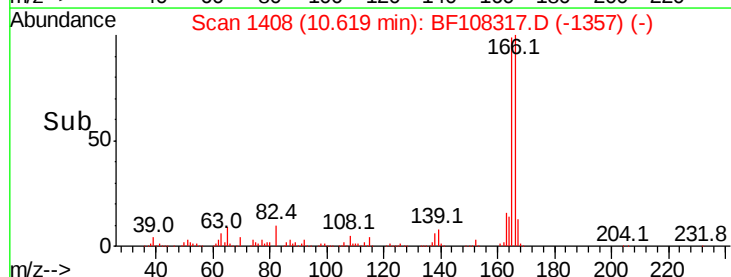
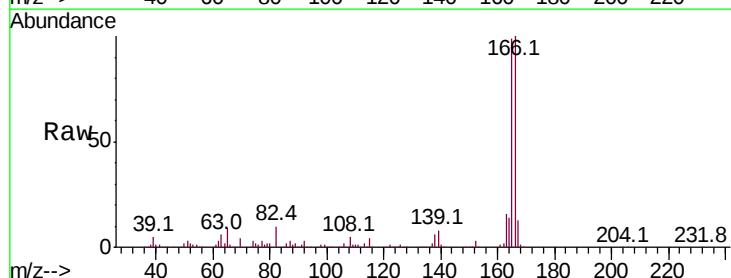
Sohil

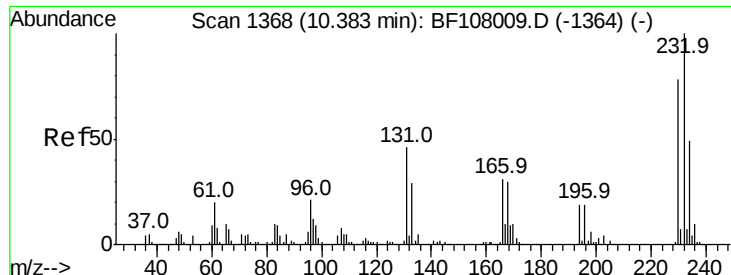
8/21/2018 1:43:35 PM



#57
Fluorene
Concen: 39.661 ng
RT: 10.62 min Scan# 1408
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.8	119.8
167	13.3	10.6	16.0



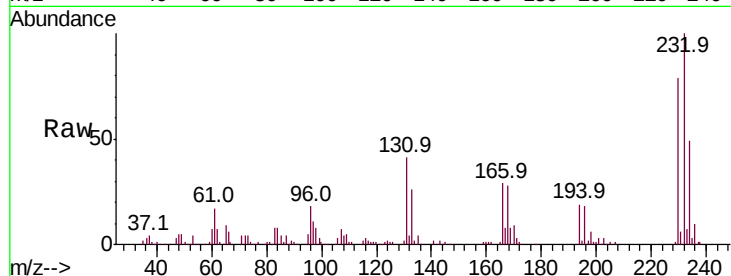


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 39.544 ng
 RT: 10.39 min Scan# 1369
 Delta R.T. 0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

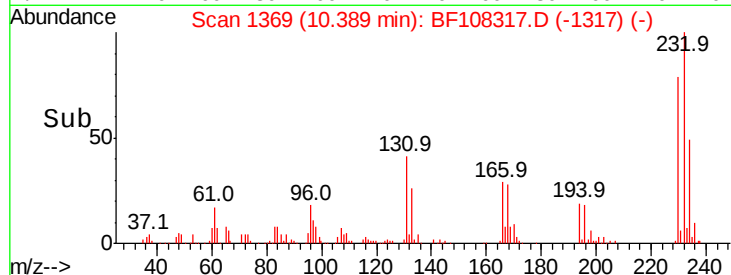
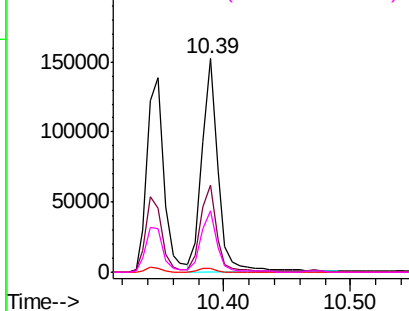
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	42.9	43.8	65.8#	
130	2.0	2.1	3.1#	
166	28.3	27.8	41.6	

Manual Integrations
 APPROVED

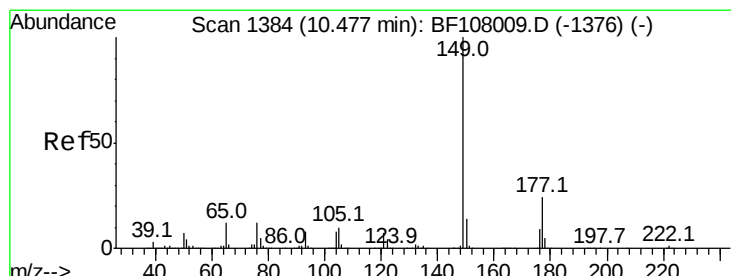


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E



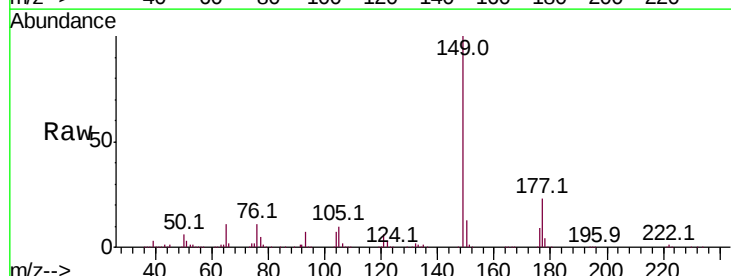
Sohil

8/21/2018 1:43:35 PM

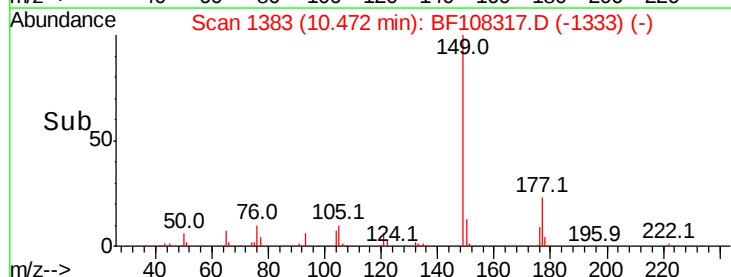
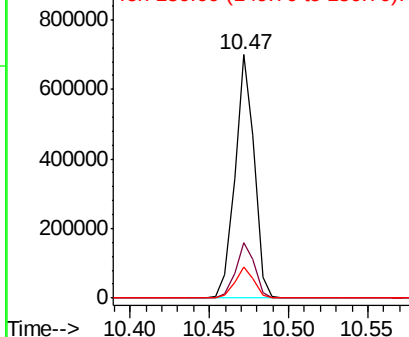


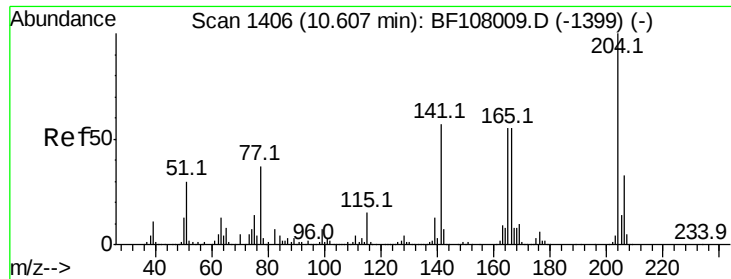
#59
 Diethylphthalate
 Concen: 44.446 ng
 RT: 10.47 min Scan# 1383
 Delta R.T. -0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	22.7	16.1	24.1	
150	12.7	10.1	15.1	



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



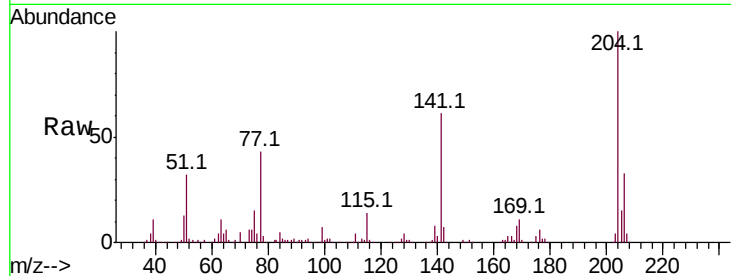


#60
4-Chlorophenyl-phenylether
Concen: 44.514 ng
RT: 10.60 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.5	39.7
141	60.5	54.6	81.8

Manual Integrations
APPROVED

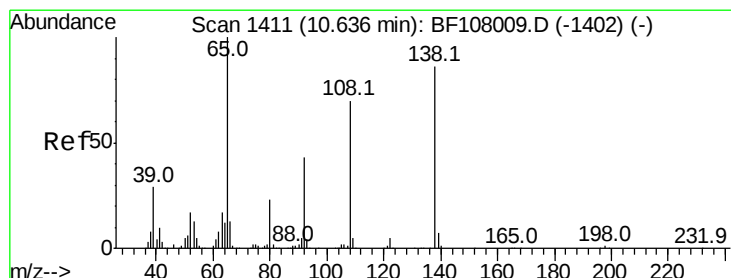
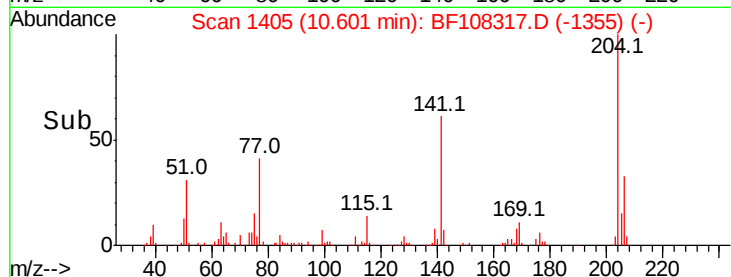
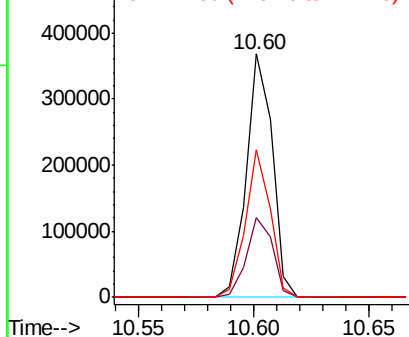


Abundance

Ion 204.00 (203.70 to 204.70): E

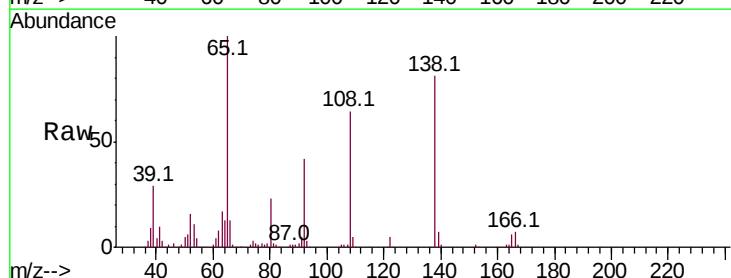
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
4-Nitroaniline
Concen: 50.437 ng
RT: 10.63 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.0	30.2	70.2
108	78.2	52.5	92.5

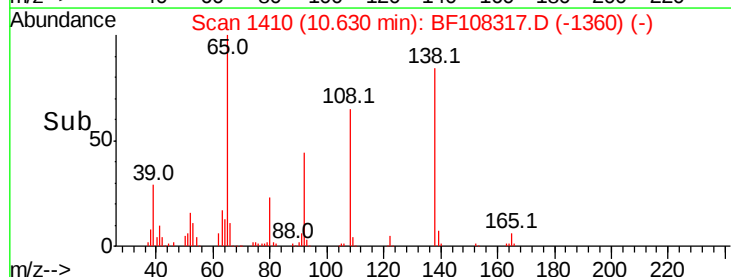
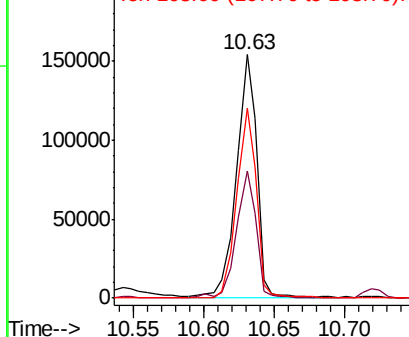


