

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108632.D
 Acq On : 30 Aug 2018 10:47
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Manual Integrations
 APPROVED

Sohil
 8/31/2018 12:17:46 PM

Quant Time: Aug 30 14:57:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 12:33:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	126281	20.00	ng	0.00
21) Naphthalene-d8	8.28	136	560937	20.00	ng	0.00
38) Acenaphthene-d10	10.04	164	302465	20.00	ng	0.00
63) Phenanthrene-d10	11.54	188	665122	20.00	ng	0.00
75) Chrysene-d12	14.20	240	620746	20.00	ng	0.00
86) Perylene-d12	15.75	264	550606	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.80	112	39083m	5.60	ng	0.15
7) Phenol-d6	6.68	99	58351m	6.30	ng	0.03
23) Nitrobenzene-d5	7.57	82	53628	5.33	ng	0.00
41) 2,4,6-Tribromophenol	10.84	330	18985	6.29	ng	0.00
44) 2-Fluorobiphenyl	9.35	172	123225	6.54	ng	0.00
78) Terphenyl-d14	13.12	244	160309	6.57	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.93	88	9738m	2.717	ng	
8) 2-Chlorophenol	6.81	128	20674	2.632	ng	88
10) Phenol	6.71	94	30443m	3.175	ng	
12) 1,3-Dichlorobenzene	6.94	146	25085	2.762	ng	97
13) 1,4-Dichlorobenzene	7.02	146	27707	3.036	ng	99
14) 1,2-Dichlorobenzene	7.17	146	28472	3.354	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.26	45	43525	2.726	ng	87
18) Hexachloroethane	7.50	117	9825	3.024	ng	90
19) n-Nitroso-di-n-propylamine	7.40	70	16026	2.557	ng	93
22) Acetophenone	7.42	105	34625m	2.640	ng	
24) Nitrobenzene	7.59	77	23183	2.281	ng	97
25) Isophorone	7.81	82	41217	2.151	ng	94
26) 2-Nitrophenol	7.92	139	10254	2.671	ng	94
27) 2,4-Dimethylphenol	7.95	122	21000m	2.469	ng	
28) bis(2-Chloroethoxy)methane	8.03	93	28351m	2.535	ng	
29) 2,4-Dichlorophenol	8.17	162	20210	2.582	ng	95
30) 1,2,4-Trichlorobenzene	8.22	180	23807	2.759	ng	99
31) Naphthalene	8.30	128	67430m	2.643	ng	
33) 4-Chloroaniline	8.39	127	28566	2.570	ng	97
34) Hexachlorobutadiene	8.41	225	16226	2.971	ng	96
36) 4-Chloro-3-methylphenol	8.85	107	22178	2.627	ng	94
37) 2-Methylnaphthalene	9.00	142	43140	2.390	ng	97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	26163	2.817	ng	# 96
42) 2,4,6-Trichlorophenol	9.28	196	13056	2.265	ng	97
43) 2,4,5-Trichlorophenol	9.34	196	20015	3.154	ng	93
45) 1,1'-Biphenyl	9.46	154	68027	3.050	ng	94
46) 2-Chloronaphthalene	9.49	162	52466	2.977	ng	96
47) 2-Nitroaniline	9.61	65	16121	2.827	ng	# 81
48) Acenaphthylene	9.91	152	79045	2.837	ng	98
49) Dimethylphthalate	9.75	163	58863	2.794	ng	98
50) 2,6-Dinitrotoluene	9.82	165	11980	2.718	ng	# 69
51) Acenaphthene	10.08	154	48278	2.829	ng	99
52) 3-Nitroaniline	10.04	138	12909	2.677	ng	# 60
54) Dibenzofuran	10.25	168	74628	3.018	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083018\
 Data File : BF108632.D
 Acq On : 30 Aug 2018 10:47
 Operator : JU/SJ
 Sample : SSTDICC2.5
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

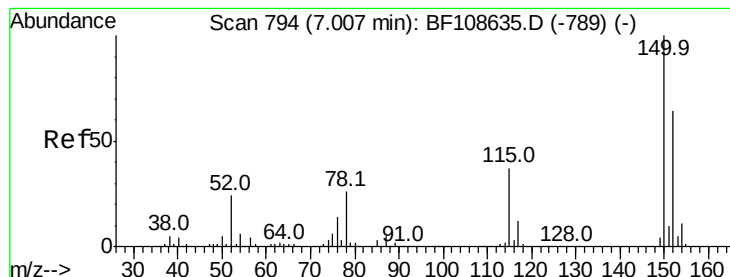
Manual Integrations
 APPROVED

Sohil
 8/31/2018 12:17:46 PM

Quant Time: Aug 30 14:57:41 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083018.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 30 12:33:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) 2,4-Dinitrotoluene	10.24	165	16983	2.993	nq	# 85
57) Fluorene	10.60	166	57015	2.913	nq	100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	17776	3.352	nq	# 85
59) Diethylphthalate	10.45	149	62759	3.076	nq	98
60) 4-Chlorophenyl-phenylether	10.58	204	32565	3.193	nq	92
61) 4-Nitroaniline	10.65	138	13944	2.924	nq	89
62) Azobenzene	10.74	77	63585	3.018	nq	93
65) n-Nitrosodiphenylamine	10.70	169	56875	2.894	nq	93
66) 4-Bromophenyl-phenylether	11.08	248	20151	2.788	nq	# 86
67) Hexachlorobenzene	11.14	284	21783	2.864	nq	# 86
69) Pentachlorophenol	11.35	266	8585	2.358	nq	90
70) Phenanthrene	11.57	178	88004	2.805	nq	98
71) Anthracene	11.62	178	92935	2.890	nq	98
72) Carbazole	11.79	167	91121	3.190	nq	99
73) Di-n-butylphthalate	12.08	149	109233	3.376	nq	99
74) Fluoranthene	12.76	202	104719	3.059	nq	94
77) Pyrene	13.00	202	109414	2.784	nq	98
79) Butylbenzylphthalate	13.59	149	46205	2.961	nq	# 98
80) Benzo(a)anthracene	14.18	228	98037	2.752	nq	97
81) 3,3'-Dichlorobenzidine	14.15	252	37496	2.937	nq	# 97
82) Chrysene	14.22	228	94232	2.885	nq	97
83) Bis(2-ethylhexyl)phthalate	14.14	149	62428	2.954	nq	99
84) Di-n-octyl phthalate	14.76	149	98709	3.063	nq	# 91
85) Indeno(1,2,3-cd)pyrene	17.37	276	69683	2.462	nq	# 91
87) Benzo(b)fluoranthene	15.28	252	76997	2.340	nq	# 96
88) Benzo(k)fluoranthene	15.31	252	89754	2.968	nq	# 96
89) Benzo(a)pyrene	15.68	252	76088	2.583	nq	96
90) Dibenzo(a,h)anthracene	17.38	278	57440	2.356	nq	# 91
91) Benzo(a,h,i)perylene	17.86	276	54809	2.283	nq	# 89

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



#1

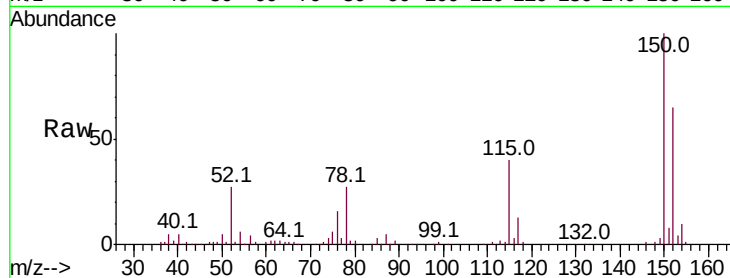
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.00 min Scan# 793
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.6	124.6	186.8
115	61.1	50.1	75.1

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM

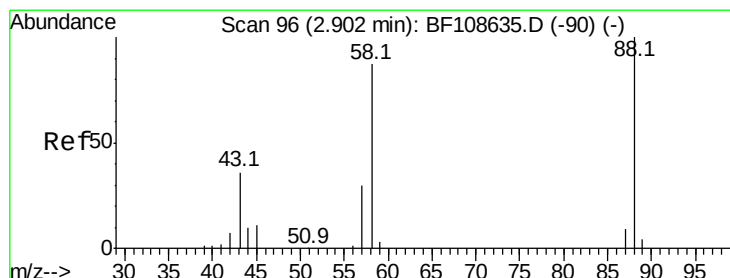
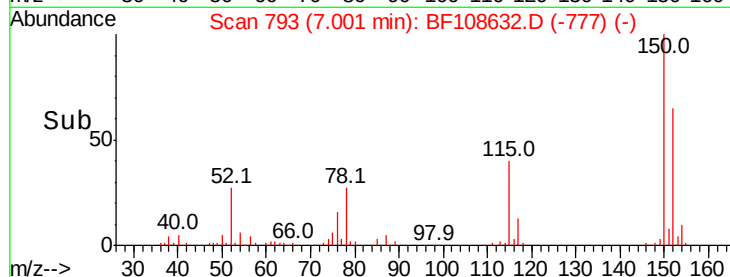
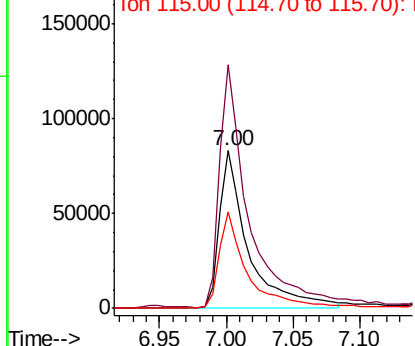


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

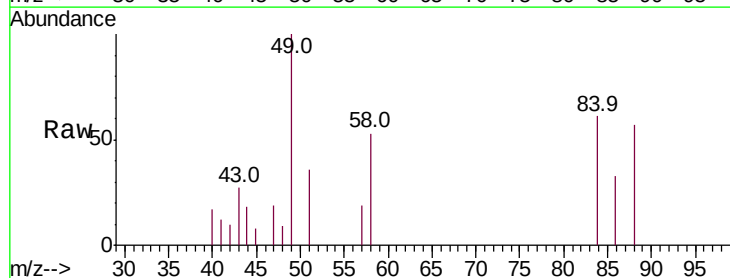
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 2.717 ng m
RT: 2.93 min Scan# 101
Delta R.T. 0.03 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
88	100		
58	55.5	62.6	93.8#
43	26.3	24.6	37.0

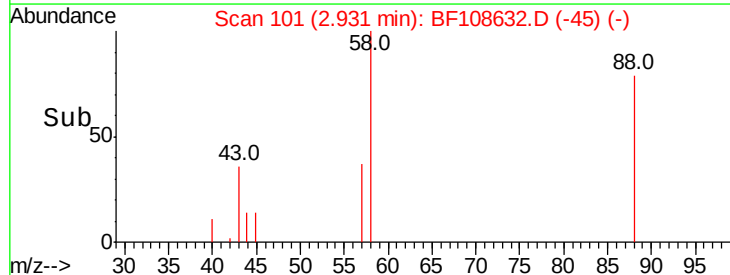
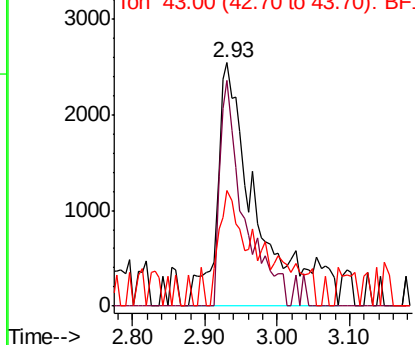


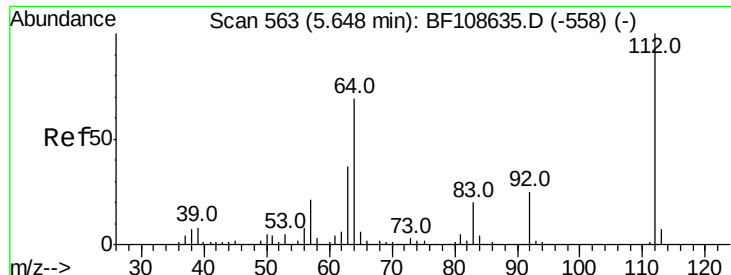
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#5

2-Fluorophenol

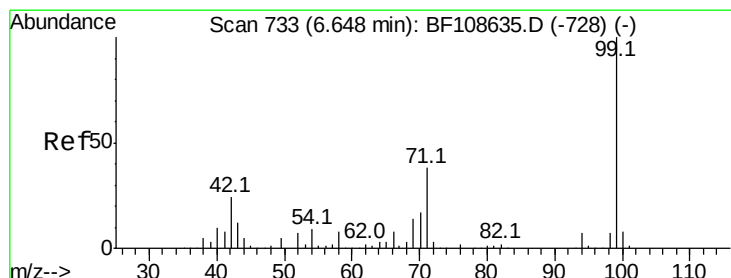
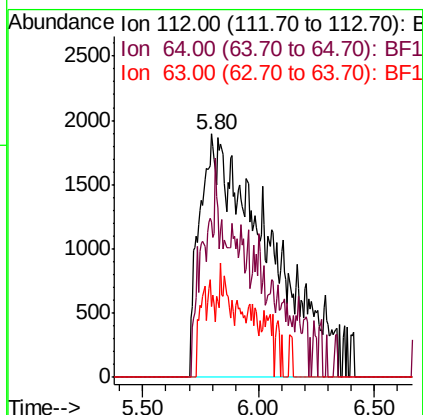
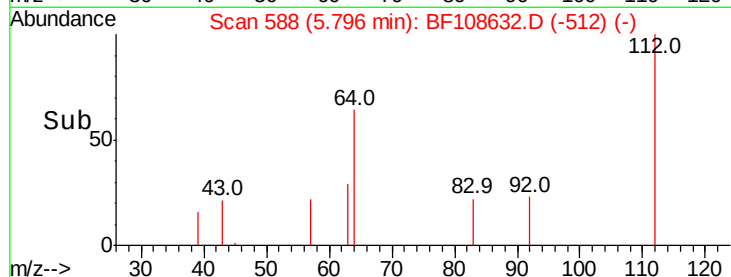
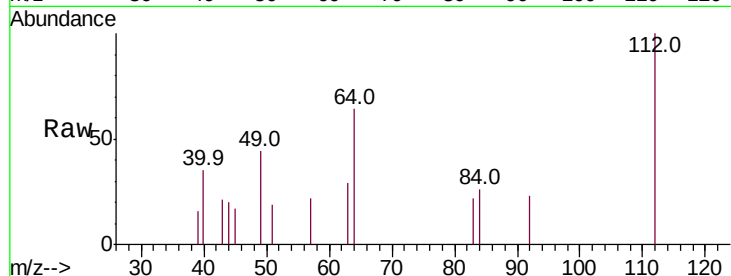
Concen: 5.603 ng m
RT: 5.80 min Scan# 588
Delta R.T. 0.15 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
112	100		
64	63.6	47.9	71.9
63	29.1	23.7	35.5

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM

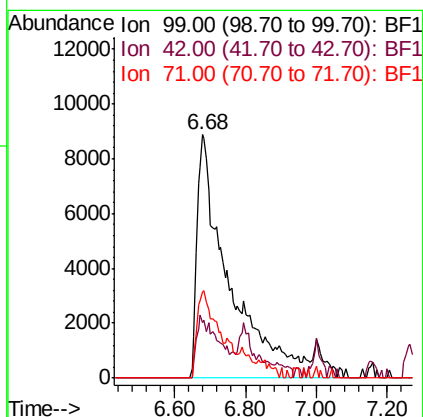
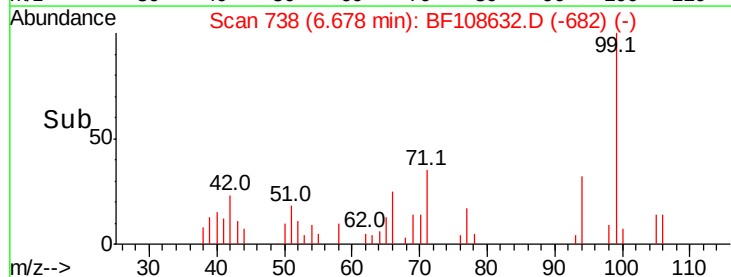
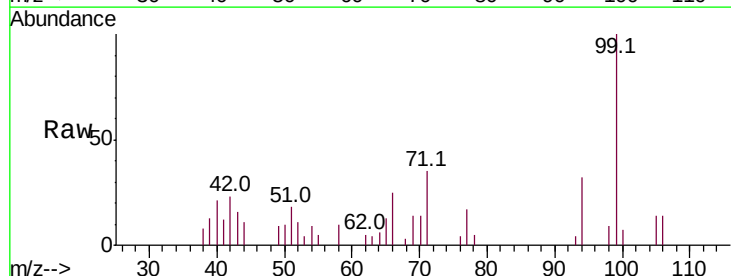


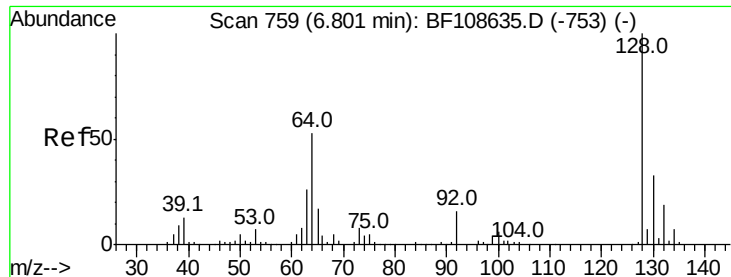
#7

Phenol-d6

Concen: 6.295 ng m
RT: 6.68 min Scan# 738
Delta R.T. 0.03 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
99	100		
42	22.8	14.5	21.7#
71	35.5	25.4	38.0