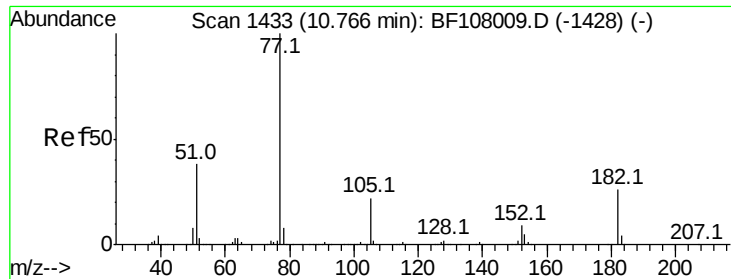
Abundance

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



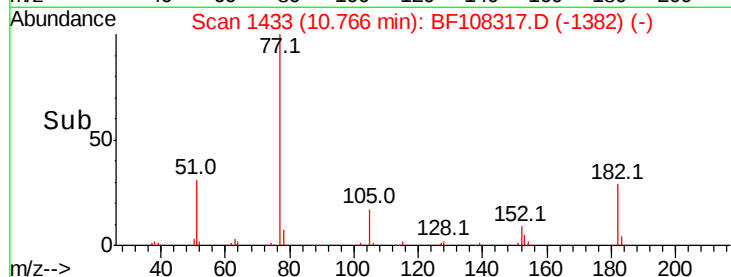
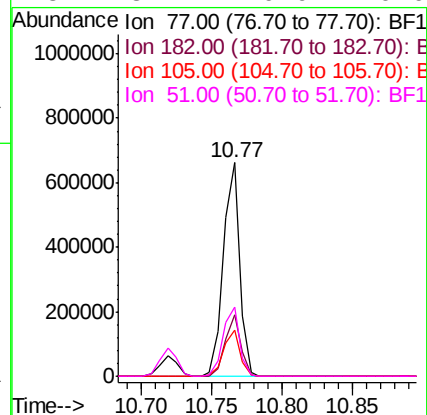
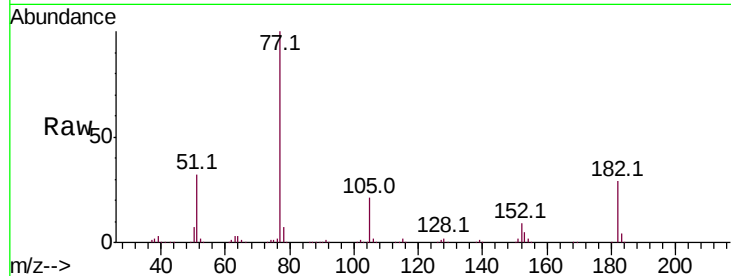


#62
Azobenzene
Concen: 39.461 ng
RT: 10.77 min Scan# 1433
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

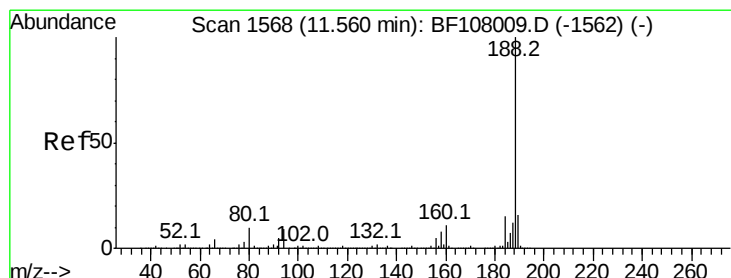
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.7	1.7	41.7
105	21.5	3.0	43.0
51	32.2	9.9	49.9

Manual Integrations
APPROVED



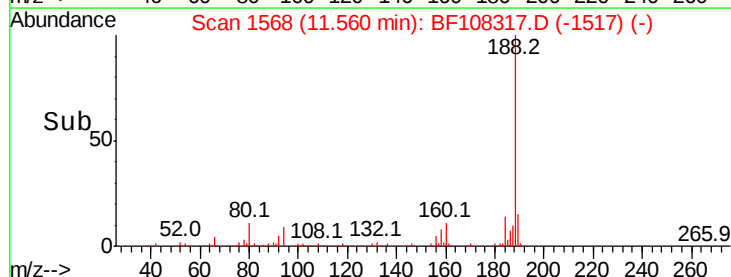
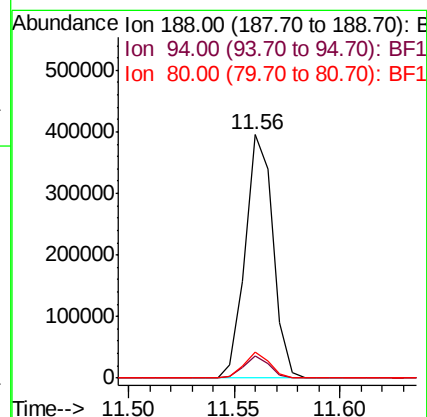
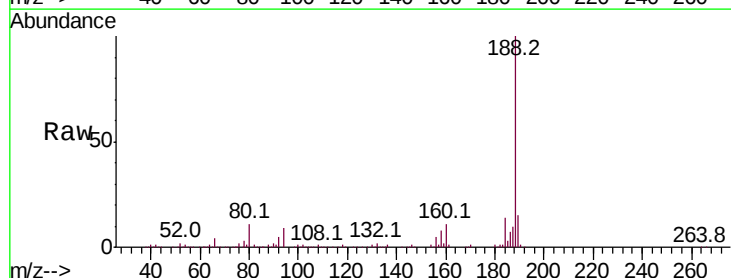
Sohil

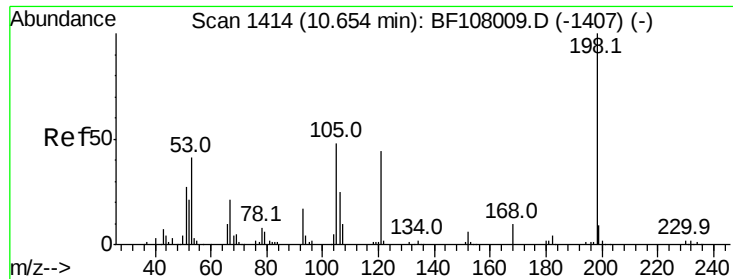
8/21/2018 1:43:35 PM



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.56 min Scan# 1568
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.5	12.7
80	10.5	9.2	13.8



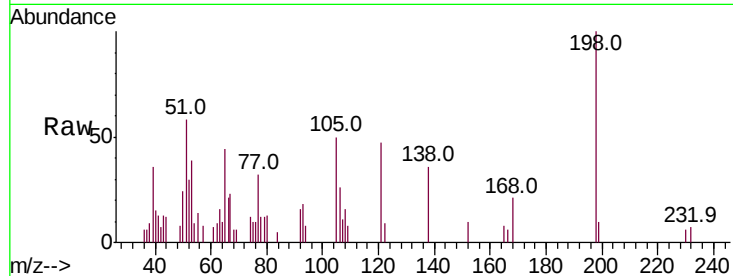


#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.271 ng
 RT: 10.66 min Scan# 1415
 Delta R.T. 0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

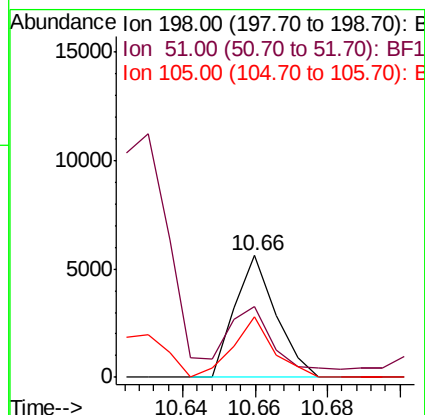
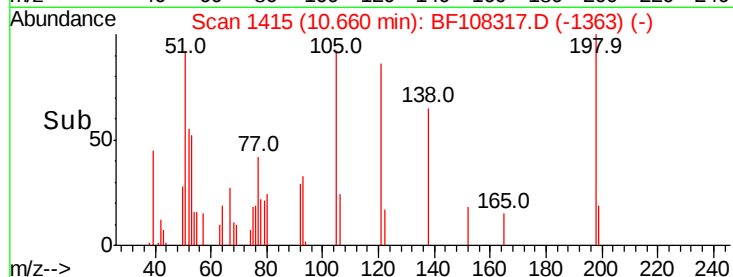
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	58.0	37.7	77.7
105	50.3	36.3	76.3

Manual Integrations
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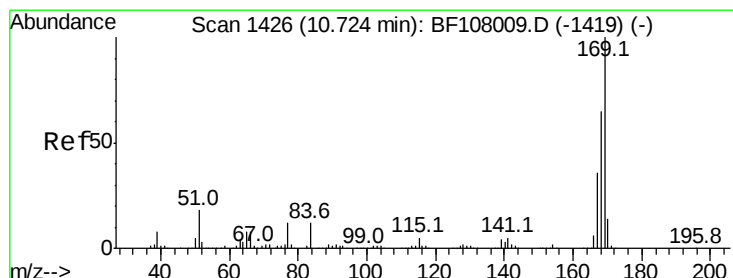


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E



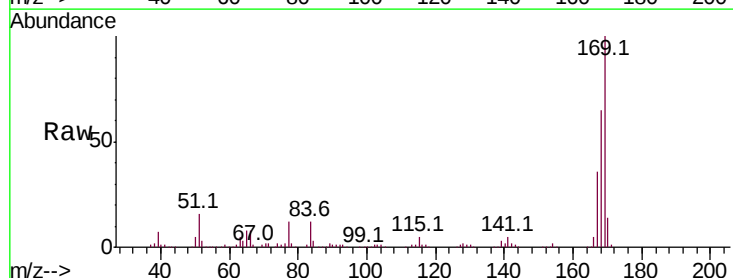
Sohil

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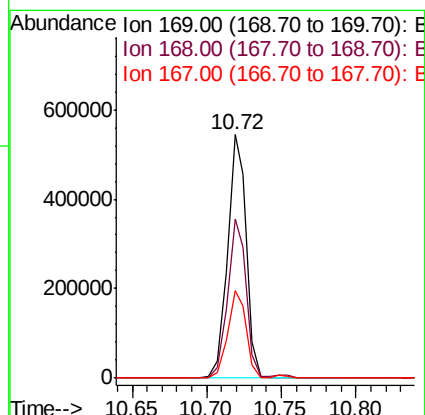
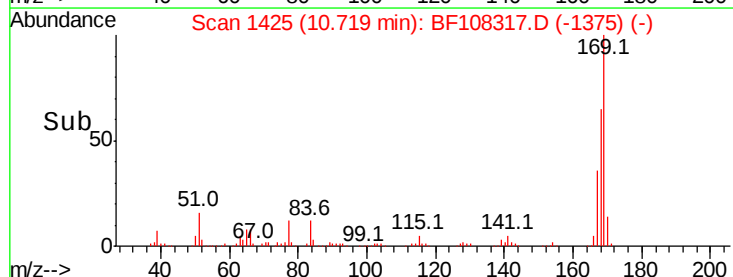


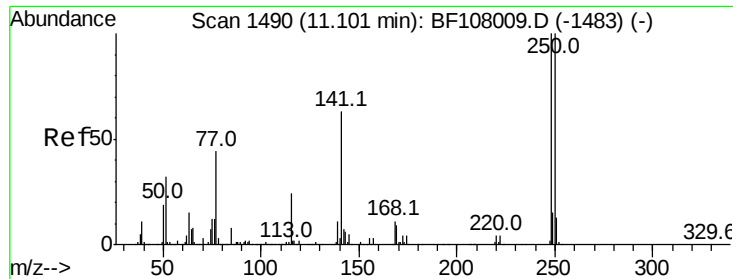
#65
 n-Nitrosodiphenylamine
 Concen: 45.552 ng
 RT: 10.72 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.1	54.4	81.6
167	36.2	29.8	44.6



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



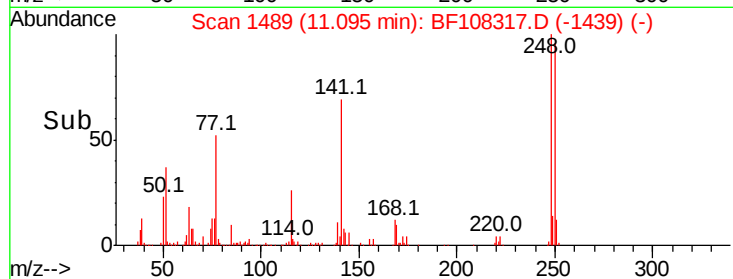
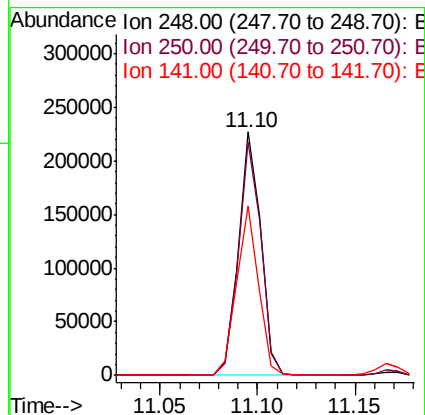
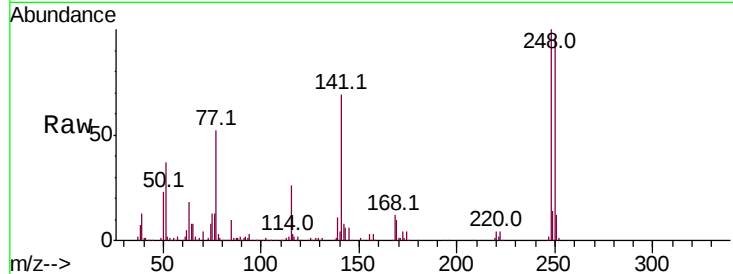


#66
 4-Bromophenyl-phenylether
 Concen: 46.023 ng
 RT: 11.10 min Scan# 1489
 Delta R.T. -0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

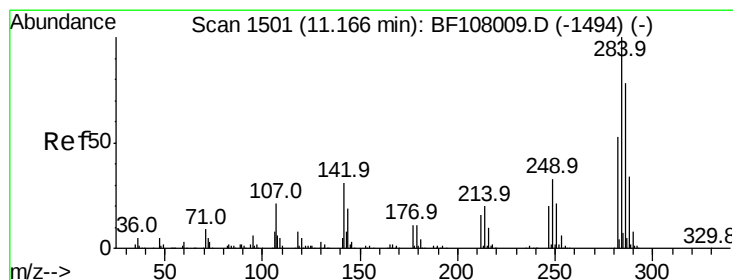
Tot Ion:	248	Resp:	179521
Ion Ratio	Lower	Upper	
248	100		
250	95.7	76.9	115.3
141	69.4	74.4	111.6

Manual Integrations
 APPROVED



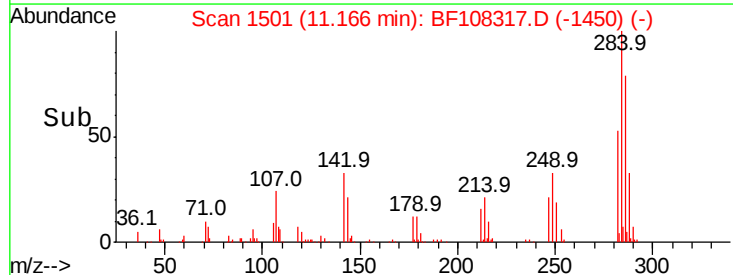
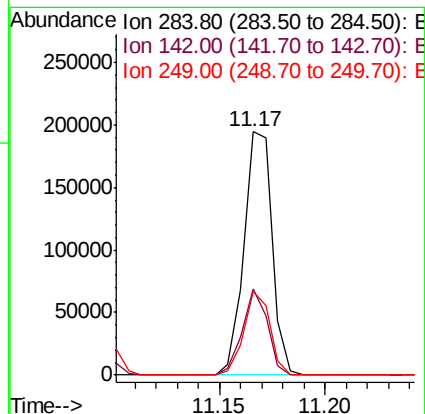
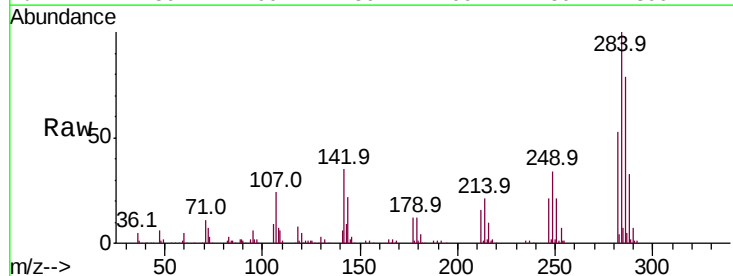
Sohil

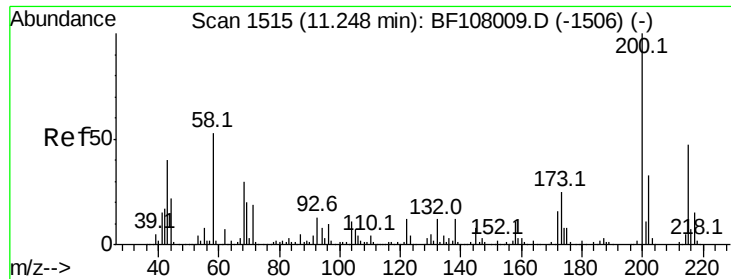
8/21/2018 1:43:35 PM



#67
 Hexachlorobenzene
 Concen: 43.707 ng
 RT: 11.17 min Scan# 1501
 Delta R.T. 0.00 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Tgt Ion:	284	Resp:	179379
Ion Ratio	Lower	Upper	
284	100		
142	35.4	34.6	52.0
249	34.4	24.8	37.2



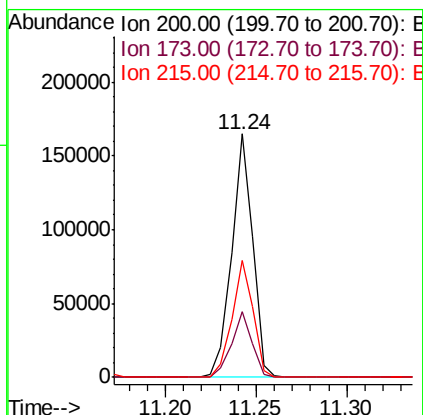
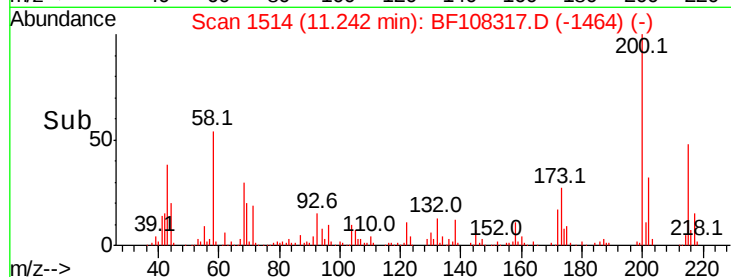
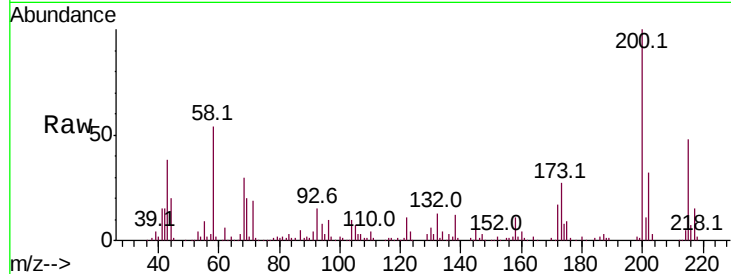


#68
Atrazine
Concen: 37.528 ng
RT: 11.24 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

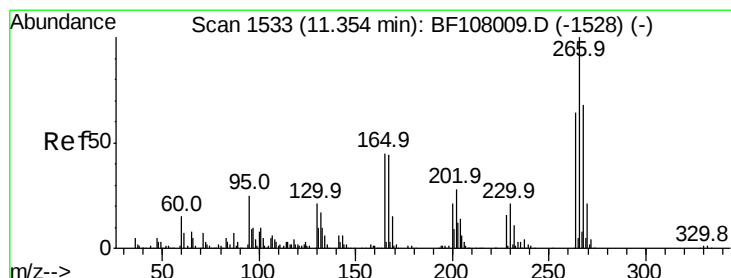
Tot Ion	Ratio	Resp Lower	Resp Upper
200	100		
173	26.8	8.6	48.6
215	47.8	25.1	65.1

Manual Integrations
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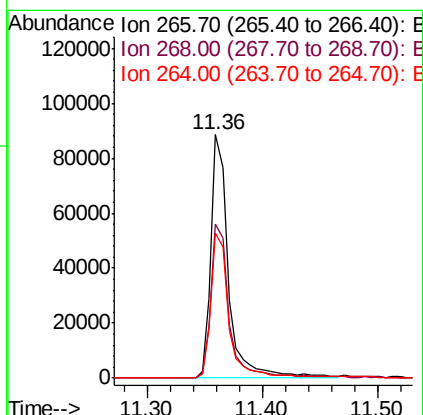
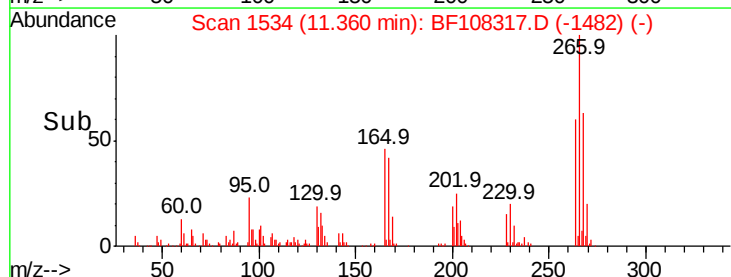
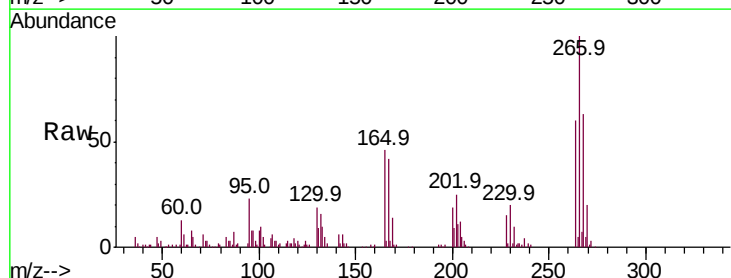
Sohil

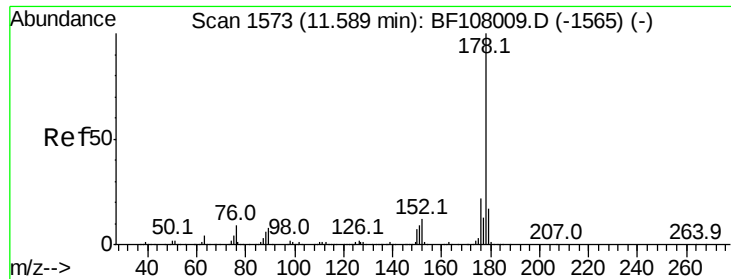
8/21/2018 1:43:35 PM



#69
Pentachlorophenol
Concen: 48.064 ng
RT: 11.36 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp Lower	Resp Upper
266	100		
268	63.4	51.1	76.7
264	59.6	49.5	74.3