#8

2-Chlorophenol

Concen: 2.632 ng

RT: 6.81 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

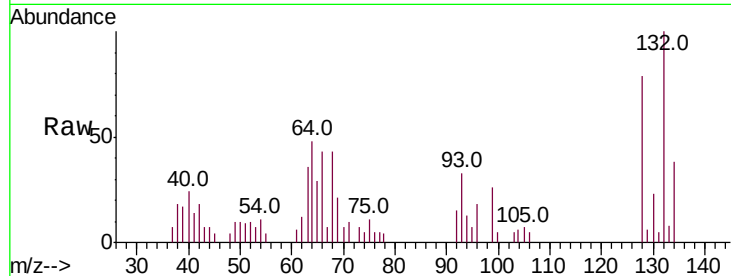
ClientSampleId :

SSTDICC2.5

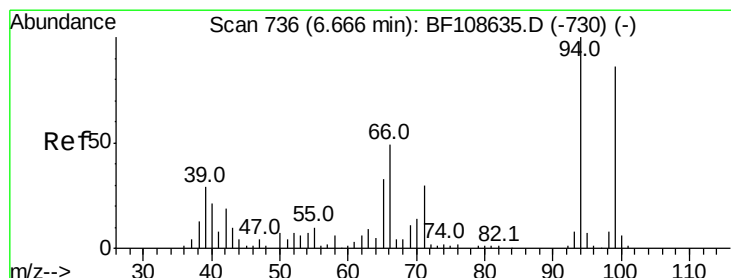
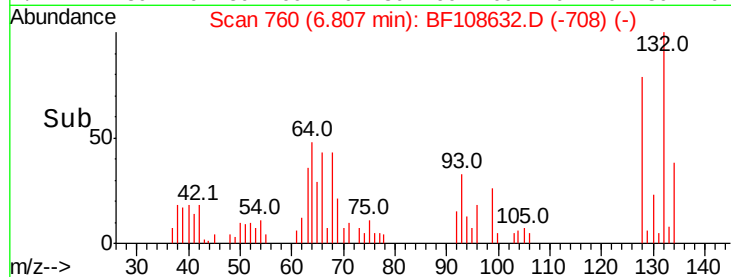
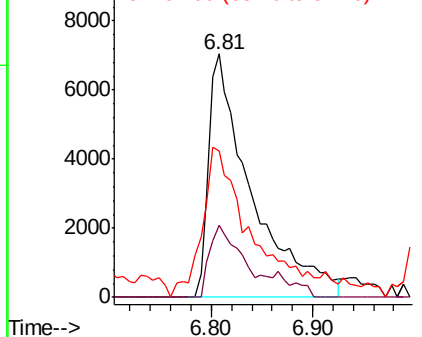
Tot Ion:	128	Resp:	20674
Ion Ratio	Lower	Upper	
128	100		
130	29.5	13.0	53.0
64	60.0	29.4	69.4

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM



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



#10

Phenol

Concen: 3.175 ng m

RT: 6.71 min Scan# 743

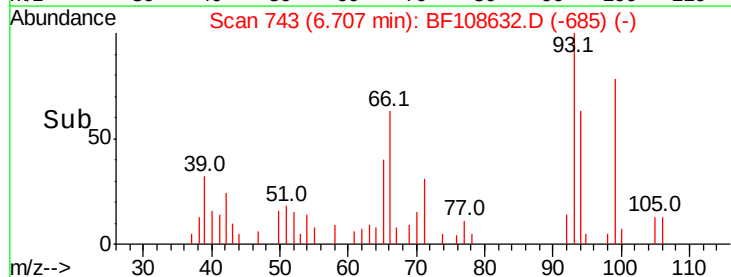
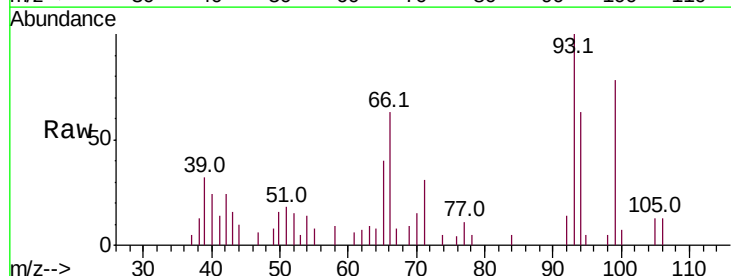
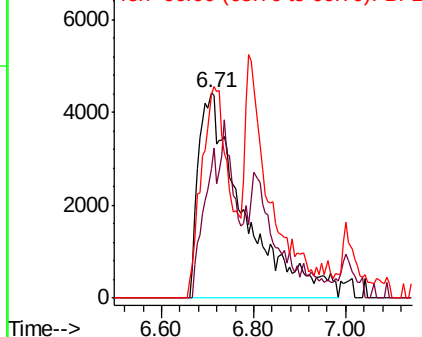
Delta R.T. 0.04 min

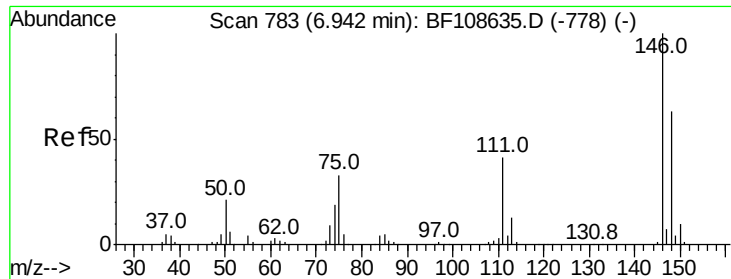
Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Tgt Ion:	94	Resp:	30443
Ion Ratio	Lower	Upper	
94	100		
65	63.1	7.9	47.9#
66	99.5	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





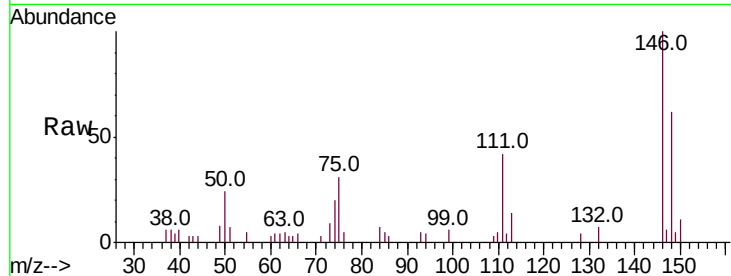
#12
 1,3-Dichlorobenzene
 Concen: 2.762 ng
 RT: 6.94 min Scan# 783
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

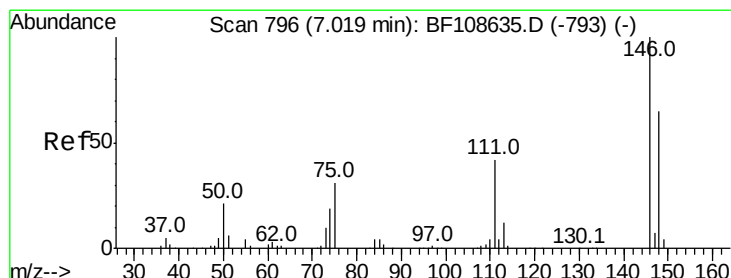
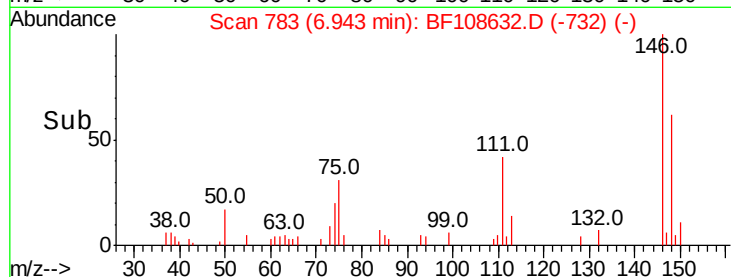
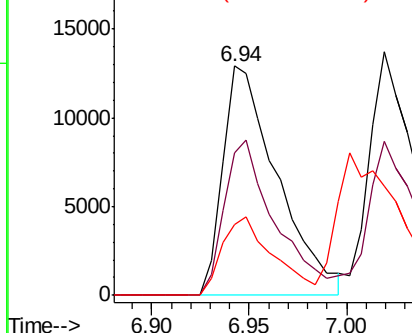
Tot Ion	Ratio	Lower	Upper
146	100		
148	62.0	51.8	77.8
75	30.9	24.2	36.4

Manual Integrations
 APPROVED

Sohil
 8/31/2018 12:17:46 PM

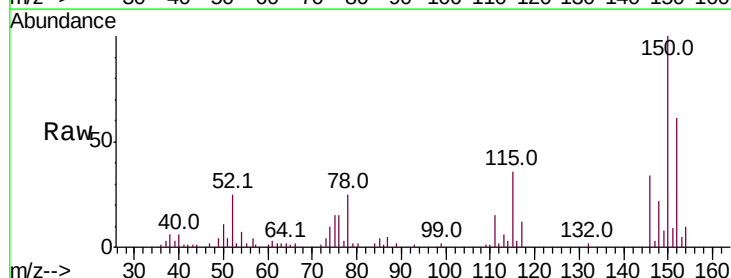


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 75.00 (74.70 to 75.70): BF1

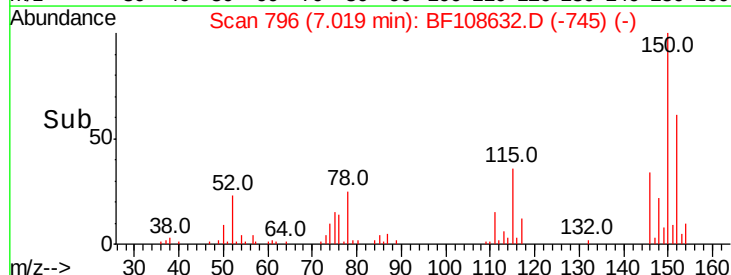
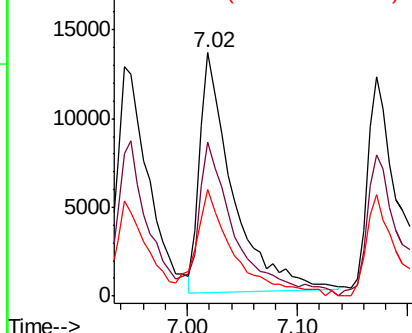


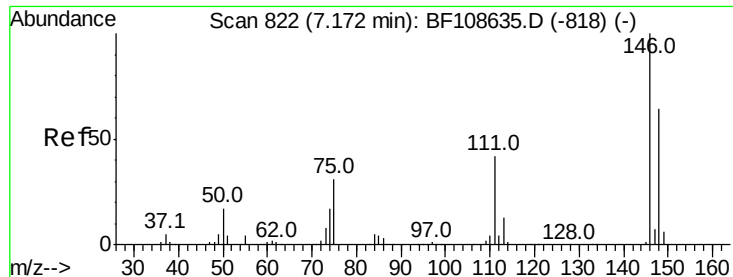
#13
 1,4-Dichlorobenzene
 Concen: 3.036 ng
 RT: 7.02 min Scan# 796
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.8	76.2
111	43.9	34.2	51.2



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





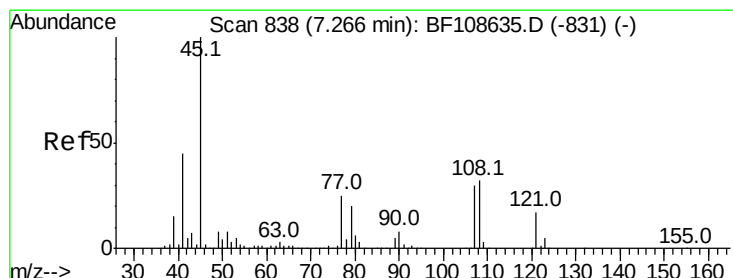
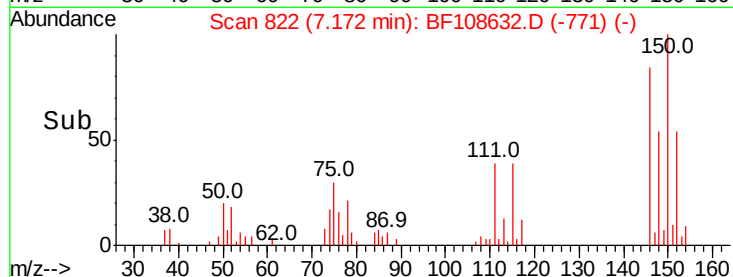
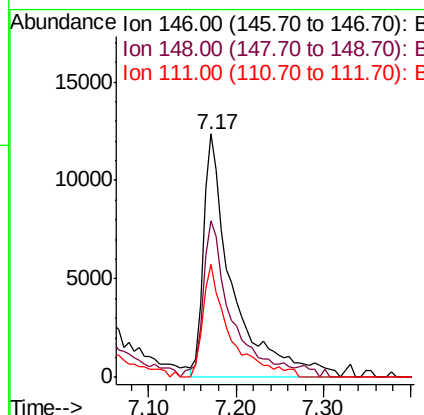
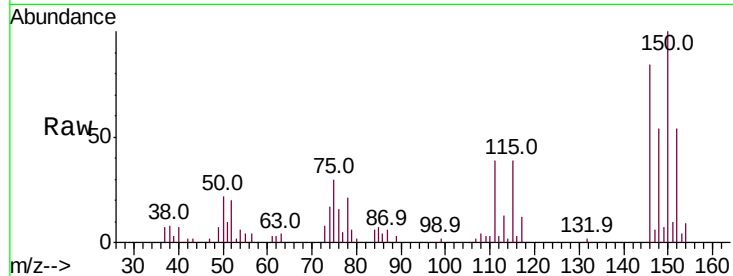
#14
 1,2-Dichlorobenzene
 Concen: 3.354 ng
 RT: 7.17 min Scan# 822
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	75.8
111	46.4	36.0	54.0

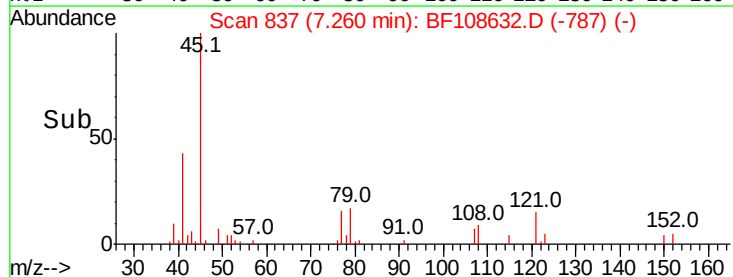
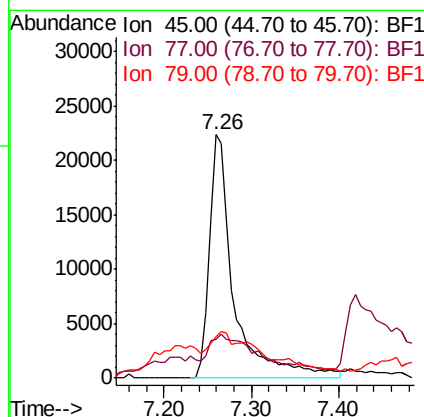
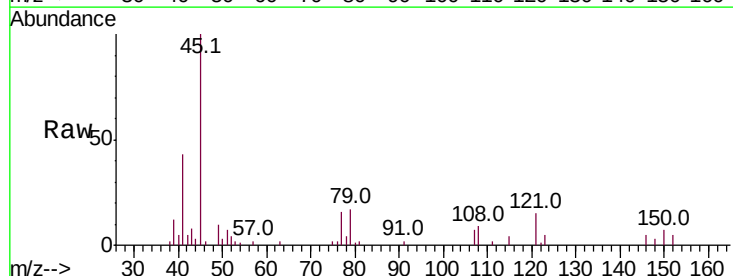
Manual Integrations
 APPROVED

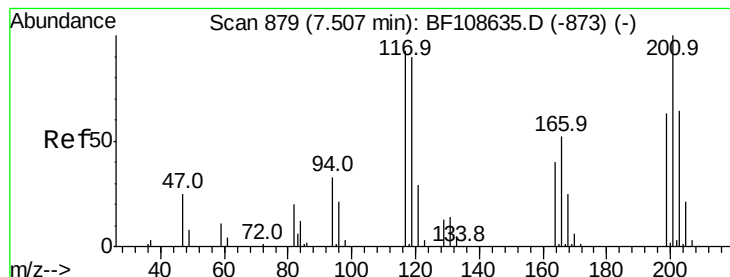
Sohil
 8/31/2018 12:17:46 PM



#16
 2,2'-oxybis(1-Chloropropane)
 Concen: 2.726 ng
 RT: 7.26 min Scan# 837
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.1	0.0	32.9
79	17.0	0.0	29.6





#18

Hexachloroethane

Concen: 3.024 ng

RT: 7.50 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

ClientSampled :