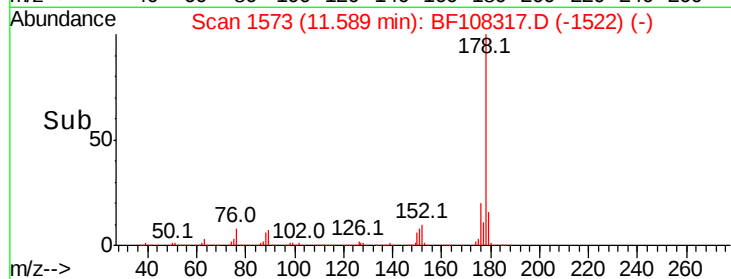
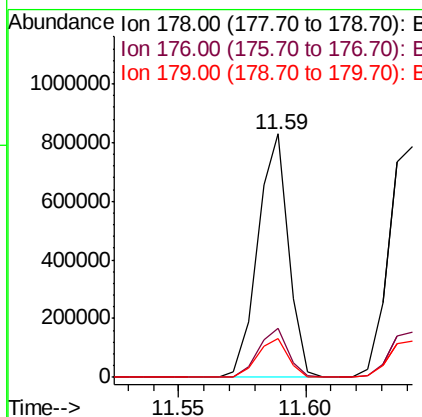
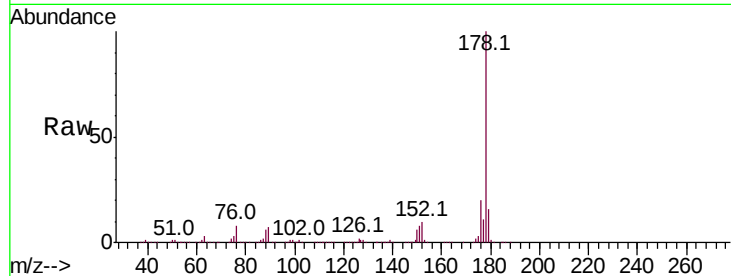


#70
Phenanthrene
Concen: 41.452 ng
RT: 11.59 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

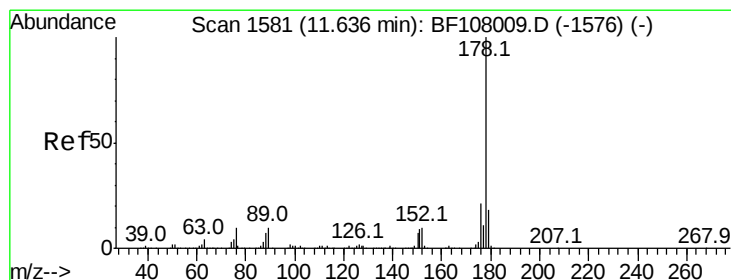
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.8	13.0	19.6

Manual Integrations
APPROVED



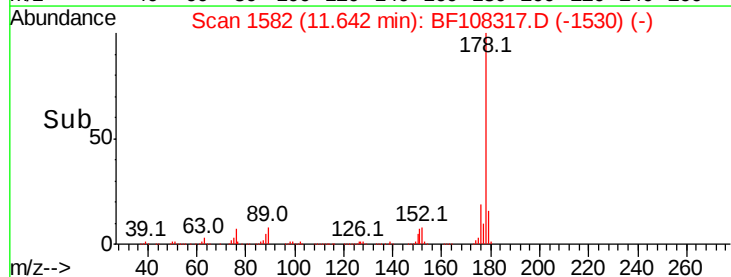
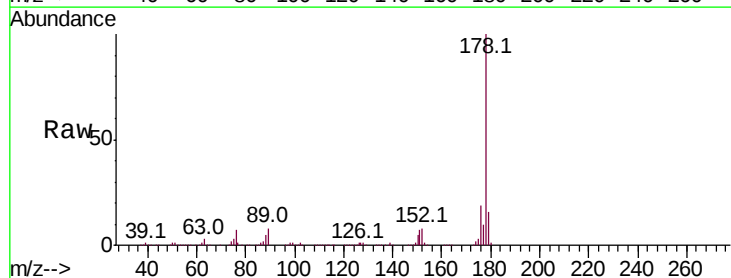
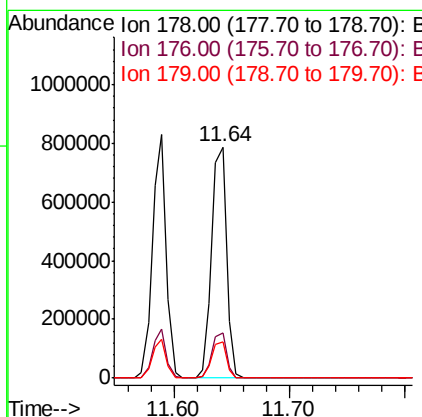
Sohil

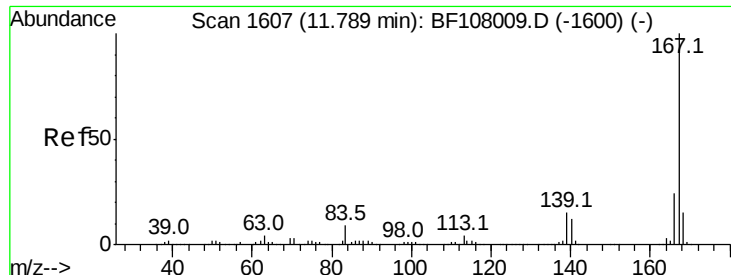
8/21/2018 1:43:35 PM



#71
Anthracene
Concen: 41.188 ng
RT: 11.64 min Scan# 1582
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.3	15.4	23.2
179	15.7	12.6	19.0



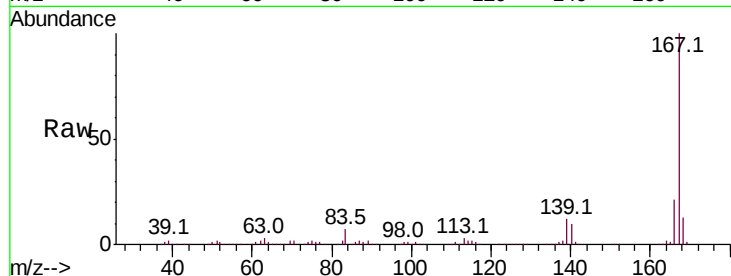


#72
 Carbazole
 Concen: 45.116 ng
 RT: 11.80 min Scan# 1608
 Delta R.T. 0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
167	100			
166	21.4		17.6	26.4
139	12.3		10.9	16.3

Manual Integrations
 APPROVED

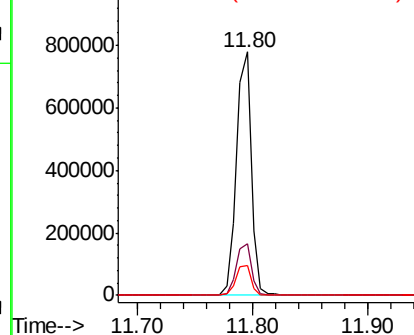


Abundance

Ion 167.00 (166.70 to 167.70): E

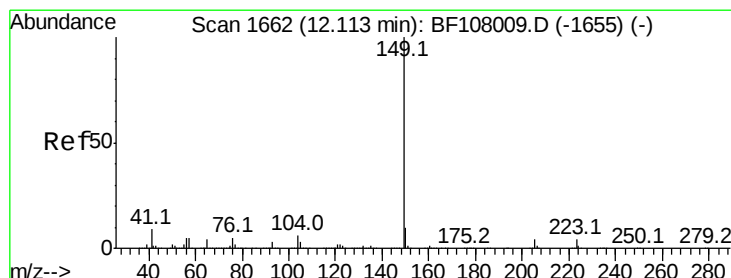
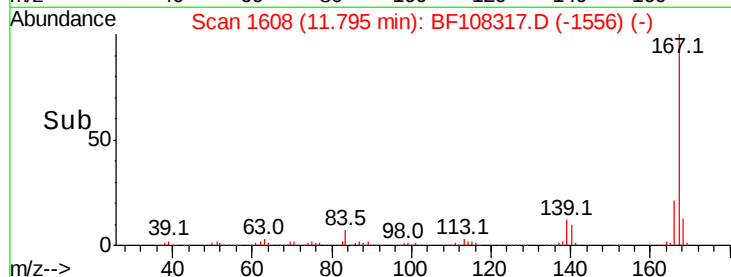
Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



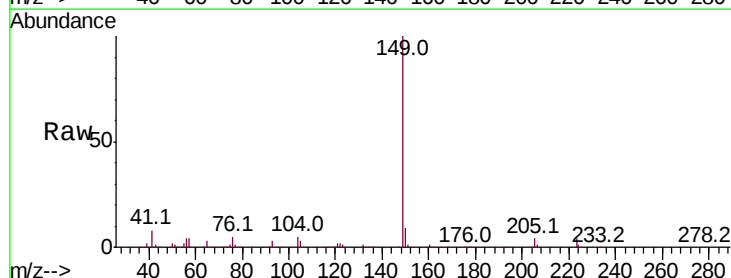
Sohil

8/21/2018 1:43:35 PM



#73
 Di-n-butylphthalate
 Concen: 47.458 ng
 RT: 12.11 min Scan# 1661
 Delta R.T. -0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
150	9.3		7.8	11.6
104	4.9		3.8	5.8

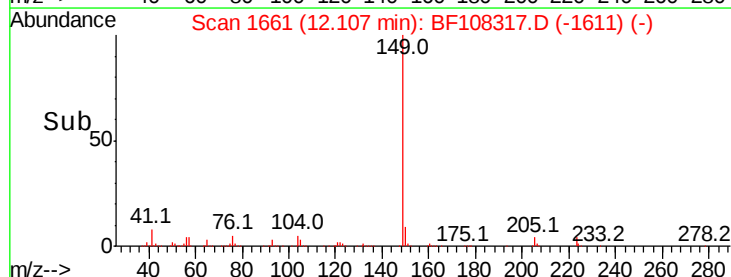
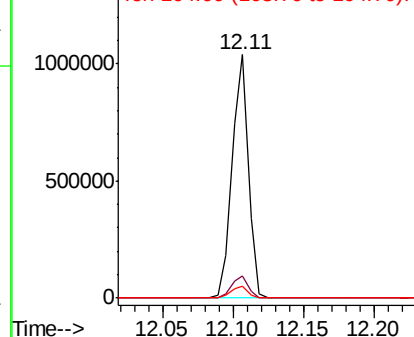


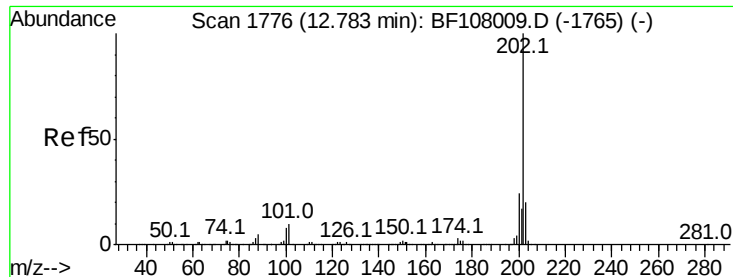
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



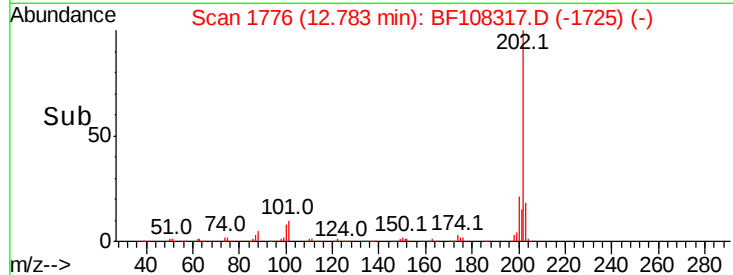
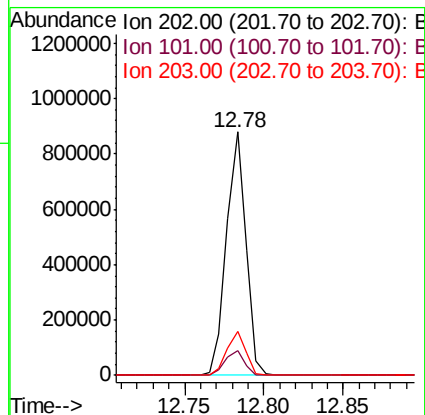
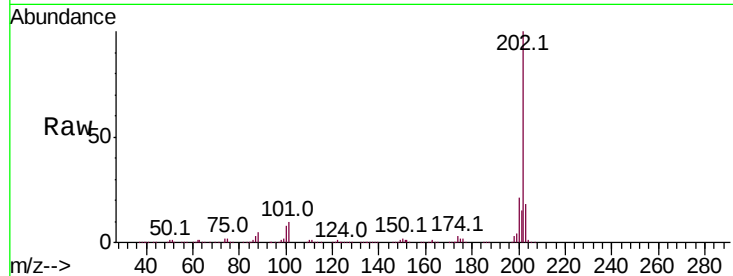


#74
 Fluoranthene
 Concen: 40.391 ng
 RT: 12.78 min Scan# 1776
 Delta R.T. 0.00 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Instrument :
 BNA_F
 ClientSampled :
 SSTDCCC040

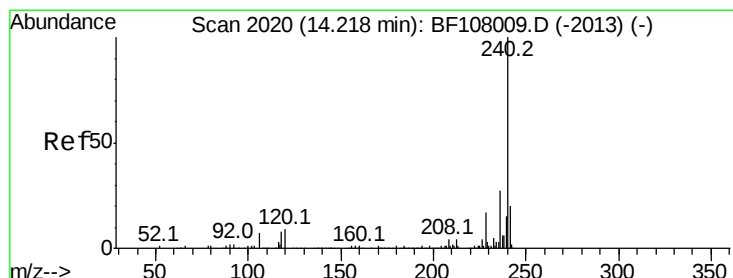
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.3	0.0	34.1
203	17.8	0.0	38.1

Manual Integrations
 APPROVED



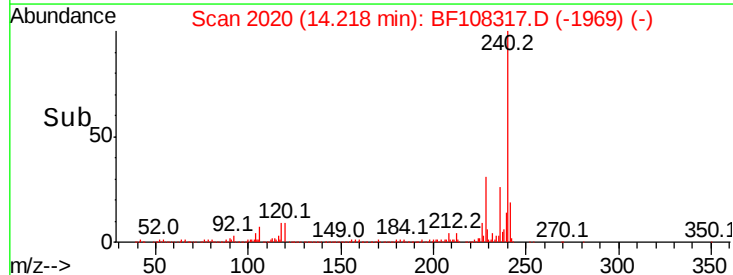
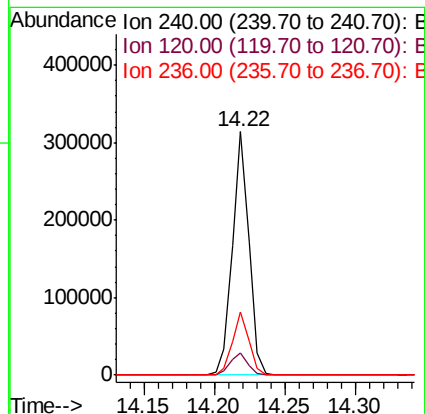
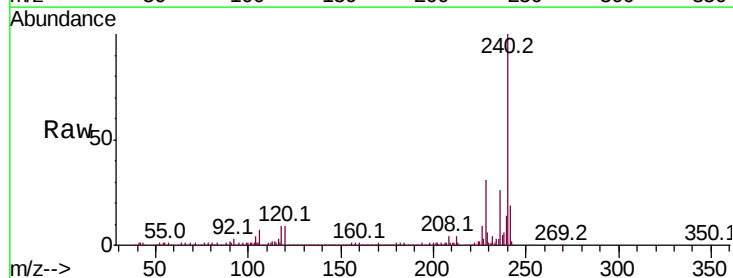
Sohil

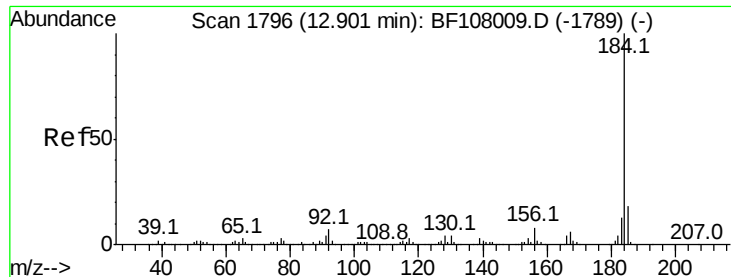
8/21/2018 1:43:35 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.22 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.1	9.5	14.3#
236	26.0	20.7	31.1





#76

Benzidine

Concen: 42.476 ng

RT: 12.90 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Instrument :

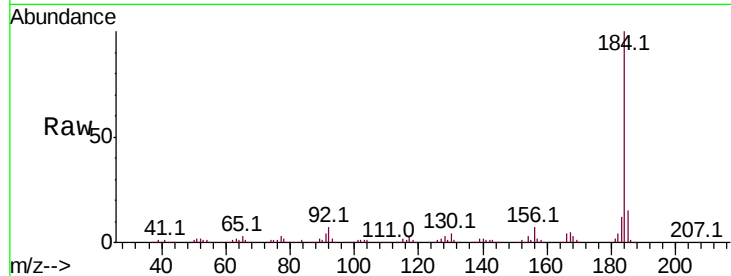
BNA_F

ClientSampleId :

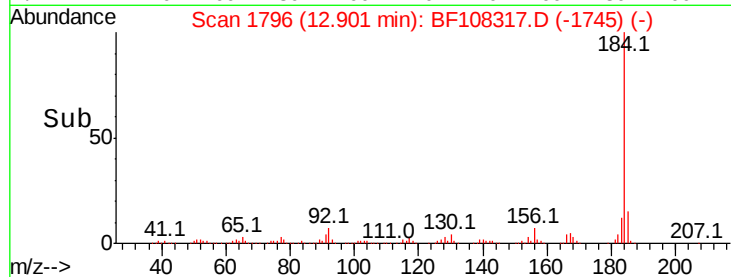
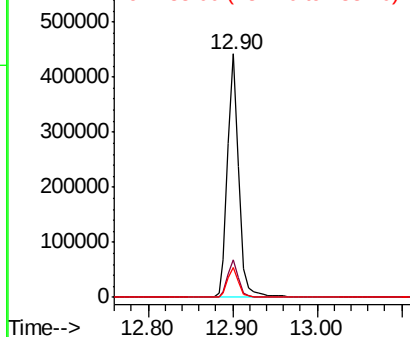
SSTDCCC040

Tot Ion:	184	Resp:	406870
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.6	18.8
183	12.1	9.3	13.9

Manual Integrations
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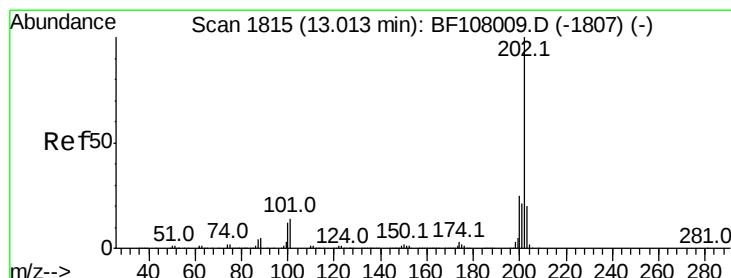


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Sohil

8/21/2018 1:43:35 PM



#77

Pyrene

Concen: 47.321 ng

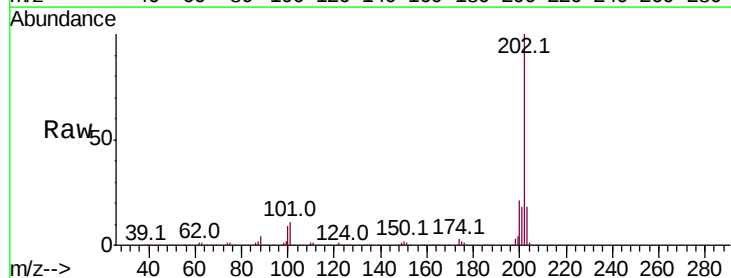
RT: 13.02 min Scan# 1816

Delta R.T. 0.01 min

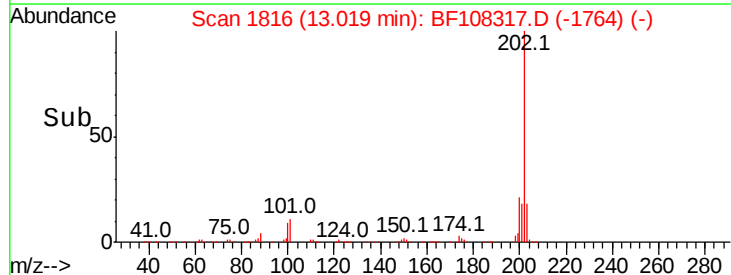
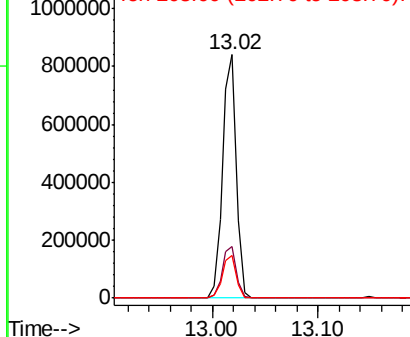
Lab File: BF108317.D

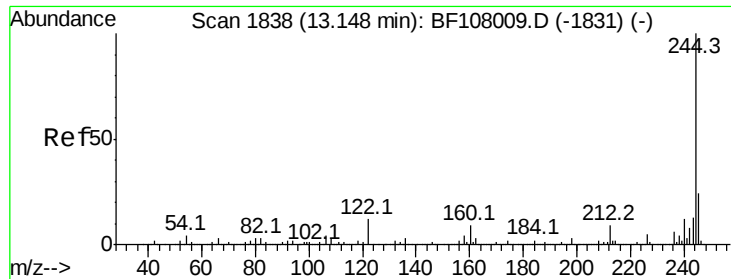
Acq: 21 Aug 2018 3:59

Tgt Ion:	202	Resp:	768075
Ion Ratio	Lower	Upper	
202	100		
200	21.3	17.4	26.2
203	17.6	14.3	21.5



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



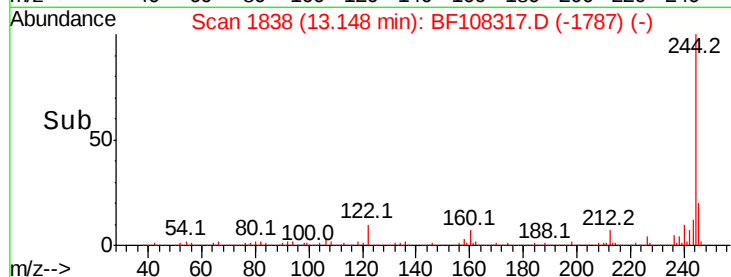
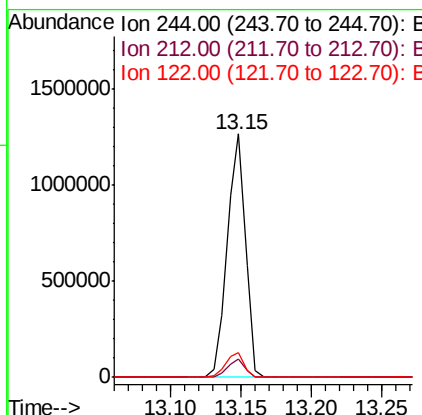
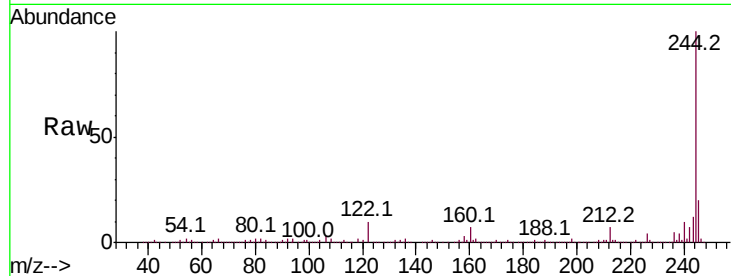