SSTDICC2.5

Tot Ion: 117 Resp: 9825

Ion Ratio Lower Upper

117 100

119 100.4 75.8 113.8

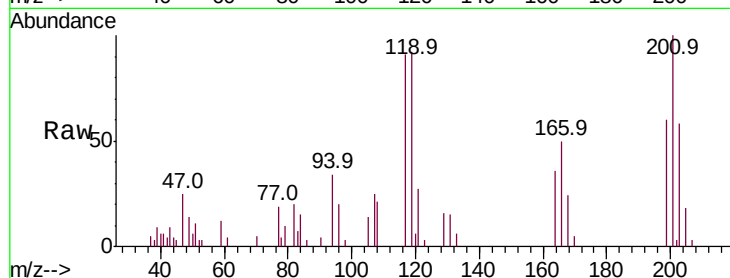
201 109.3 75.7 113.5

Manual Integrations

APPROVED

Sohil

8/31/2018 12:17:46 PM

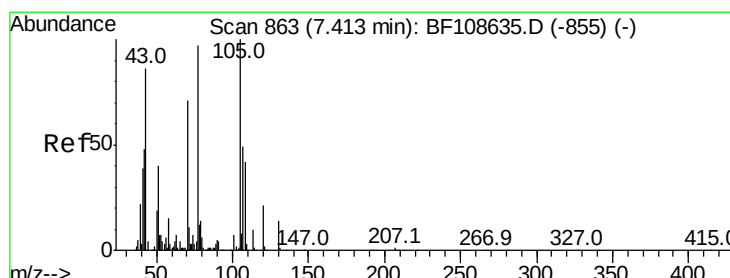
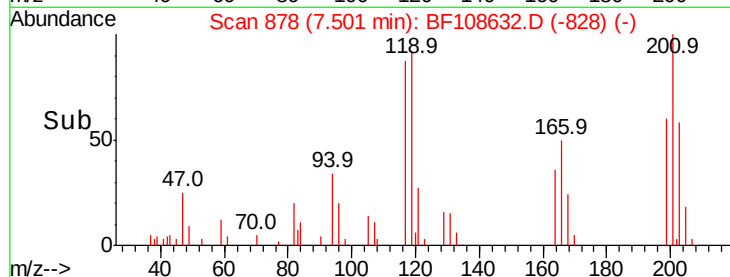
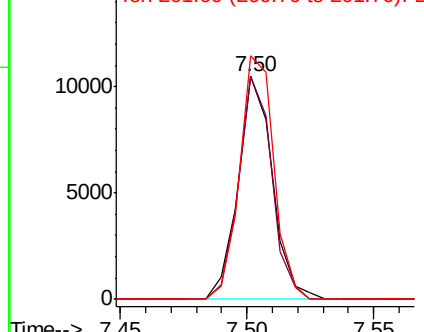


Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



#19

n-Nitroso-di-n-propylamine

Concen: 2.557 ng

RT: 7.40 min Scan# 860

Delta R.T. -0.02 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Tgt Ion: 70 Resp: 16026

Ion Ratio Lower Upper

70 100

42 65.2 47.5 71.3

101 9.3 7.4 11.2

130 18.0 16.6 25.0

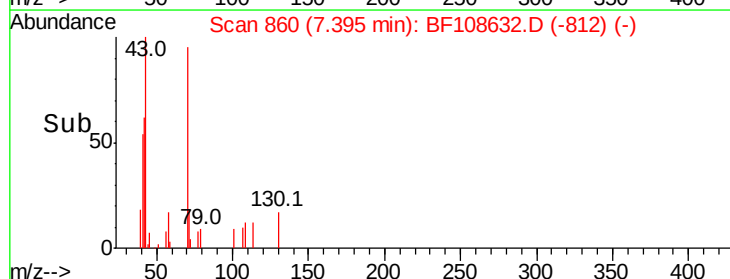
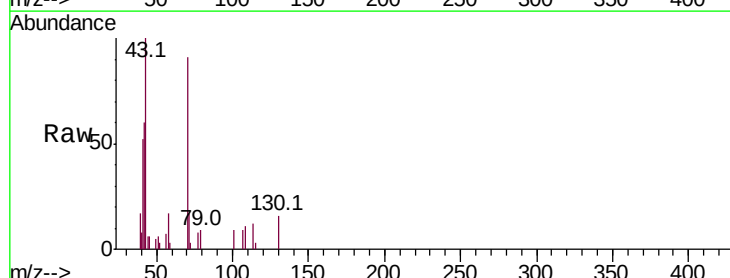
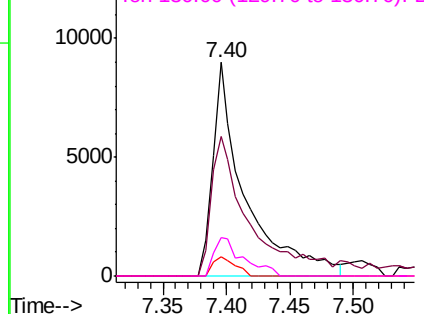
Abundance

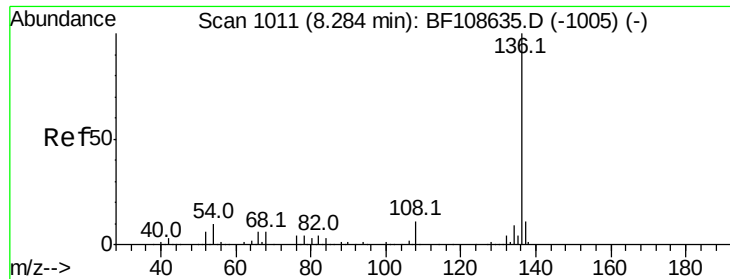
Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





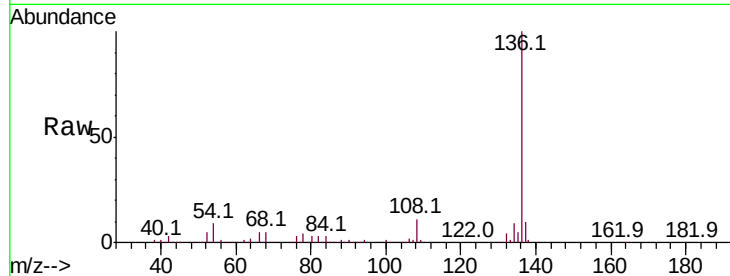
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.28 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.5	8.9	13.3	
54	9.4	6.6	9.8	
68	5.4	5.0	7.4	

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM



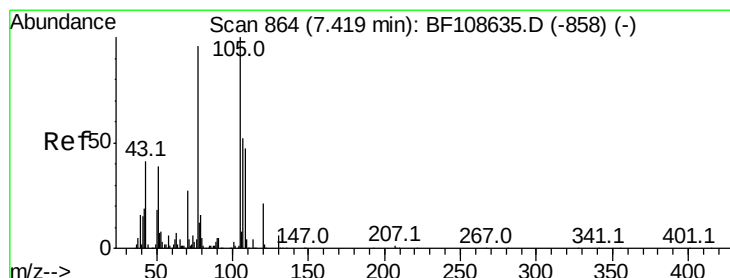
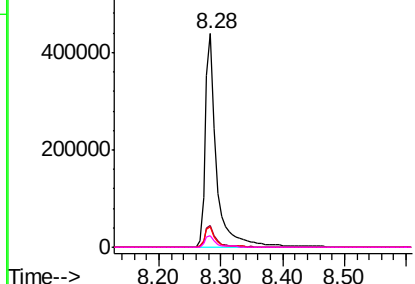
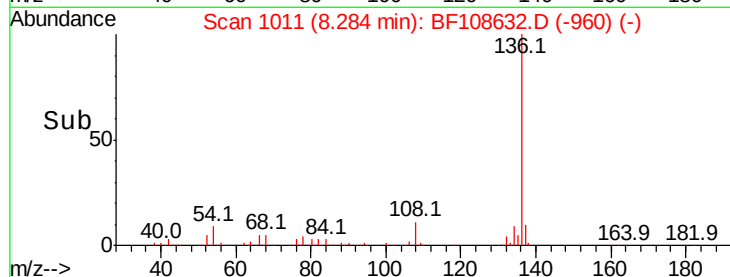
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

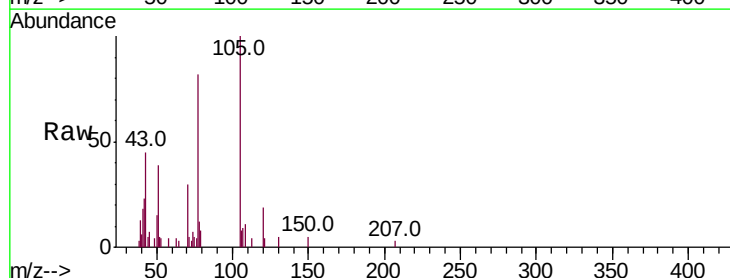
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 2.640 ng m
RT: 7.42 min Scan# 864
Delta R.T. 0.00 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.7	4.4	6.6	
51	39.2	22.3	33.5	
120	18.7	16.9	25.3	



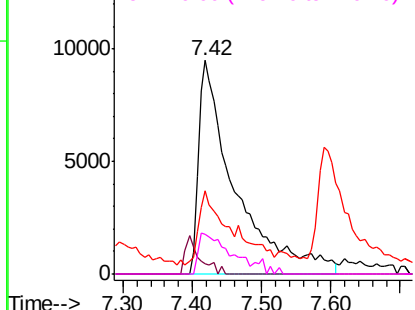
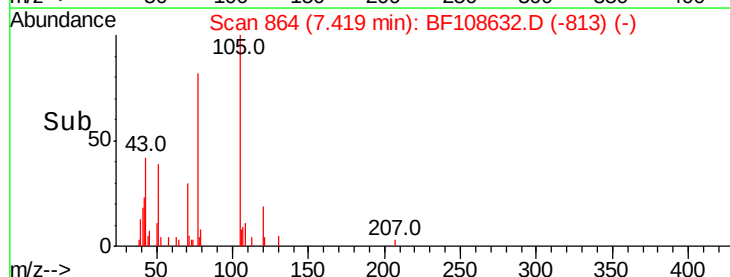
Abundance

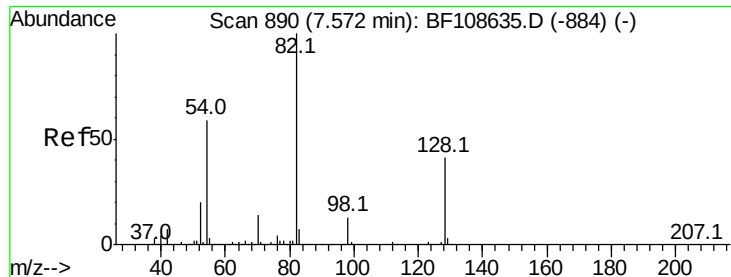
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





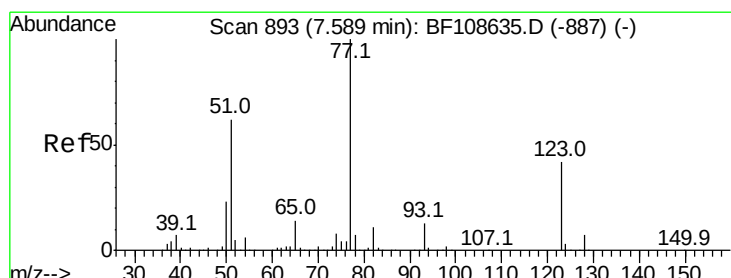
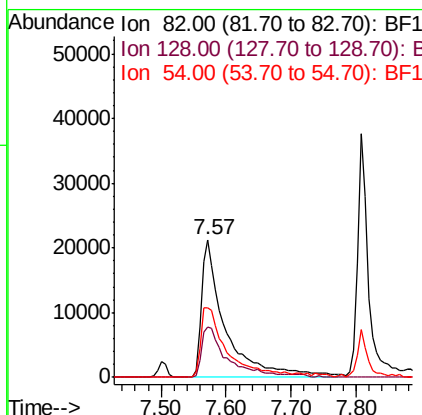
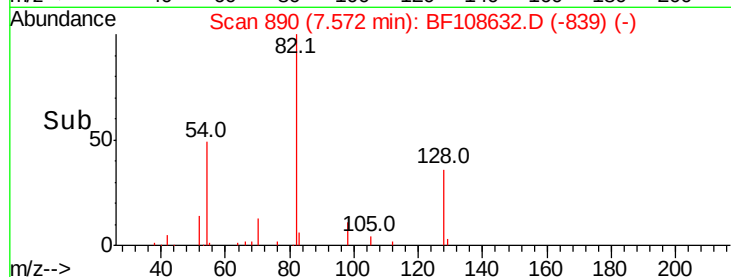
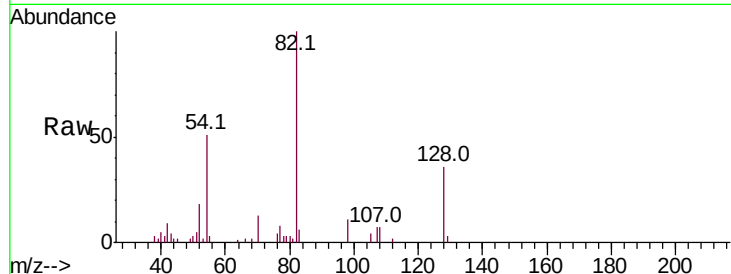
#23
 Nitrobenzene-d5
 Concen: 5.335 ng
 RT: 7.57 min Scan# 890
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	36.5	36.1	54.1
54	51.0	41.4	62.2

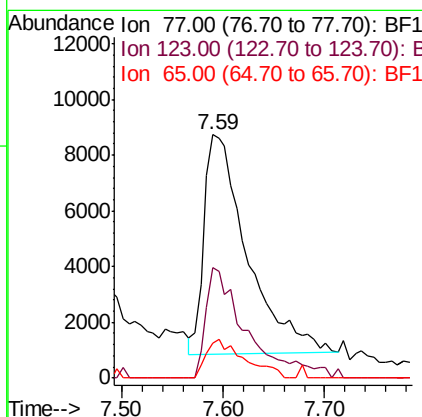
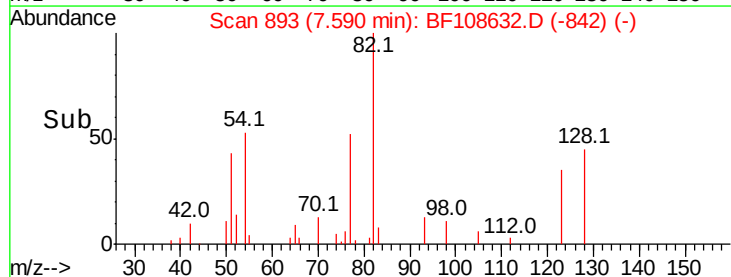
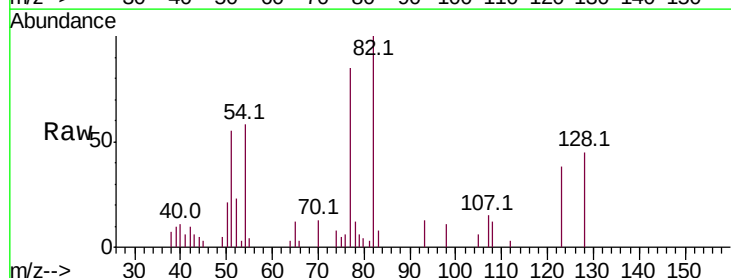
Manual Integrations
 APPROVED

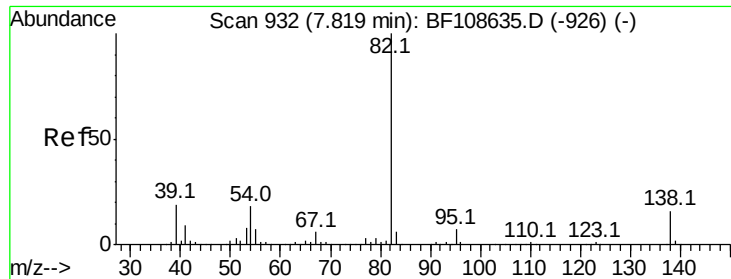
Sohil
 8/31/2018 12:17:46 PM



#24
 Nitrobenzene
 Concen: 2.281 ng
 RT: 7.59 min Scan# 893
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.1	37.9	56.9
65	14.4	11.0	16.4





#25

Isophorone

Concen: 2.151 ng

RT: 7.81 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

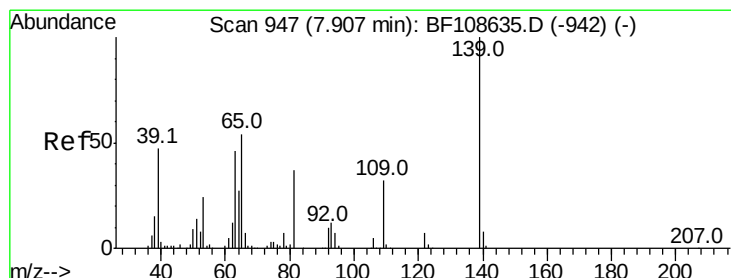
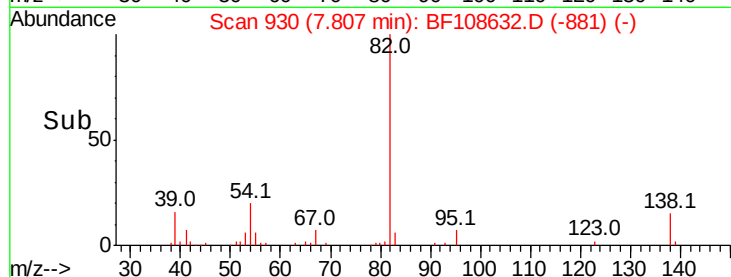
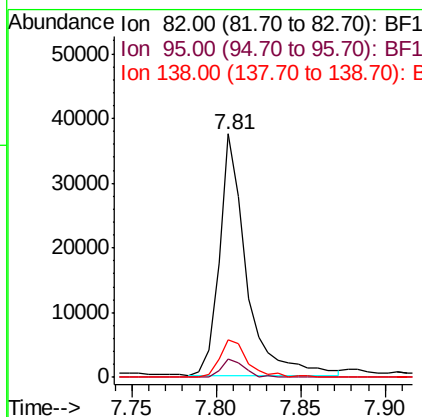
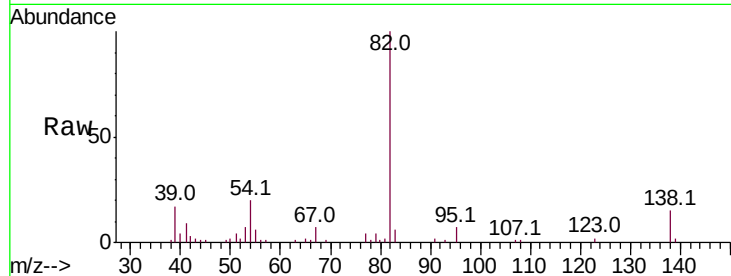
ClientSampleId :