#78
 Terphenyl-d14
 Concen: 112.466 ng
 RT: 13.15 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

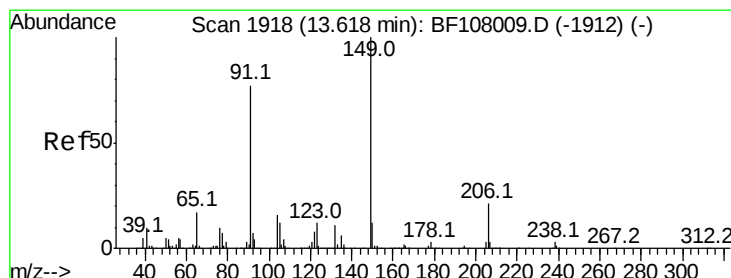
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.0
122	9.9	11.0	16.4

Manual Integrations
 APPROVED



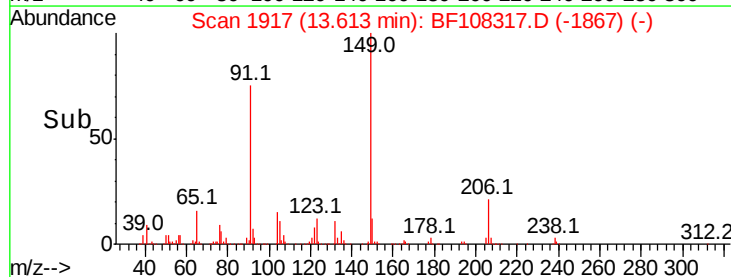
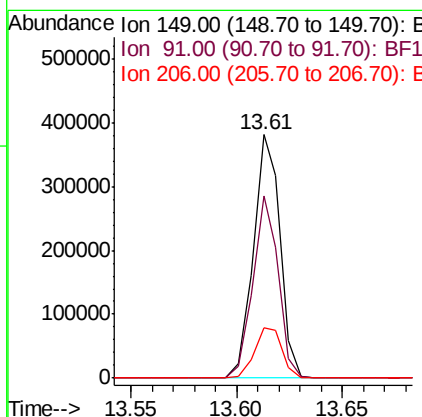
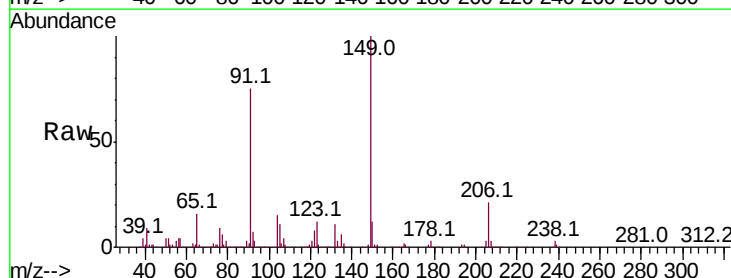
Sohil

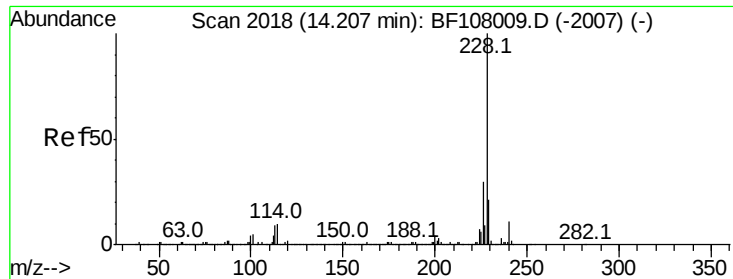
8/21/2018 1:43:35 PM



#79
 Butylbenzylphthalate
 Concen: 51.815 ng
 RT: 13.61 min Scan# 1917
 Delta R.T. -0.01 min
 Lab File: BF108317.D
 Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
149	100		
91	75.0	56.8	85.2
206	20.7	14.1	21.1



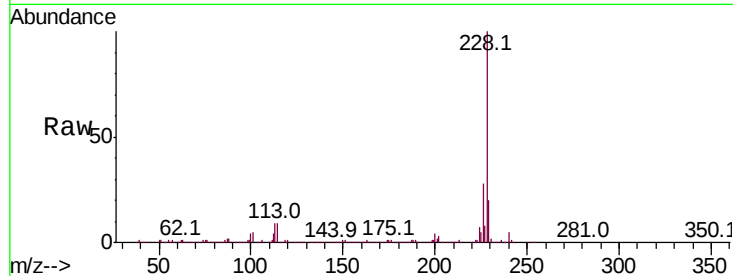


#80
Benzo(a)anthracene
Concen: 39.658 ng
RT: 14.21 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.6	33.8
229	19.8	15.8	23.6

Manual Integrations
APPROVED

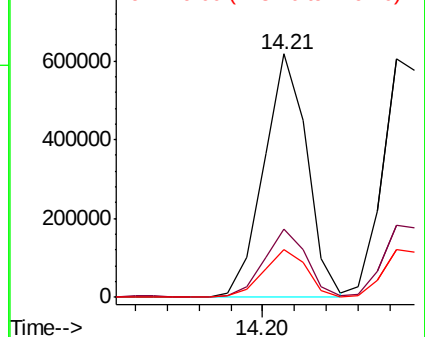


Abundance

Ion 228.00 (227.70 to 228.70): E

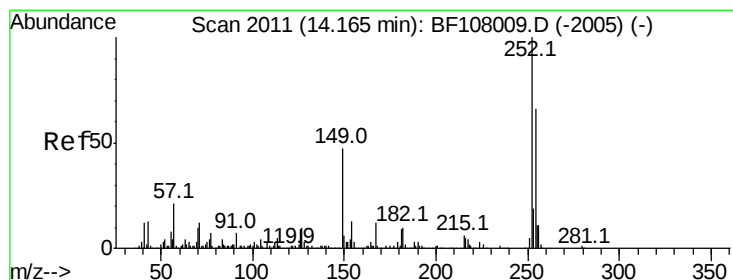
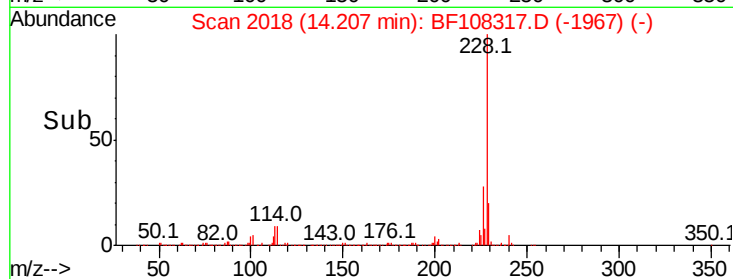
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



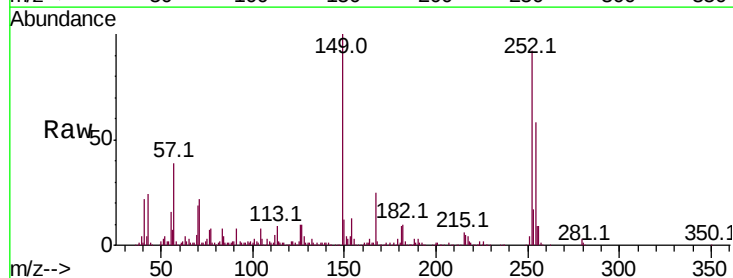
Sohil

8/21/2018 1:43:35 PM



#81
3,3'-Dichlorobenzidine
Concen: 47.600 ng
RT: 14.16 min Scan# 2010
Delta R.T. -0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.4	75.6
126	11.1	11.3	16.9#

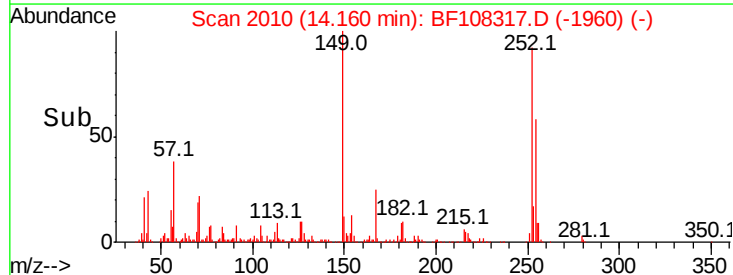
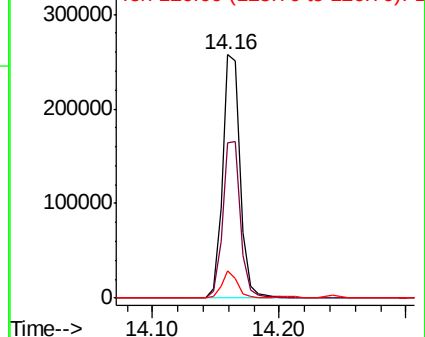


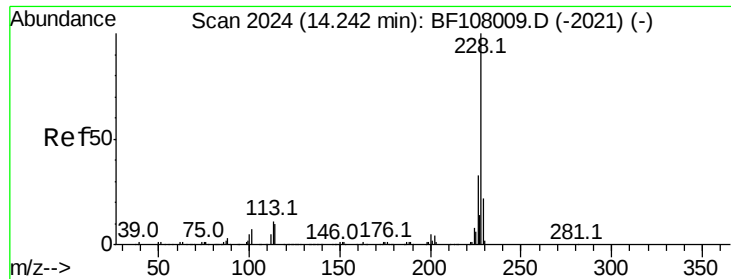
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



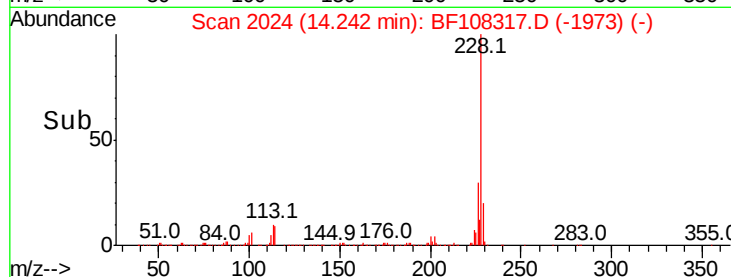
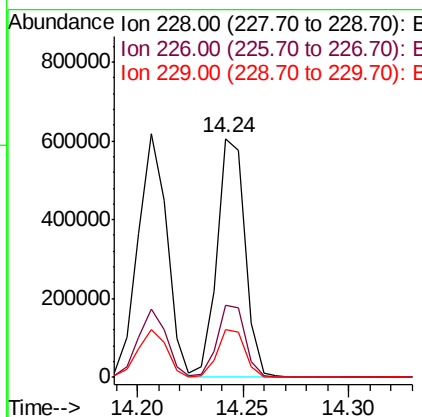
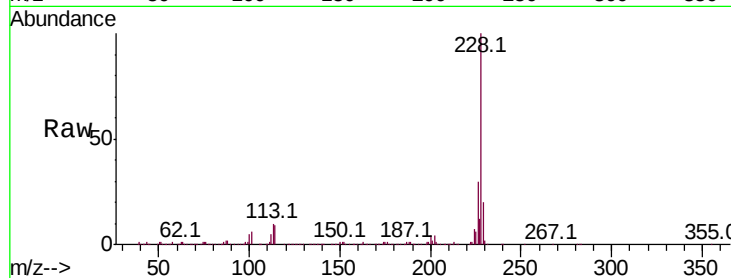


#82
Chrysene
Concen: 41.394 ng
RT: 14.24 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

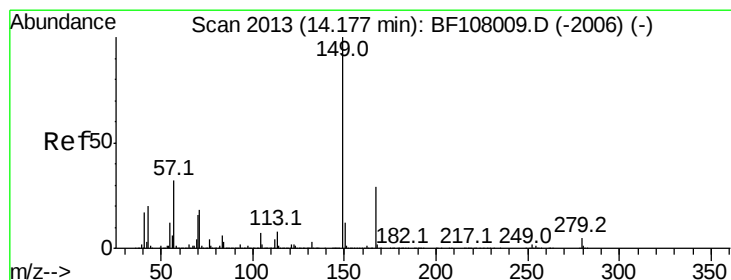
Tot Ion:	228	Resp:	558359
Ion Ratio	Lower	Upper	
228	100		
226	30.5	25.0	37.6
229	19.9	16.2	24.4