SSTDICC2.5

Tot Ion:	82	Resp:	41217
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	15.3	14.9	22.3

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM



#26

2-Nitrophenol

Concen: 2.671 ng

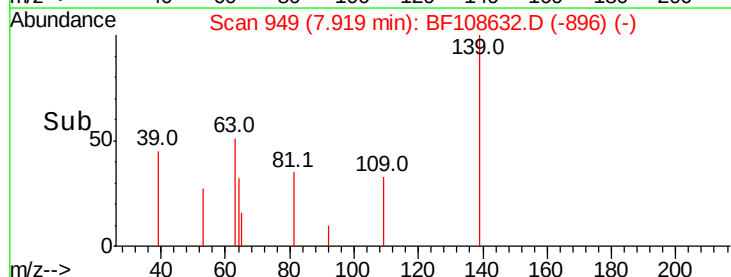
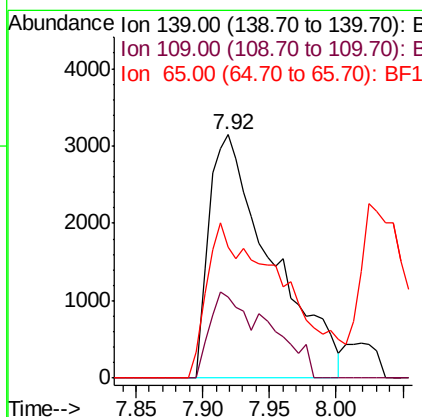
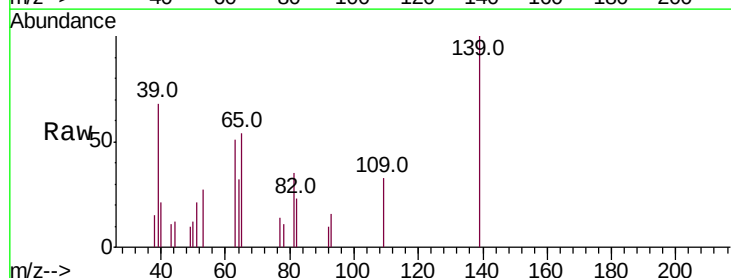
RT: 7.92 min Scan# 949

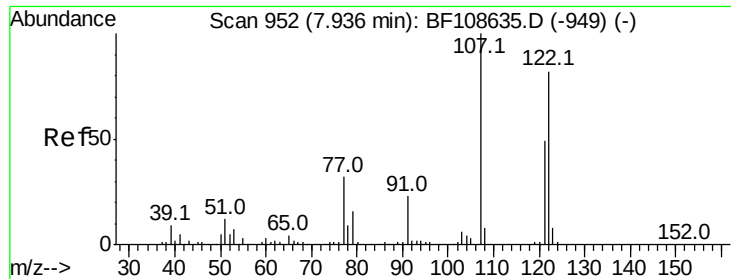
Delta R.T. 0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Tgt Ion:	139	Resp:	10254
Ion Ratio	Lower	Upper	
139	100		
109	33.5	22.7	34.1
65	53.6	40.5	60.7





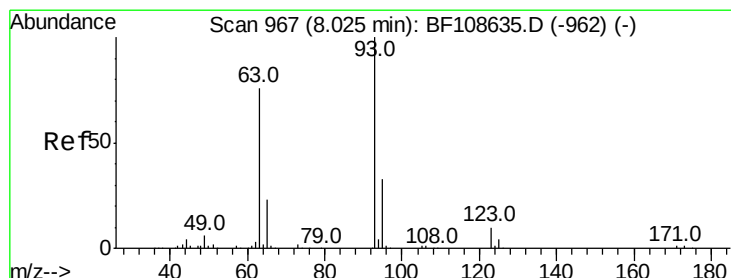
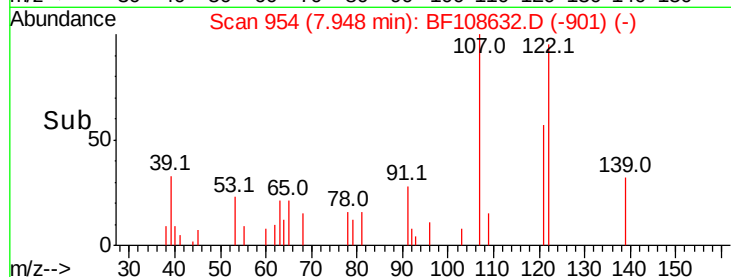
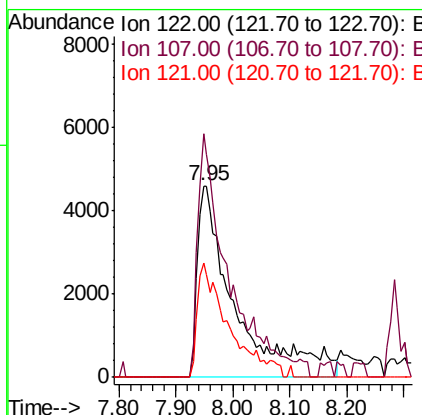
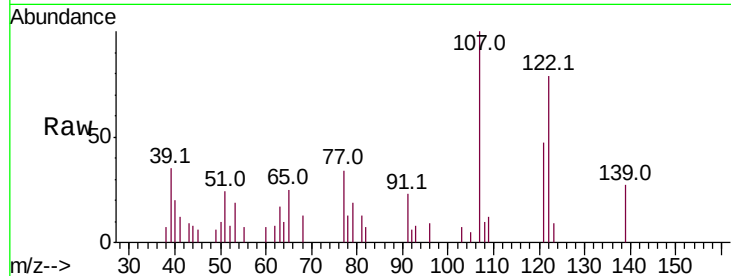
#27
 2,4-Dimethylphenol
 Concen: 2.469 ng m
 RT: 7.95 min Scan# 954
 Delta R.T. 0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
122	100		
107	127.0	91.2	136.8
121	59.9	47.2	70.8

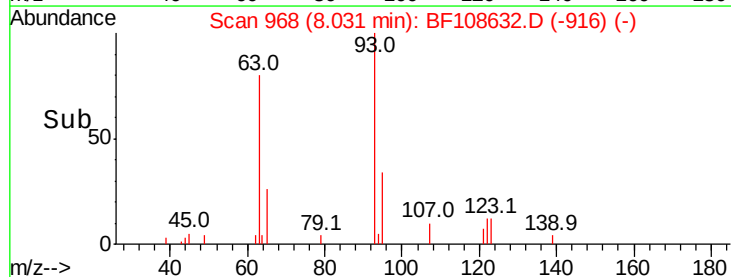
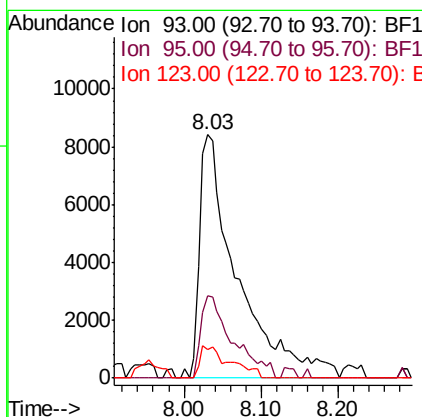
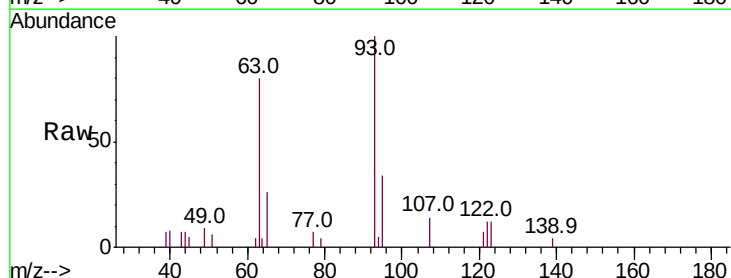
Manual Integrations
 APPROVED

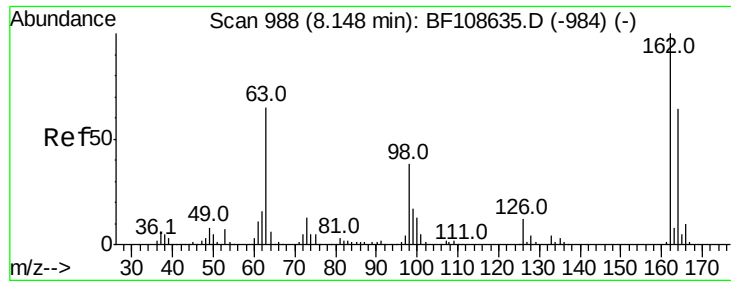
Sohil
 8/31/2018 12:17:46 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 2.535 ng m
 RT: 8.03 min Scan# 968
 Delta R.T. 0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.0	26.3	39.5
123	11.7	9.8	14.6





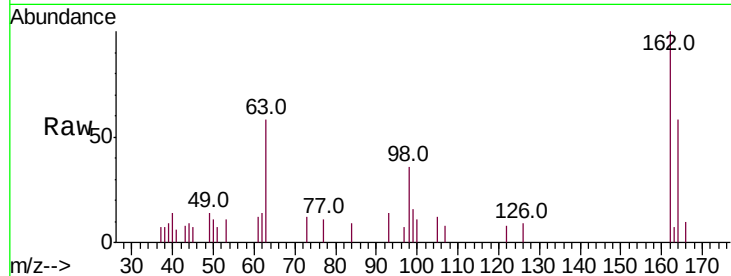
#29
2,4-Dichlorophenol
Concen: 2.582 ng
RT: 8.17 min Scan# 992
Delta R.T. 0.02 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

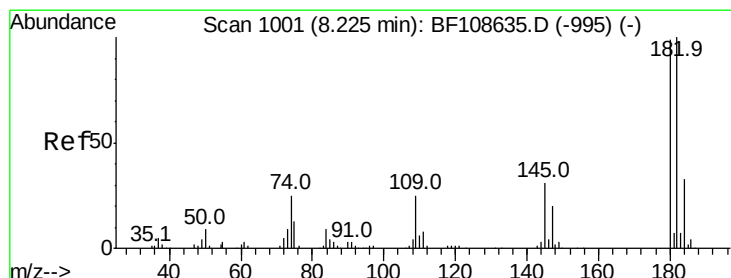
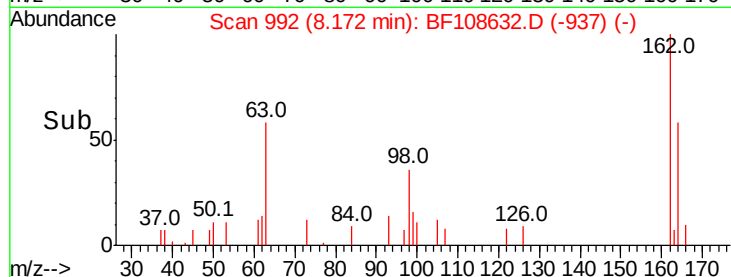
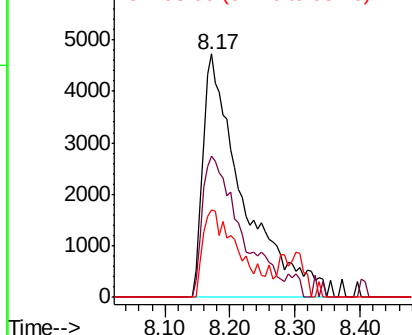
Tot Ion:	162	Resp:	20210
Ion Ratio	Lower	Upper	
162	100		
164	58.2	42.7	82.7
98	36.1	18.1	58.1

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM

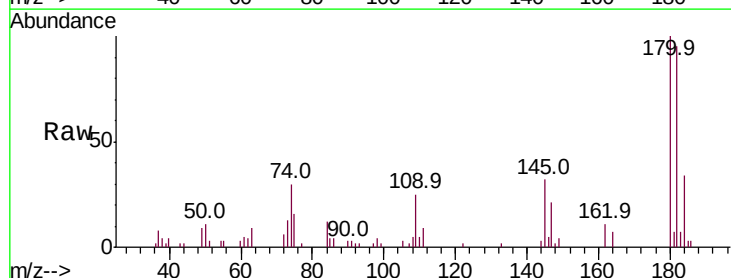


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

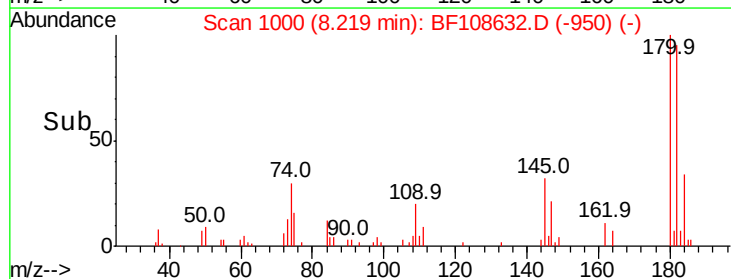
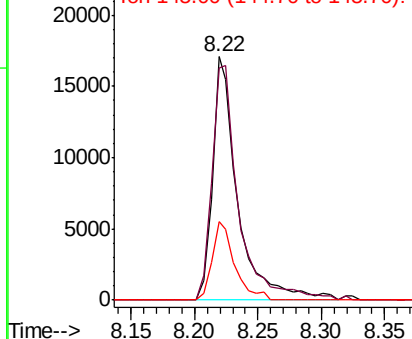


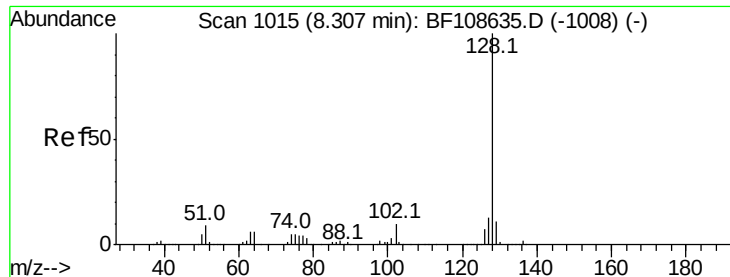
#30
1,2,4-Trichlorobenzene
Concen: 2.759 ng
RT: 8.22 min Scan# 1000
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion:	180	Resp:	23807
Ion Ratio	Lower	Upper	
180	100		
182	95.1	76.8	115.2
145	32.4	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





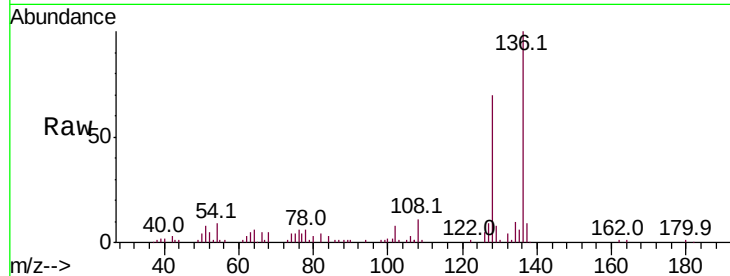
#31
Naphthalene
Concen: 2.643 ng m
RT: 8.30 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

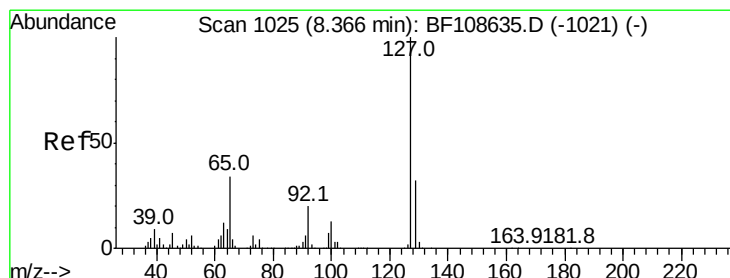
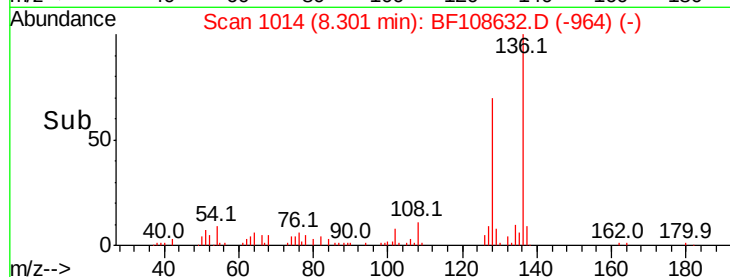
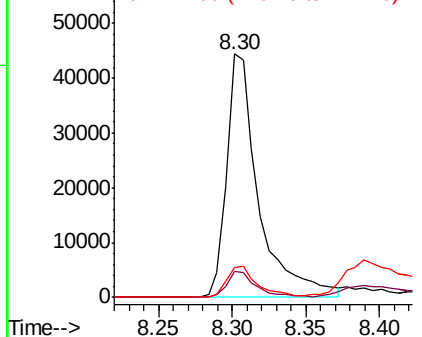
Tot Ion:	128	Resp:	67430
Ion Ratio	Lower	Upper	
128	100		
129	10.8	8.8	13.2
127	12.4	10.9	16.3

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM



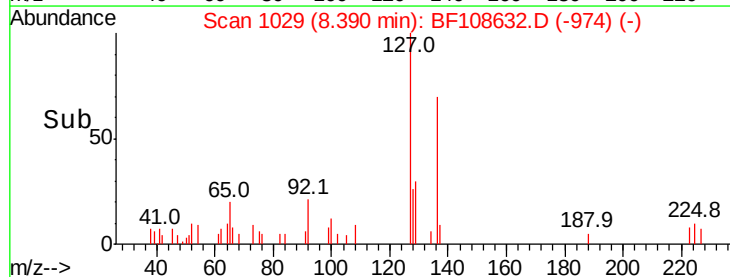
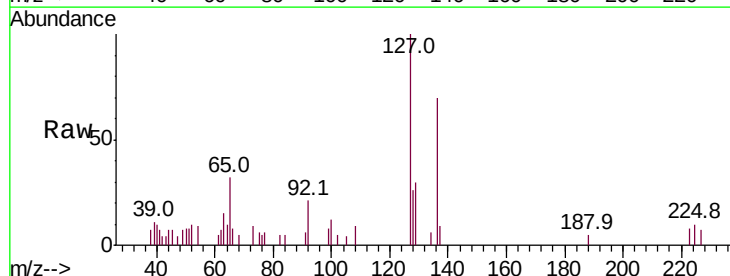
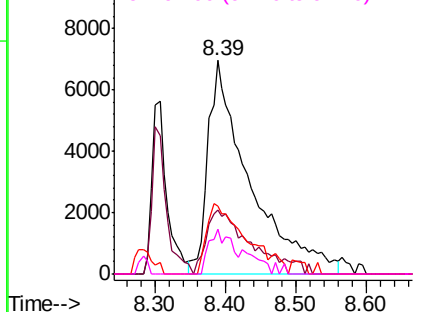
Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

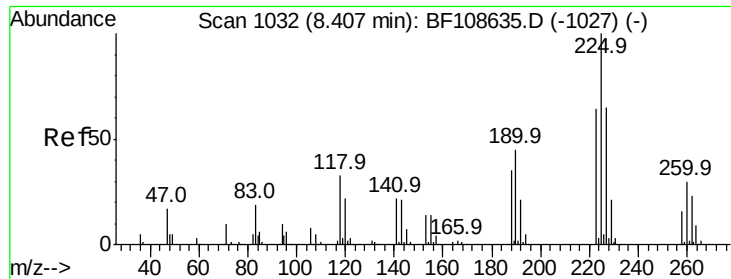


#33
4-Chloroaniline
Concen: 2.570 ng
RT: 8.39 min Scan# 1029
Delta R.T. 0.02 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion:	127	Resp:	28566
Ion Ratio	Lower	Upper	
127	100		
129	29.8	25.9	38.9
65	31.7	25.0	37.4
92	21.1	15.2	22.8

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





#34

Hexachlorobutadiene

Concen: 2.971 ng

RT: 8.41 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

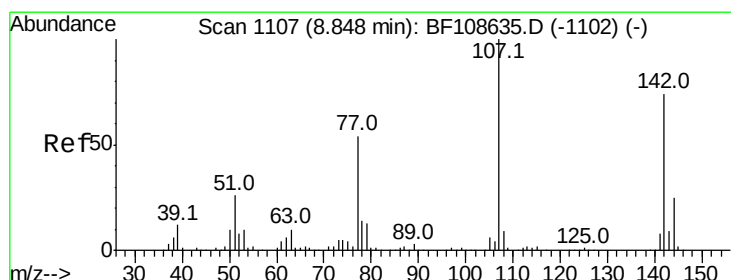
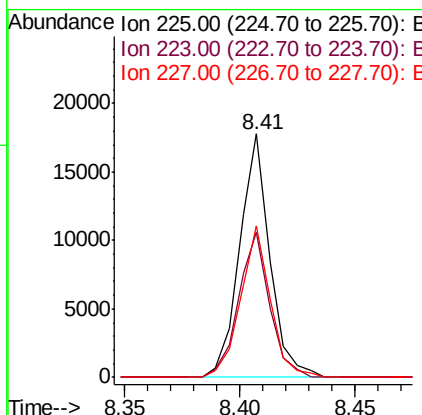
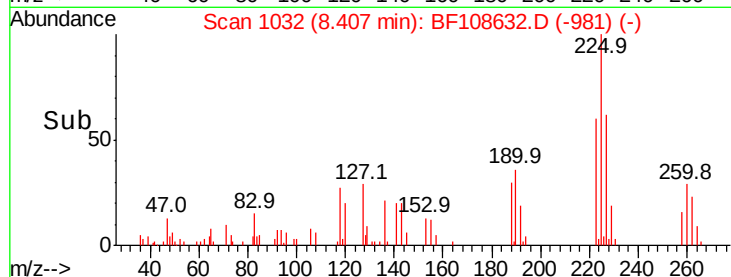
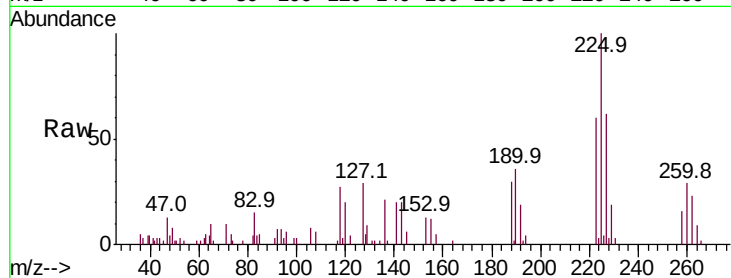
ClientSampleId :

SSTDICC2.5

Tot Ion:	225	Resp:	16226
Ion Ratio	Lower	Upper	
225	100		
223	59.6	50.6	76.0
227	62.4	51.9	77.9

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM



#36

4-Chloro-3-methylphenol

Concen: 2.627 ng

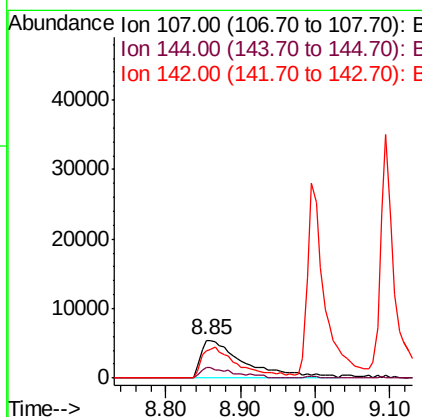
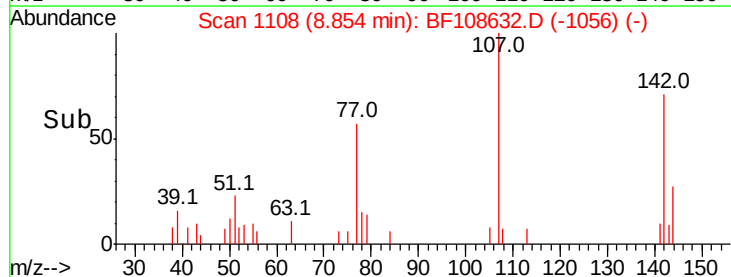
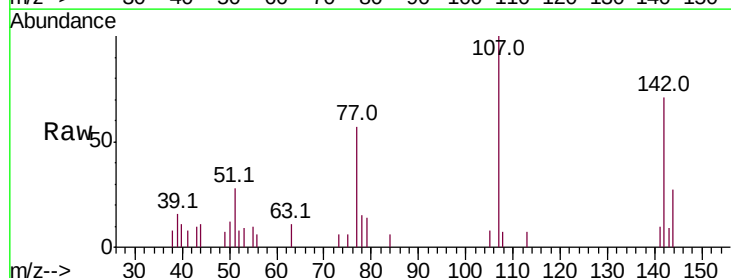
RT: 8.85 min Scan# 1108

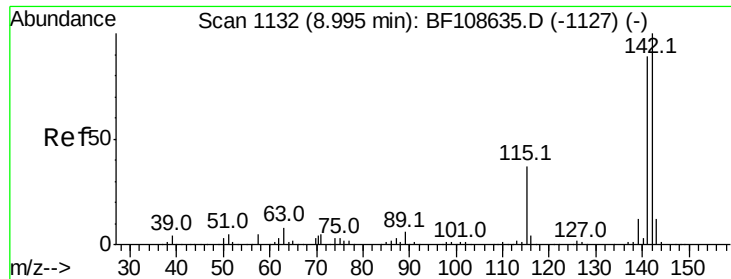
Delta R.T. 0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Tgt Ion:	107	Resp:	22178
Ion Ratio	Lower	Upper	
107	100		
144	26.9	20.5	30.7
142	71.2	62.0	93.0





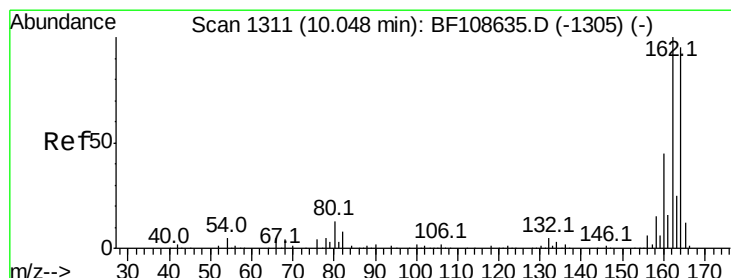
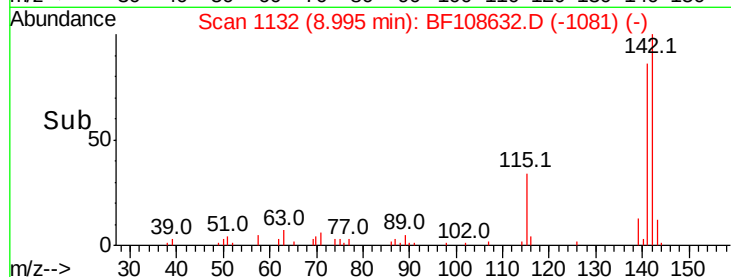
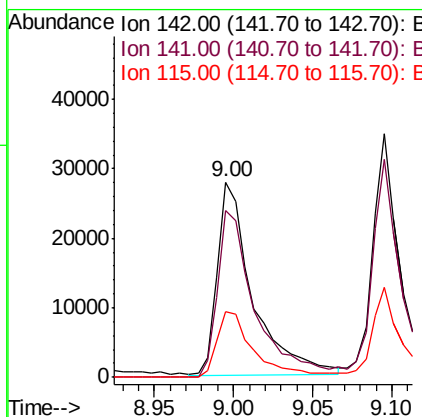
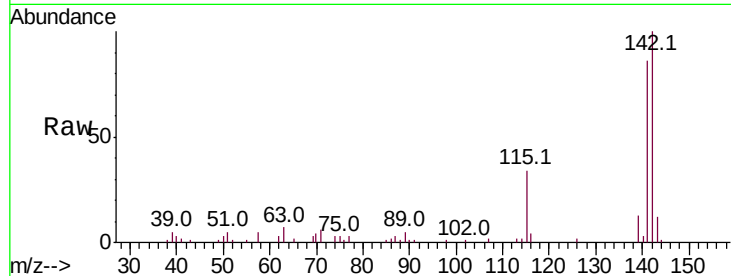
#37
2-Methylnaphthalene
Concen: 2.390 ng
RT: 9.00 min Scan# 1132
Delta R.T. 0.00 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.6	70.8	106.2
115	33.8	26.1	39.1

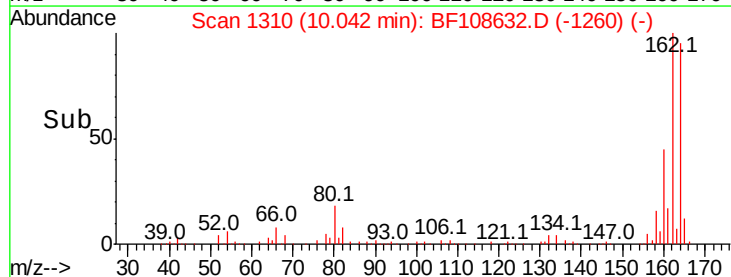
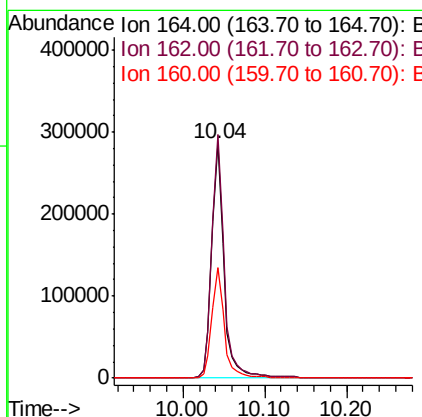
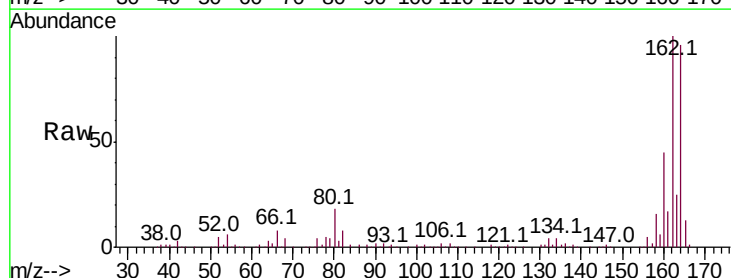
Manual Integrations
APPROVED

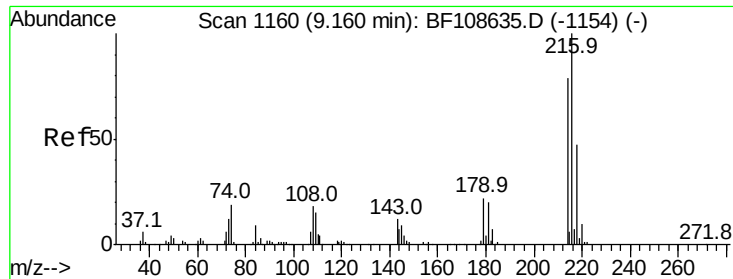
Sohil
8/31/2018 12:17:46 PM



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.04 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.9	86.1	129.1
160	47.0	38.3	57.5





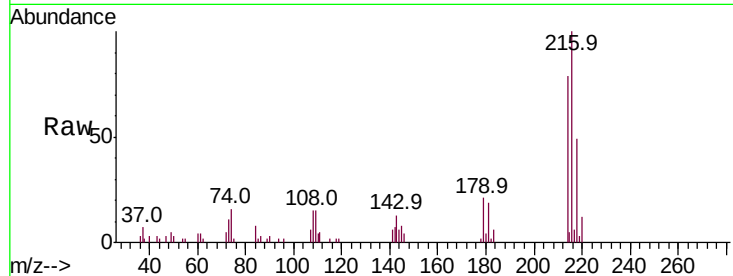
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.817 ng
 RT: 9.16 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

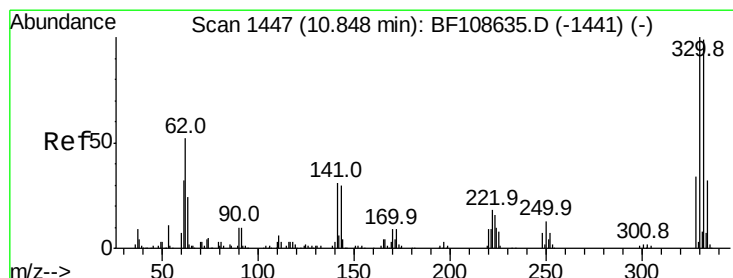
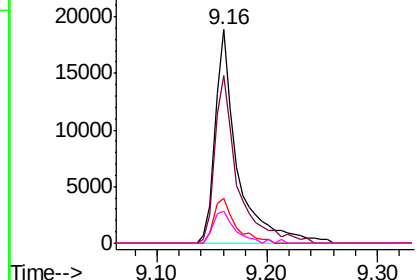
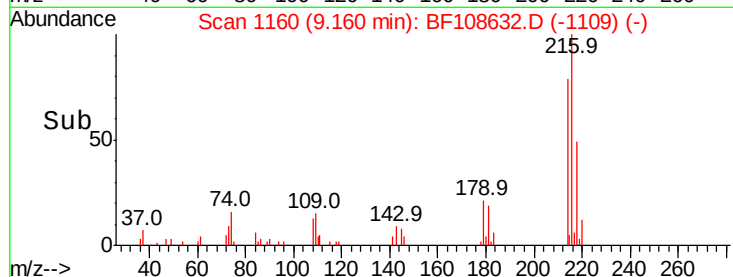
Tot Ion	Ratio	Resp	Lower	Upper
216	100	26163		
214	79.7		63.0	94.4
179	20.2		18.1	27.1
108	14.5		17.2	25.8#