Manual Integrations
APPROVED



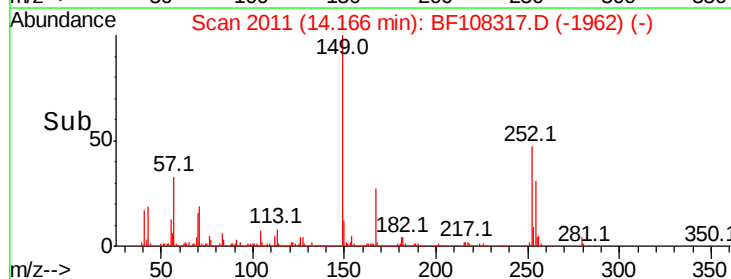
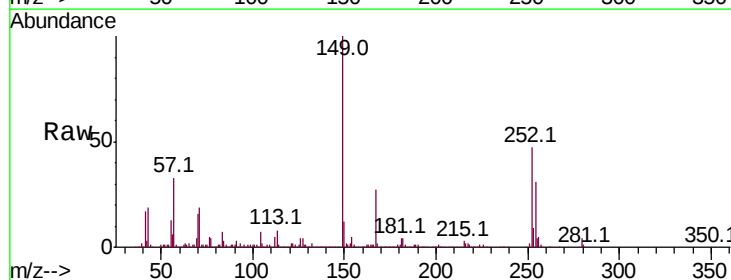
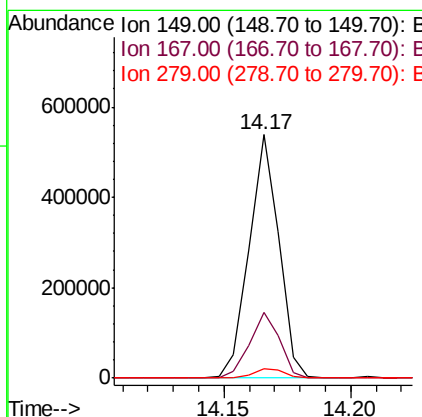
Sohil

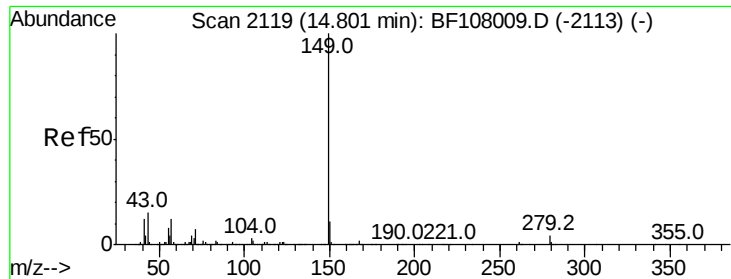
8/21/2018 1:43:35 PM



#83
Bis(2-ethylhexyl)phthalate
Concen: 50.532 ng
RT: 14.17 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion:	149	Resp:	441040
Ion Ratio	Lower	Upper	
149	100		
167	26.9	21.3	31.9
279	3.8	3.0	4.4



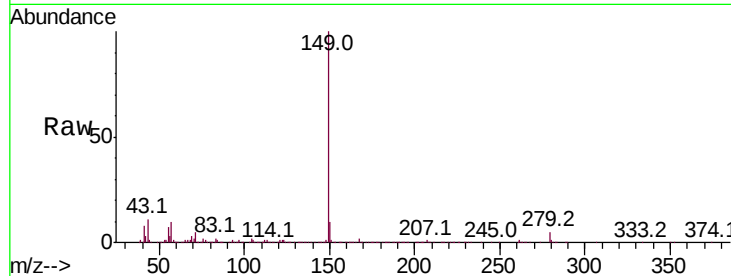


#84
Di-n-octyl phthalate
Concen: 51.405 ng
RT: 14.79 min Scan# 2118
Delta R.T. -0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

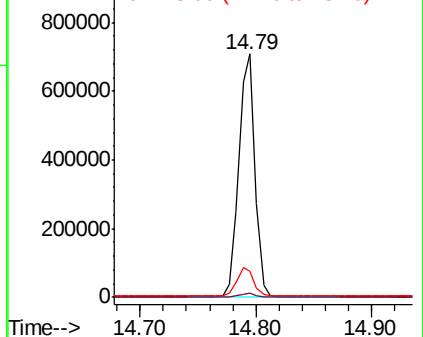
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	684244		
167	1.7		1.2	1.8
43	11.8		8.4	12.6

Manual Integrations
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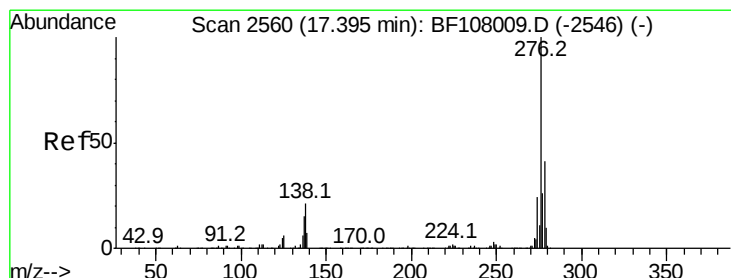
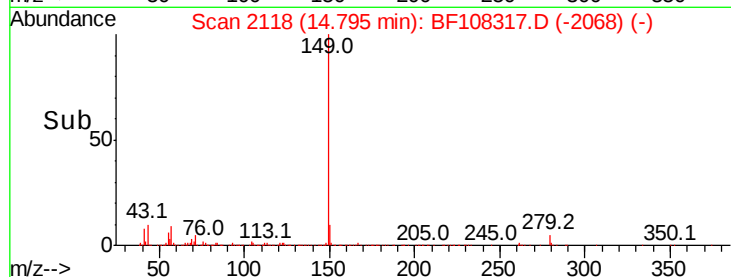


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



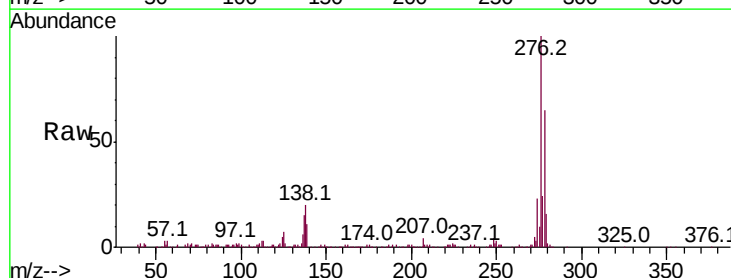
Sohil

8/21/2018 1:43:35 PM

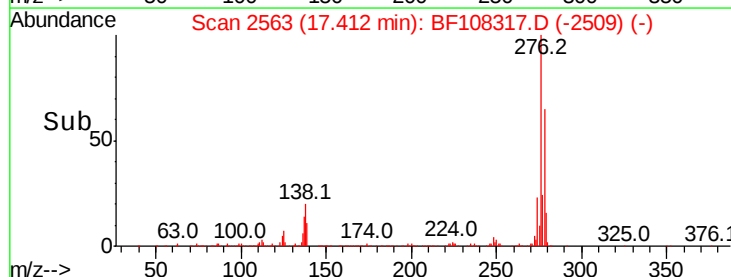
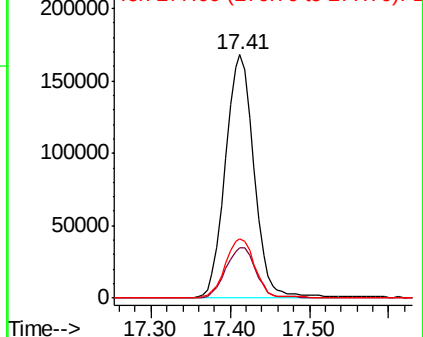


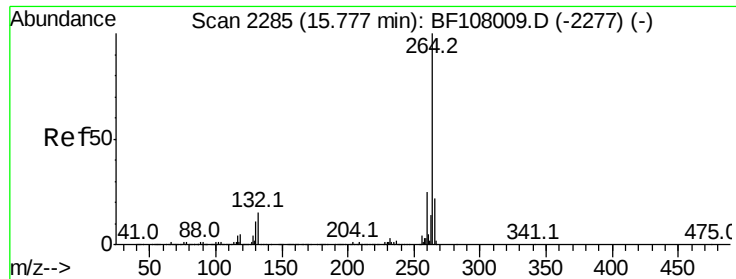
#85
Indeno(1,2,3-cd)pyrene
Concen: 36.095 ng
RT: 17.41 min Scan# 2563
Delta R.T. 0.02 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	421864		
138	21.9		25.0	37.6#
277	25.3		20.1	30.1



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





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.78 min Scan# 2286

Delta R.T. 0.01 min

Lab File: BF108317.D

Acq: 21 Aug 2018 3:59

Instrument :

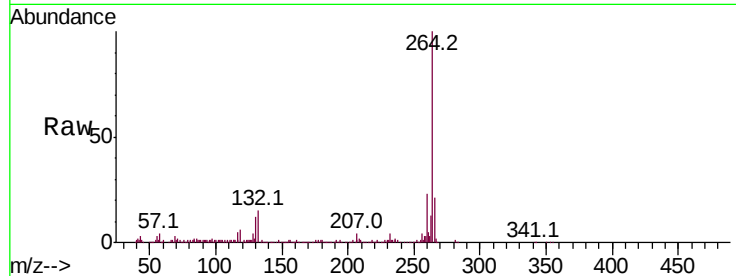
BNA_F

ClientSampleId :

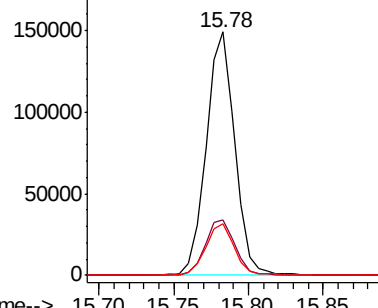
SSTDCCC040

Tot Ion:	264	Resp:	199096
Ion Ratio	Lower	Upper	
264	100		
260	23.0	19.2	28.8
265	21.4	17.5	26.3

Manual Integrations
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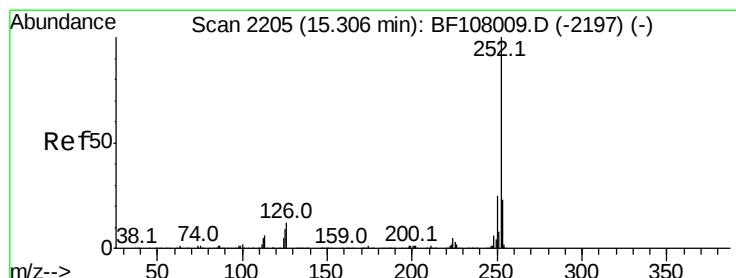
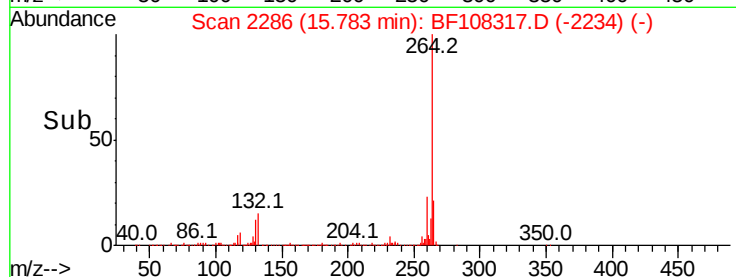