Manual Integrations
 APPROVED

Sohil
 8/31/2018 12:17:46 PM

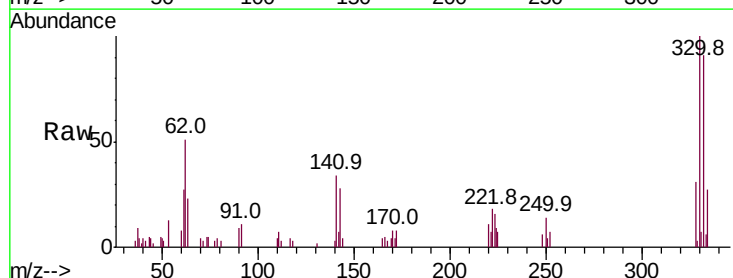


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

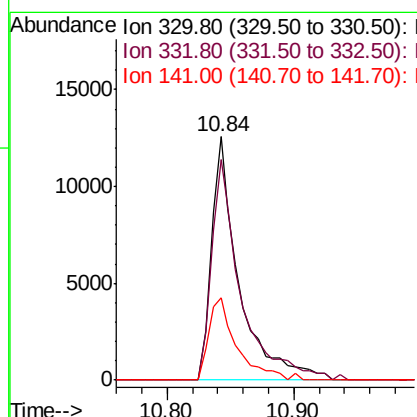
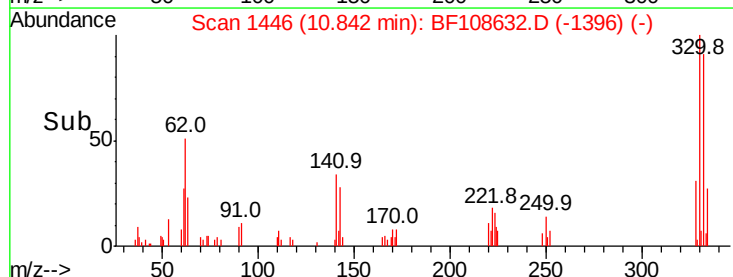


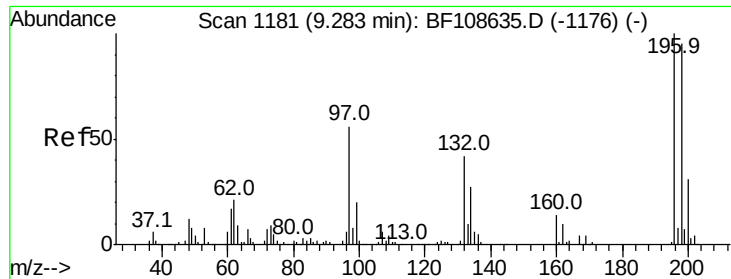
#41
 2,4,6-Tribromophenol
 Concen: 6.293 ng
 RT: 10.84 min Scan# 1446
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	18985		
332	96.5		77.0	115.6
141	34.6		29.9	44.9



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





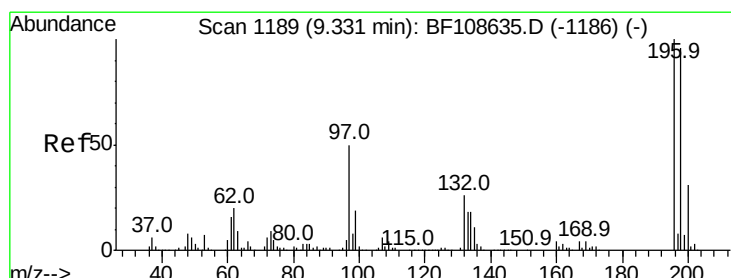
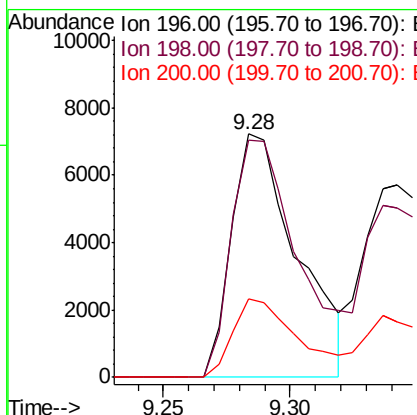
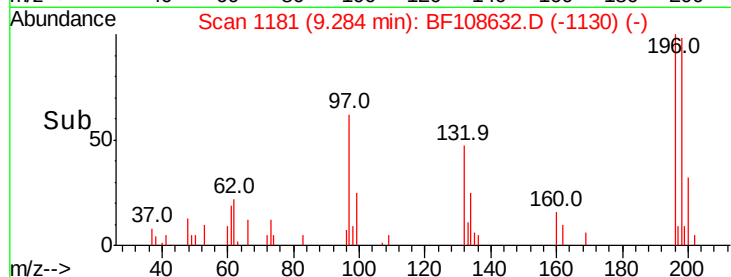
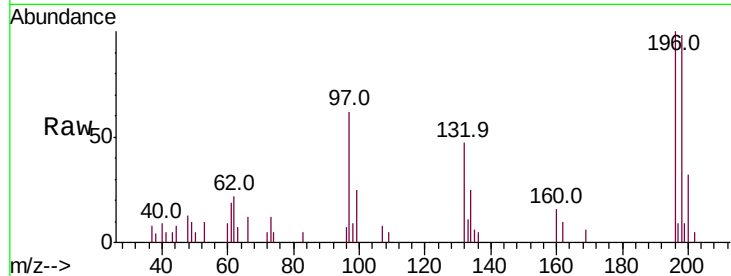
#42
 2,4,6-Trichlorophenol
 Concen: 2.265 ng
 RT: 9.28 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion:	196	Resp:	13056
Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.7	113.5
200	32.3	24.5	36.7

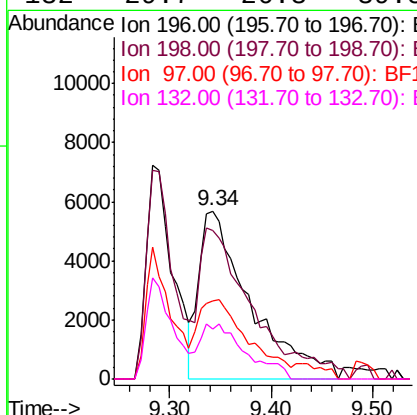
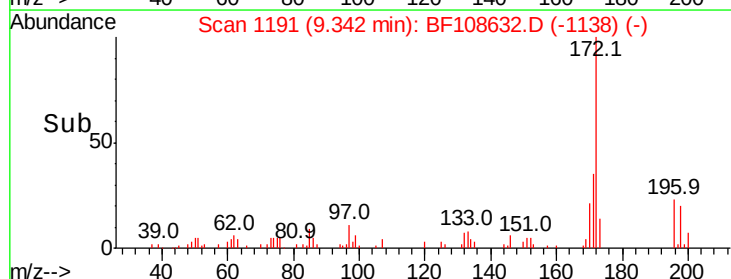
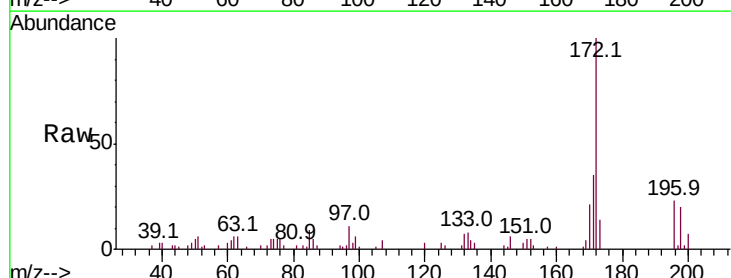
Manual Integrations
 APPROVED

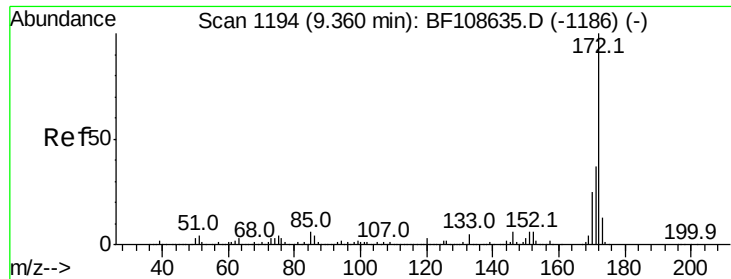
Sohil
 8/31/2018 12:17:46 PM



#43
 2,4,5-Trichlorophenol
 Concen: 3.154 ng
 RT: 9.34 min Scan# 1191
 Delta R.T. 0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:	196	Resp:	20015
Ion	Ratio	Lower	Upper
196	100		
198	88.1	74.6	112.0
97	46.3	42.9	64.3
132	29.7	26.3	39.5





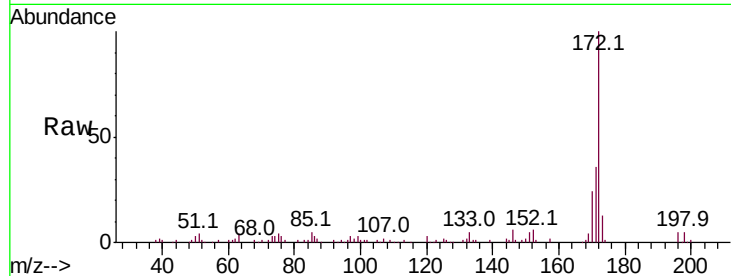
#44
2-Fluorobiphenyl
Concen: 6.541 ng
RT: 9.35 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

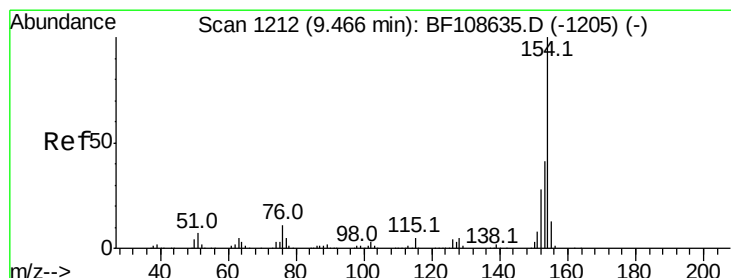
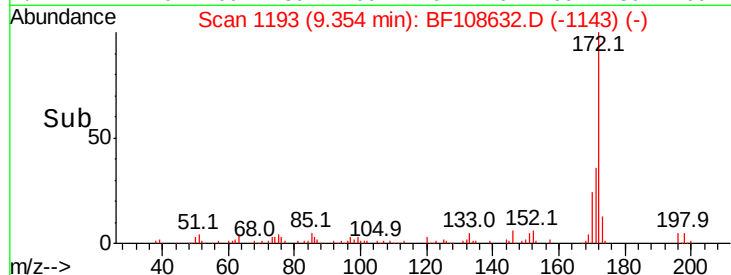
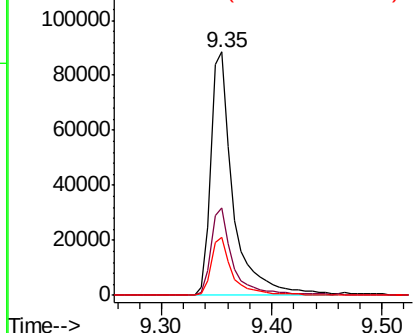
Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.7	44.5	
170	23.8	19.6	29.4	

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM



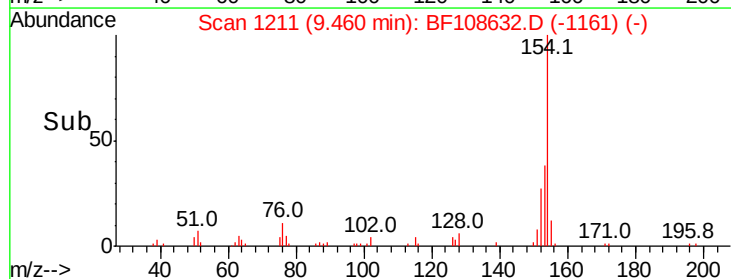
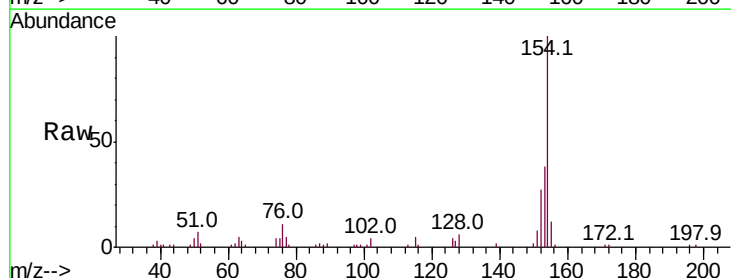
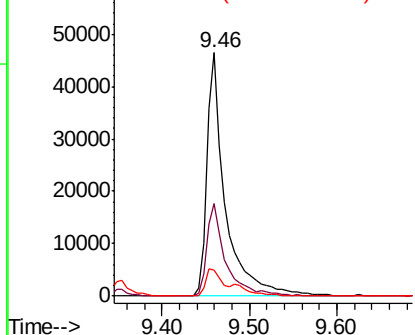
Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

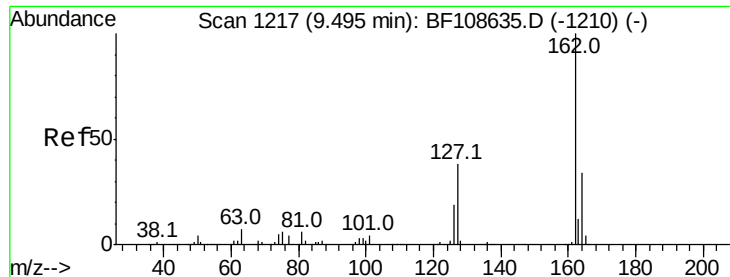


#45
1,1'-Biphenyl
Concen: 3.050 ng
RT: 9.46 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	38.0	21.3	61.3	
76	10.9	0.0	34.0	

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





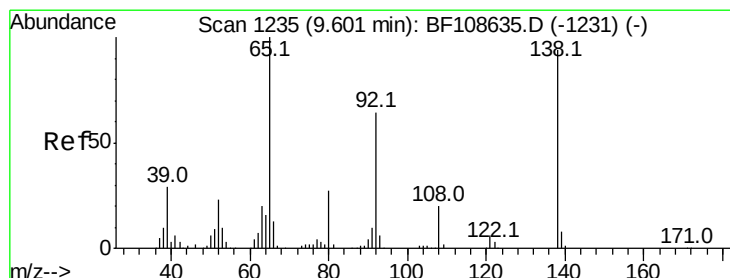
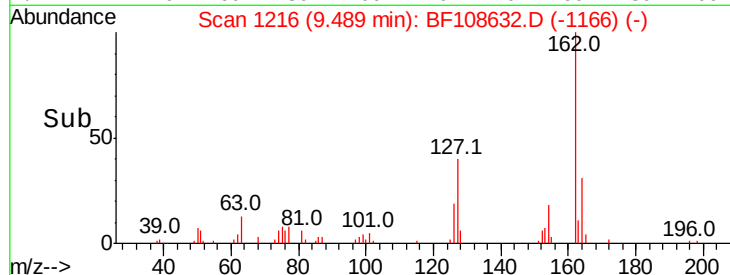
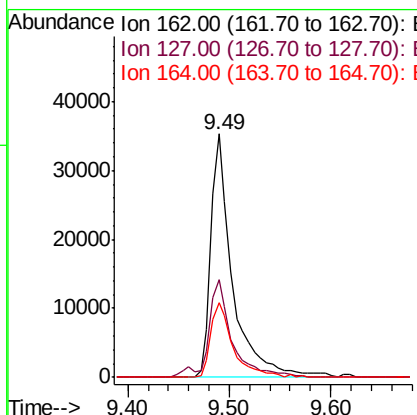
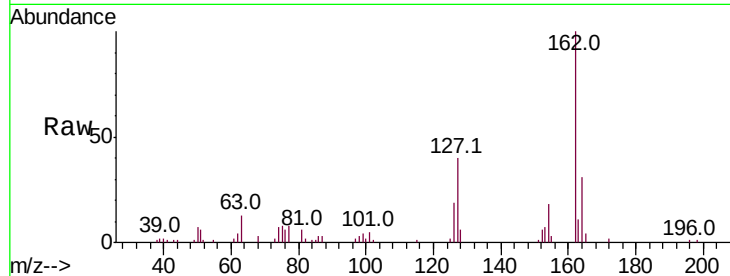
#46
 2-Chloronaphthalene
 Concen: 2.977 ng
 RT: 9.49 min Scan# 1216
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion:	162	Resp:	52466
Ion Ratio	Lower	Upper	
162	100		
127	40.1	33.9	50.9
164	30.9	26.5	39.7