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



Sohil

8/21/2018 1:43:35 PM



#87

Benzo(b)fluoranthene

Concen: 37.918 ng m

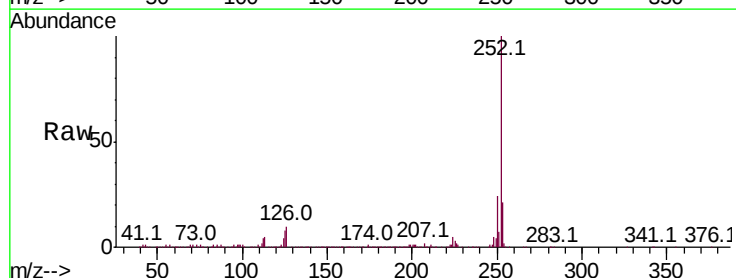
RT: 15.31 min Scan# 2206

Delta R.T. 0.01 min

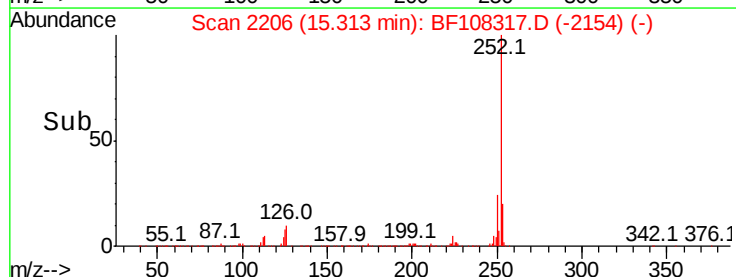
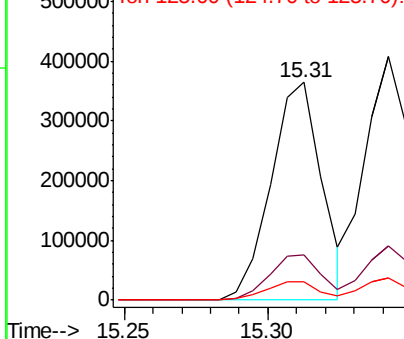
Lab File: BF108317.D

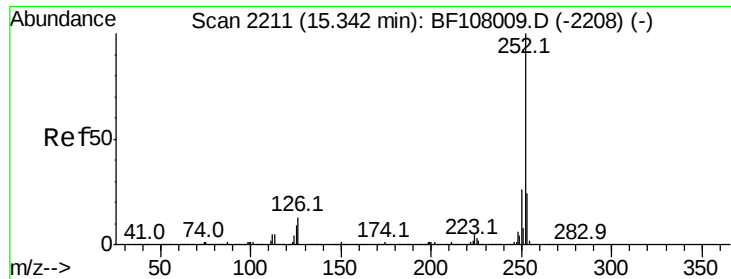
Acq: 21 Aug 2018 3:59

Tgt Ion:	252	Resp:	451108
Ion Ratio	Lower	Upper	
252	100		
253	20.5	17.0	25.6
125	8.2	9.0	13.6#



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



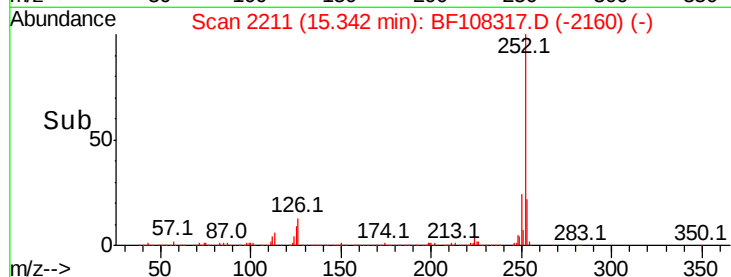
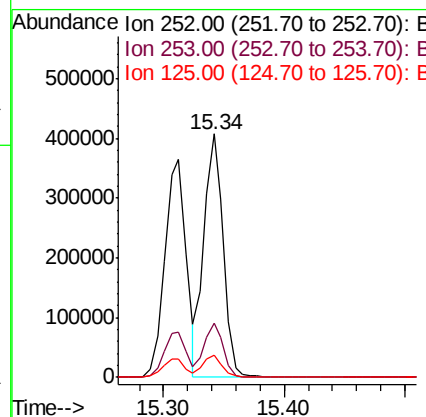
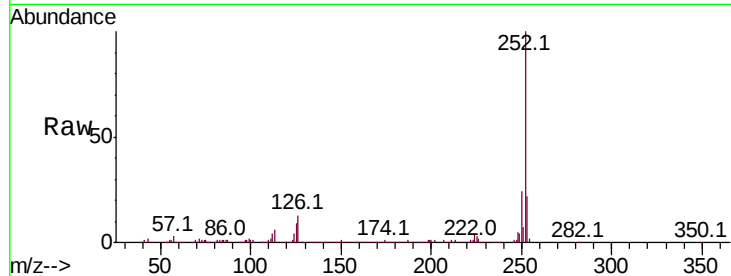


#88
Benzo(k)fluoranthene
Concen: 41.423 ng
RT: 15.34 min Scan# 2211
Delta R.T. 0.00 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

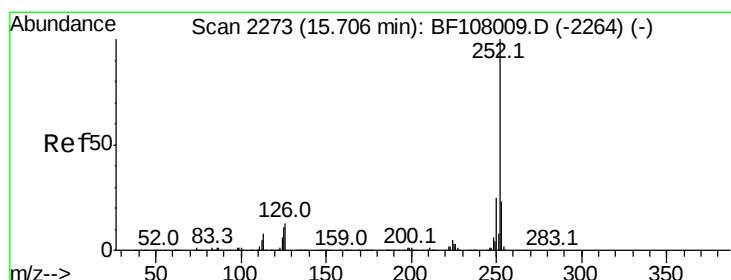
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.9	26.9
125	9.1	10.2	15.2

Manual Integrations
APPROVED



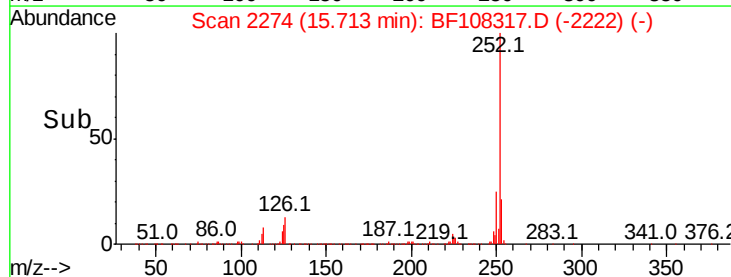
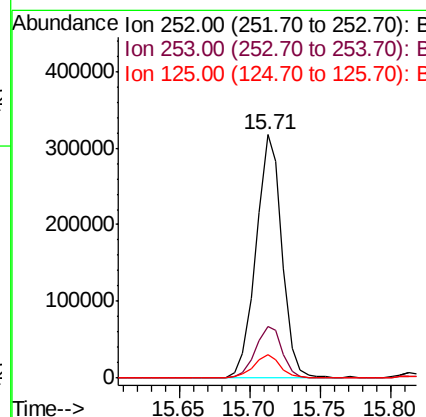
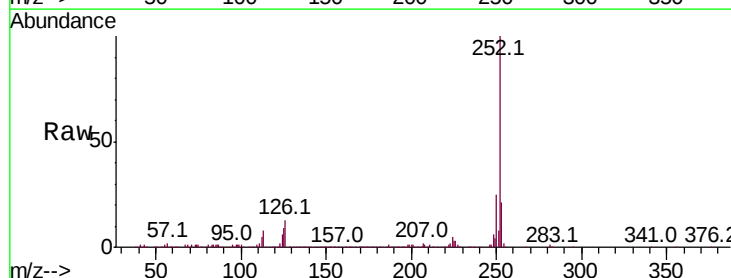
Sohil

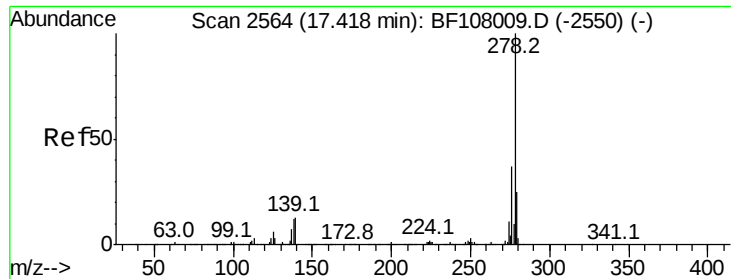
8/21/2018 1:43:35 PM



#89
Benzo(a)pyrene
Concen: 38.587 ng
RT: 15.71 min Scan# 2274
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.3	17.1	25.7
125	9.5	9.8	14.6



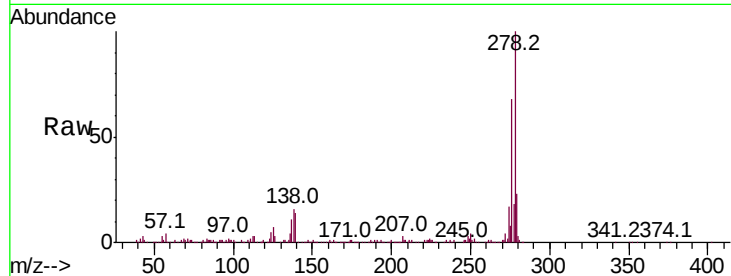


#90
Dibenzo(a,h)anthracene
Concen: 41.398 ng
RT: 17.42 min Scan# 2565
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Instrument :
BNA_F
ClientSampled :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.6	15.9	23.9#
279	23.2	19.0	28.4

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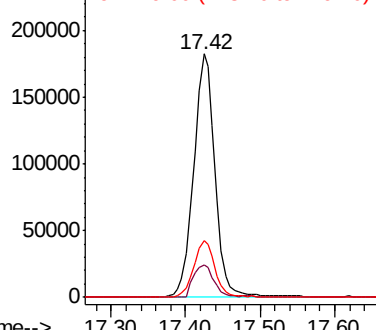


Abundance

Ion 278.00 (277.70 to 278.70): E

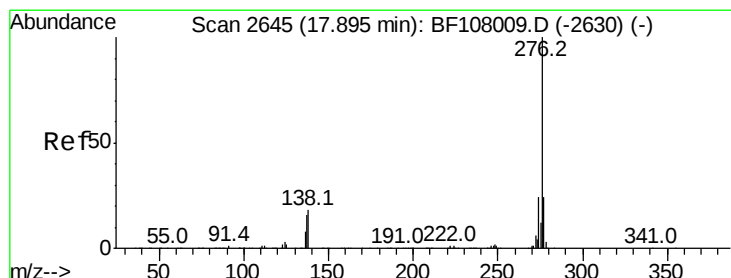
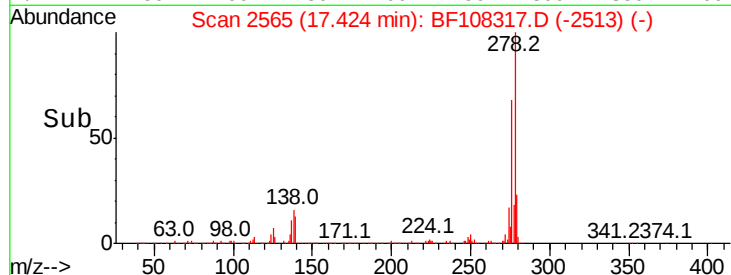
Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



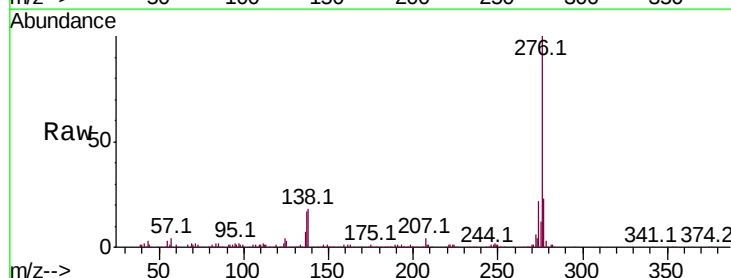
Sohil

8/21/2018 1:43:35 PM



#91
Benzo(g,h,i)perylene
Concen: 38.071 ng
RT: 17.91 min Scan# 2647
Delta R.T. 0.01 min
Lab File: BF108317.D
Acq: 21 Aug 2018 3:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.7	17.9	26.9
138	18.1	21.8	32.8#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