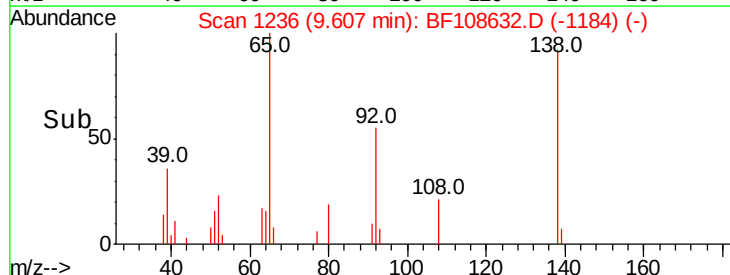
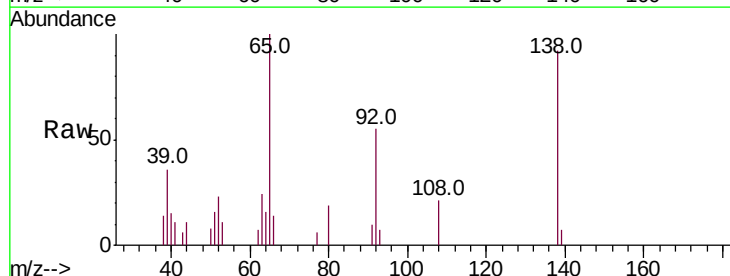
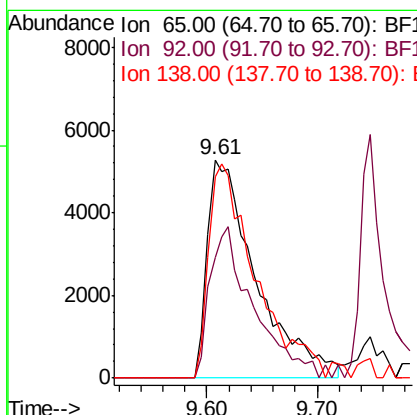
Manual Integrations
 APPROVED

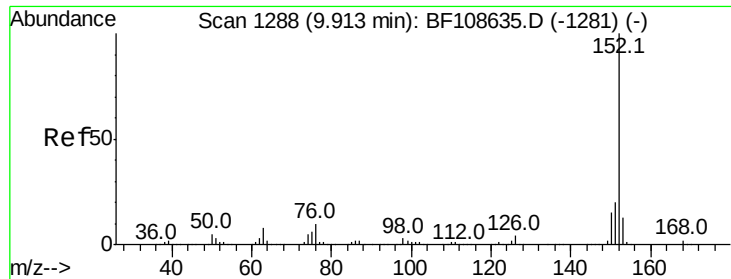
Sohil
 8/31/2018 12:17:46 PM



#47
 2-Nitroaniline
 Concen: 2.827 ng
 RT: 9.61 min Scan# 1236
 Delta R.T. 0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:	65	Resp:	16121
Ion Ratio	Lower	Upper	
65	100		
92	55.3	55.8	83.6#
138	92.3	91.2	136.8





#48

Acenaphthylene

Concen: 2.837 ng

RT: 9.91 min Scan# 1287

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

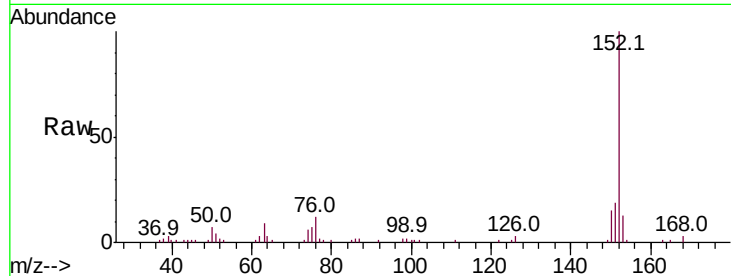
ClientSampleId :

SSTDICC2.5

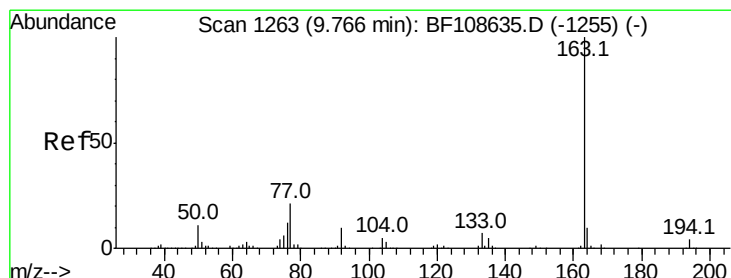
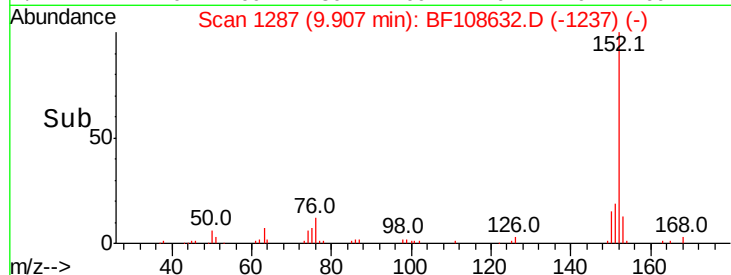
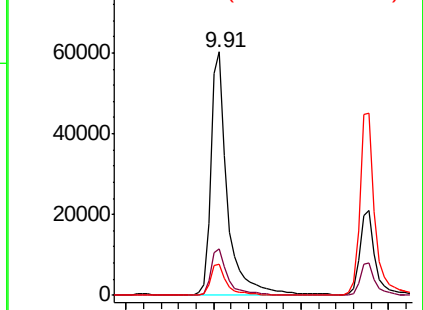
Tot Ion:	152	Resp:	79045
Ion Ratio	Lower	Upper	
152	100		
151	19.3	16.3	24.5
153	12.6	10.7	16.1

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#49

Dimethylphthalate

Concen: 2.794 ng

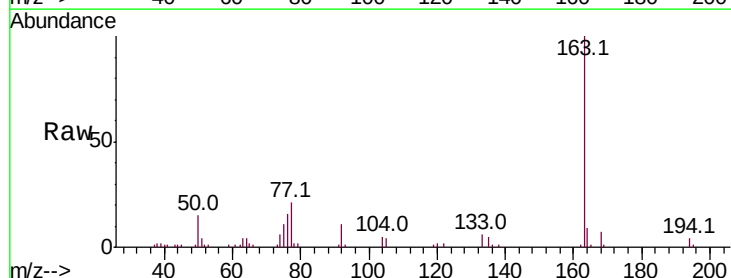
RT: 9.75 min Scan# 1260

Delta R.T. -0.02 min

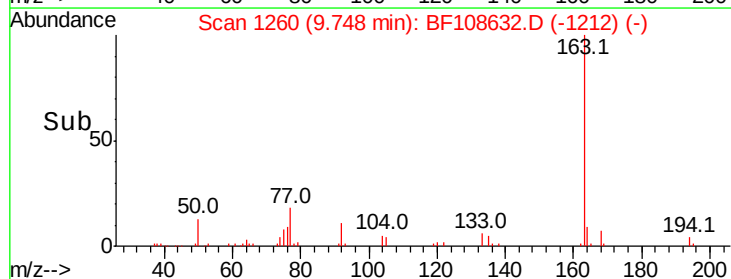
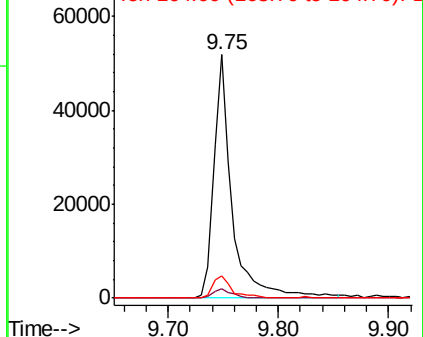
Lab File: BF108632.D

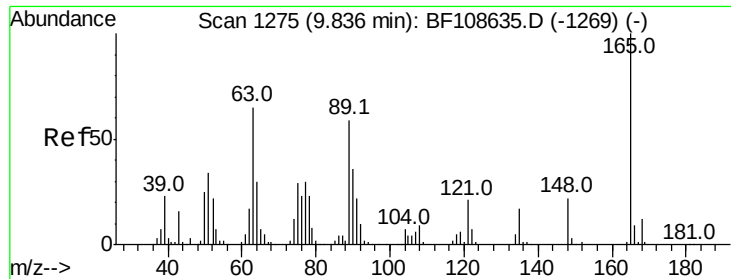
Acq: 30 Aug 2018 10:47

Tgt Ion:	163	Resp:	58863
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	9.3	8.2	12.2



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





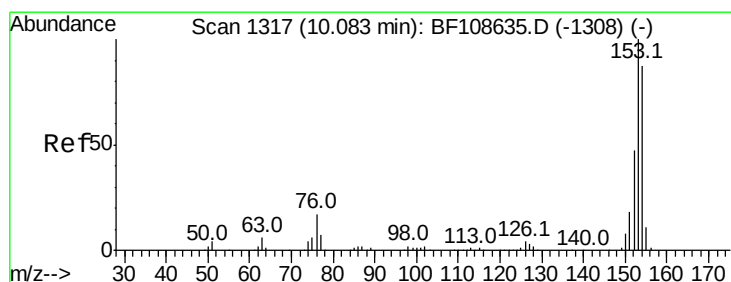
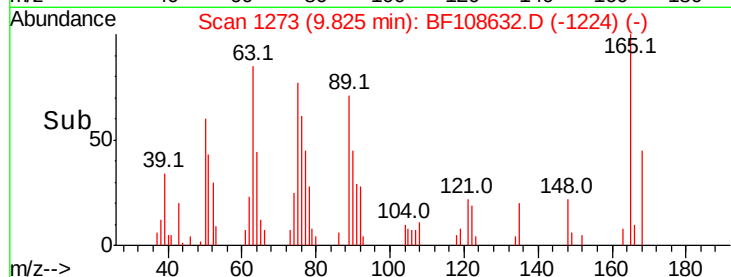
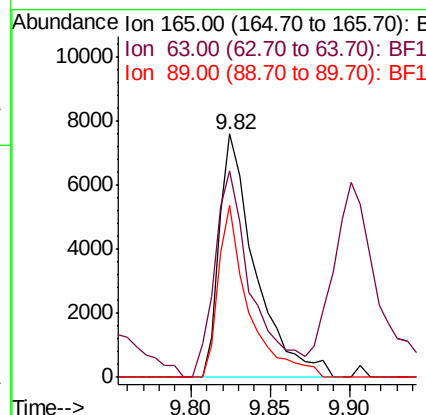
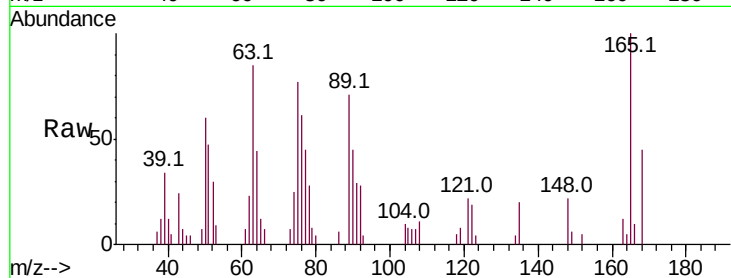
#50
 2,6-Dinitrotoluene
 Concen: 2.718 ng
 RT: 9.82 min Scan# 1273
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
165	100	11980		
63	85.0		44.7	67.1#
89	70.9		44.0	66.0#

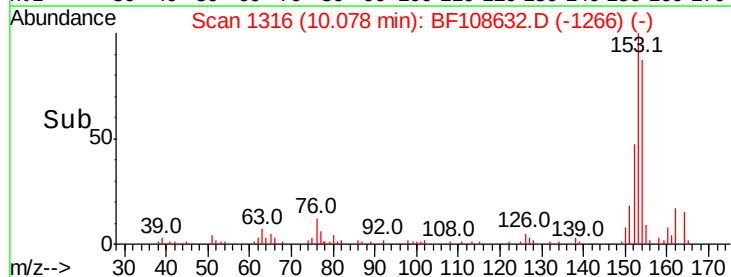
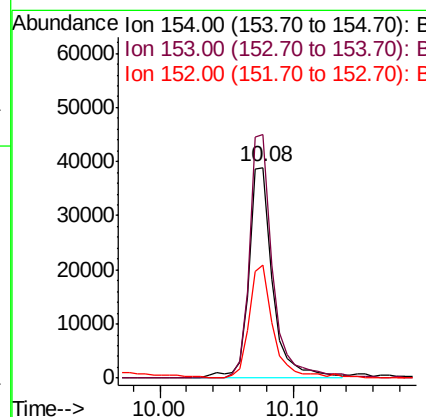
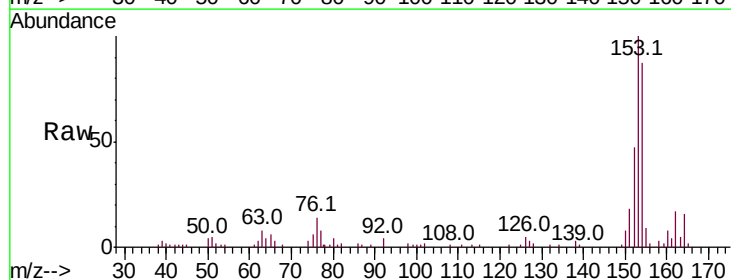
Manual Integrations
 APPROVED

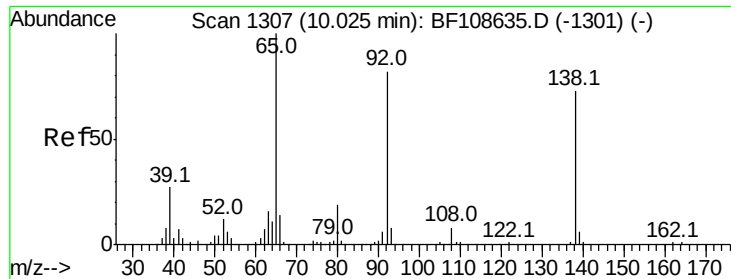
Sohil
 8/31/2018 12:17:46 PM



#51
 Acenaphthene
 Concen: 2.829 ng
 RT: 10.08 min Scan# 1316
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	48278		
153	115.5		91.2	136.8
152	53.8		43.8	65.8





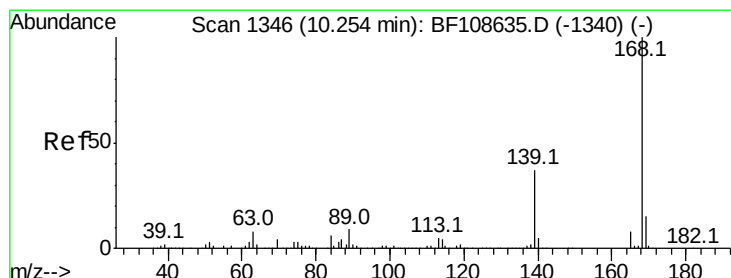
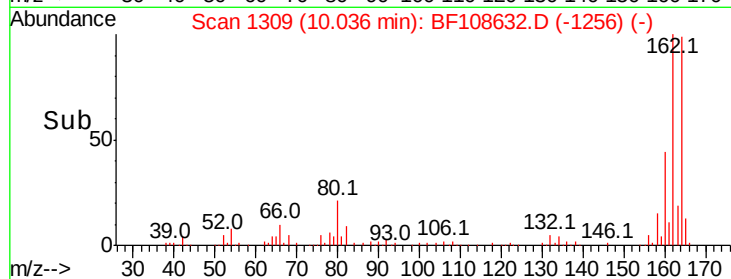
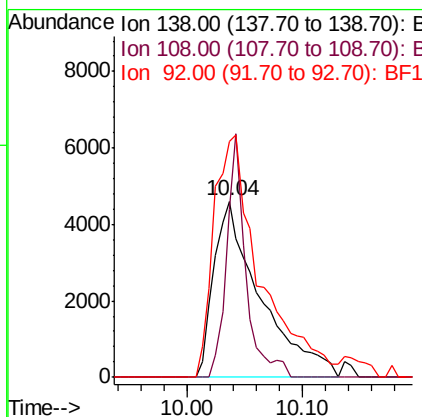
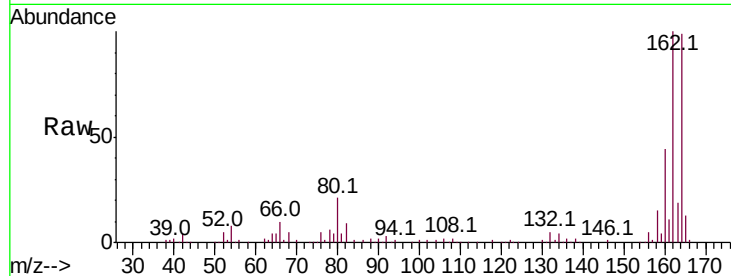
#52
 3-Nitroaniline
 Concen: 2.677 ng
 RT: 10.04 min Scan# 1309
 Delta R.T. 0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion:	138	Resp:	12909
Ion Ratio	Lower	Upper	
138	100		
108	95.4	9.4	14.0#
92	134.3	89.4	134.2#

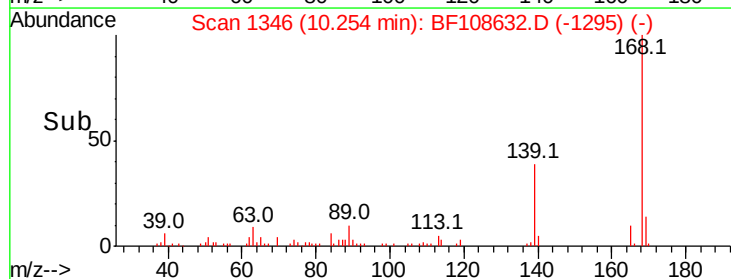
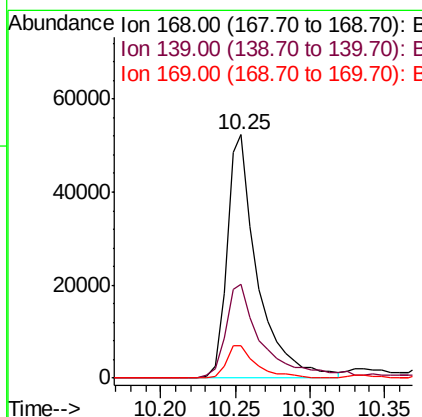
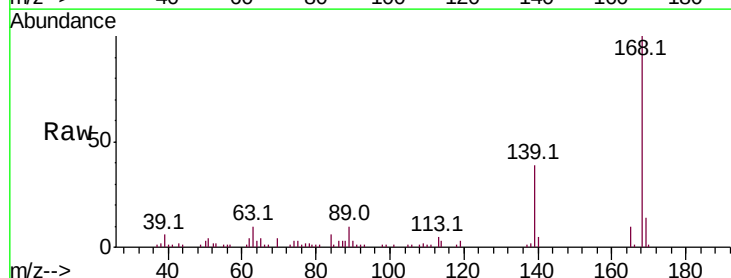
Manual Integrations
 APPROVED

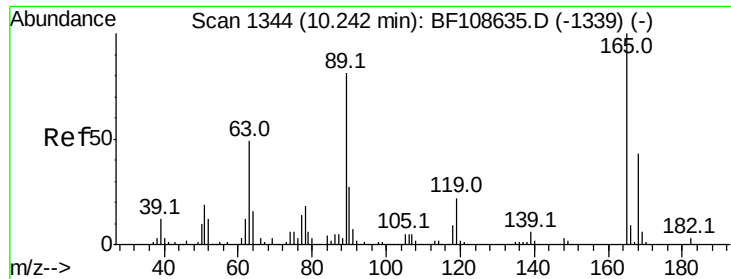
Sohil
 8/31/2018 12:17:46 PM



#54
 Dibenzofuran
 Concen: 3.018 ng
 RT: 10.25 min Scan# 1346
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:	168	Resp:	74628
Ion Ratio	Lower	Upper	
168	100		
139	38.6	30.1	45.1
169	13.5	10.9	16.3





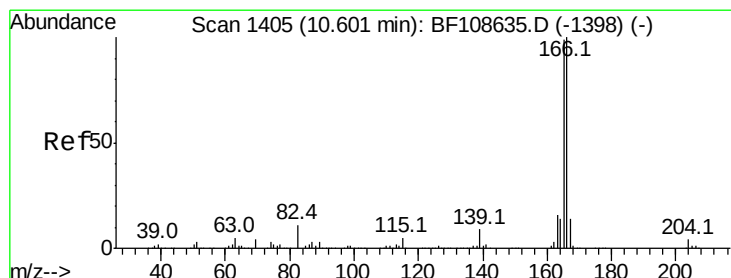
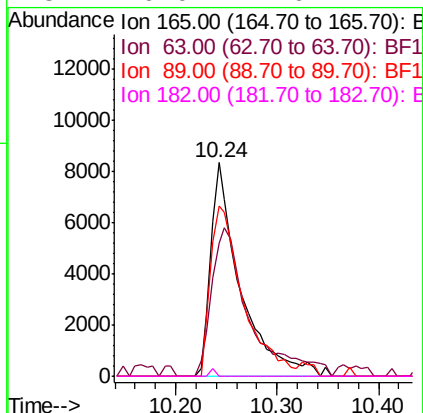
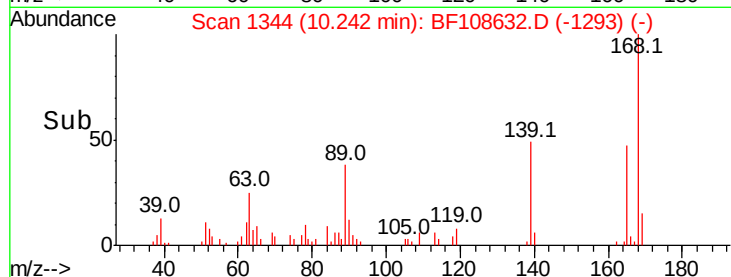
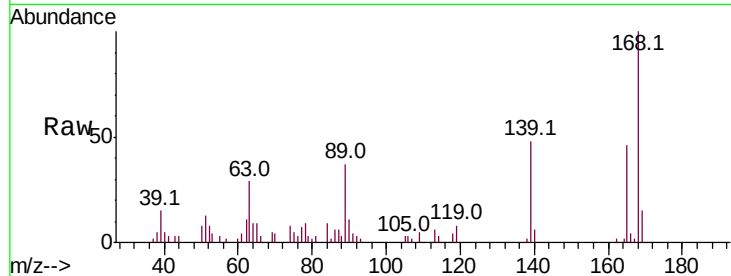
#56
2,4-Dinitrotoluene
Concen: 2.993 ng
RT: 10.24 min Scan# 1344
Delta R.T. 0.00 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
165	100	16983		
63	62.3	36.4	54.6#	
89	79.9	57.8	86.6	
182	0.0	1.6	2.4#	

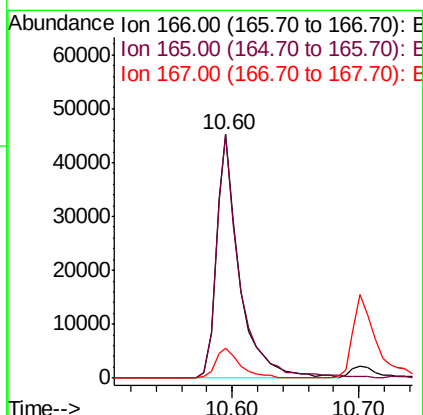
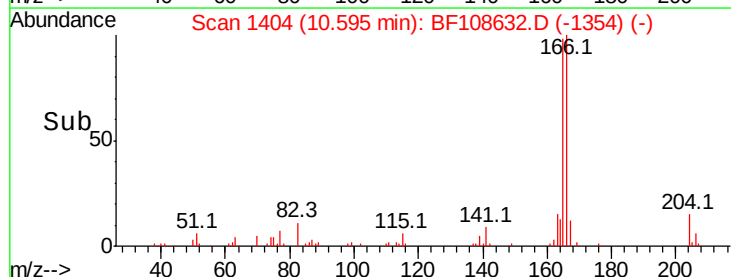
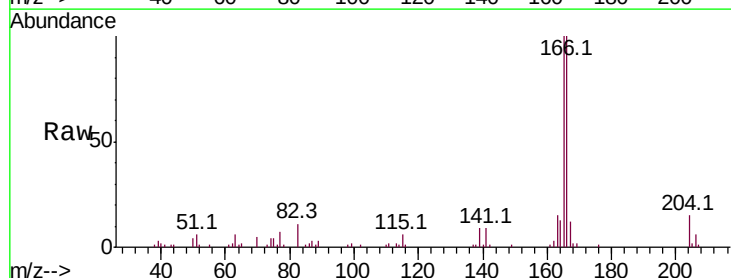
Manual Integrations
APPROVED

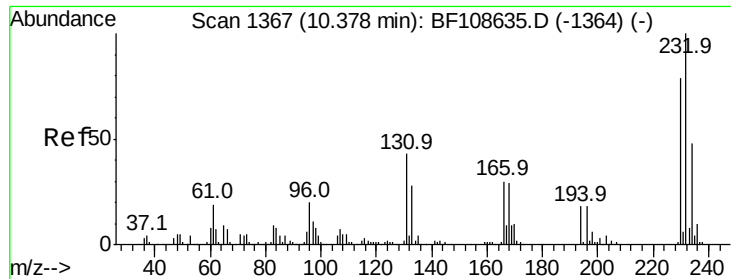
Sohil
8/31/2018 12:17:46 PM



#57
Fluorene
Concen: 2.913 ng
RT: 10.60 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	57015		
165	99.8	79.8	119.8	
167	12.3	10.6	16.0	





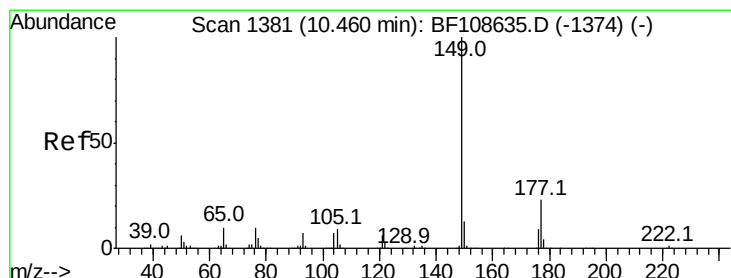
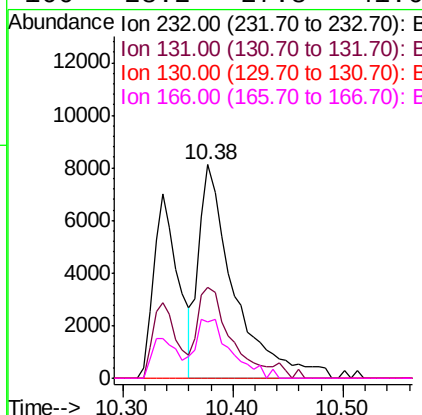
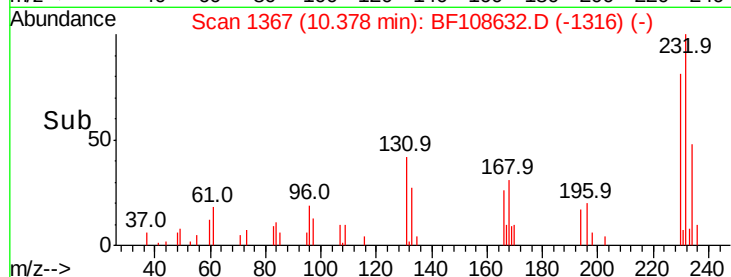
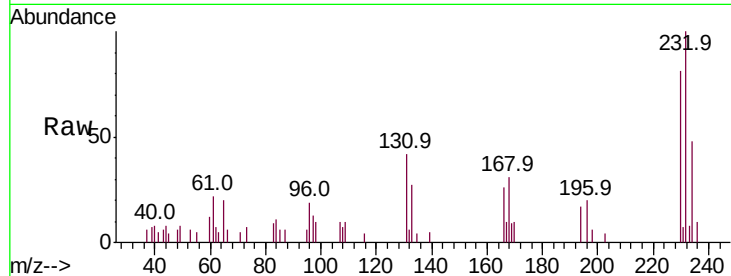
#58
 2,3,4,6-Tetrachlorophenol
 Concen: 3.352 ng
 RT: 10.38 min Scan# 1367
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
232	100		
131	42.3	43.8	65.8#
130	0.0	2.1	3.1#
166	28.2	27.8	41.6

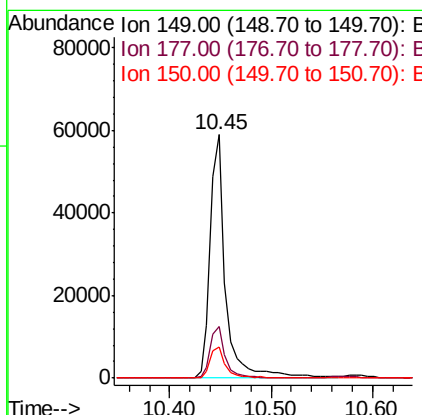
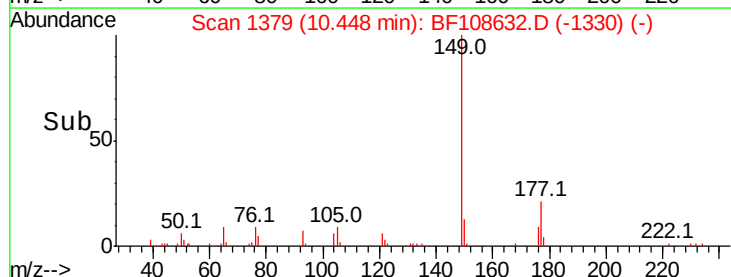
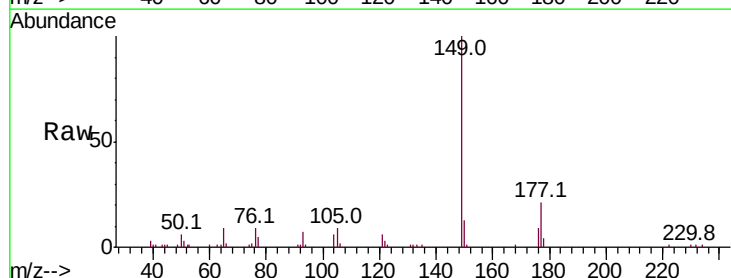
Manual Integrations
 APPROVED

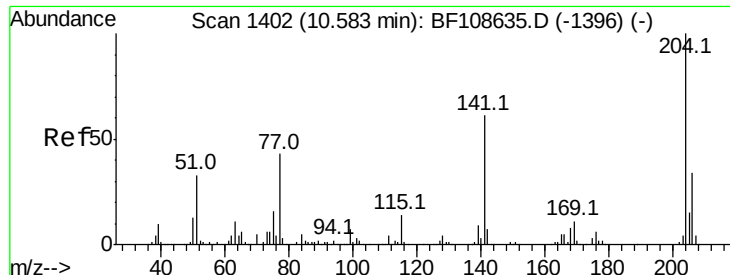
Sohil
 8/31/2018 12:17:46 PM



#59
 Diethylphthalate
 Concen: 3.076 ng
 RT: 10.45 min Scan# 1379
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.2	16.1	24.1
150	12.9	10.1	15.1





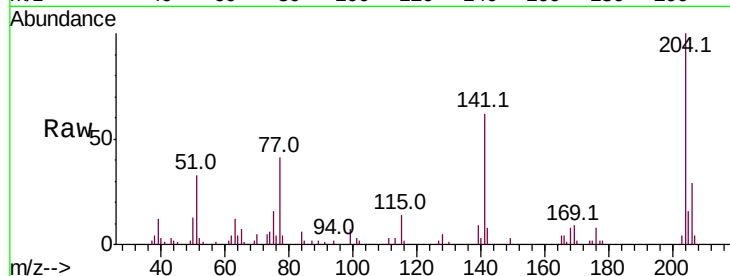
#60
4-Chlorophenyl-phenylether
Concen: 3.193 ng
RT: 10.58 min Scan# 1401
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
204	100		
206	28.8	26.5	39.7
141	62.1	54.6	81.8

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM

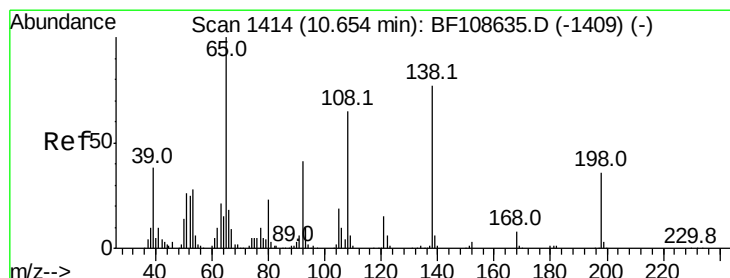
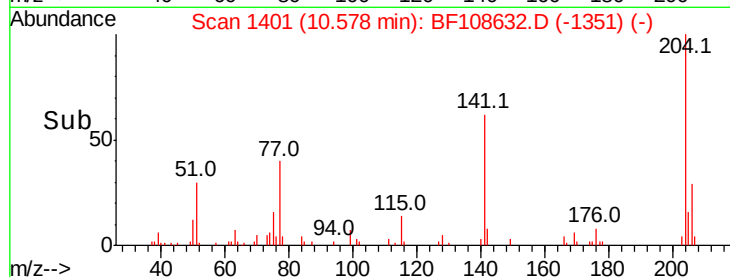
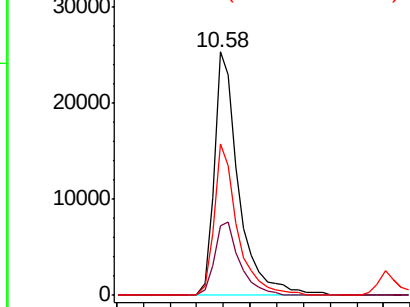


Abundance

Ion 204.00 (203.70 to 204.70): E

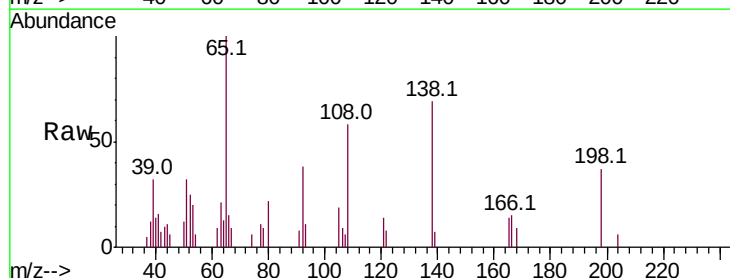
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#61
4-Nitroaniline
Concen: 2.924 ng
RT: 10.65 min Scan# 1414
Delta R.T. 0.00 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.9	30.2	70.2
108	84.2	52.5	92.5

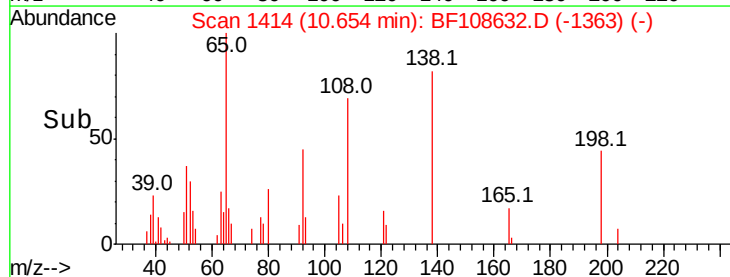
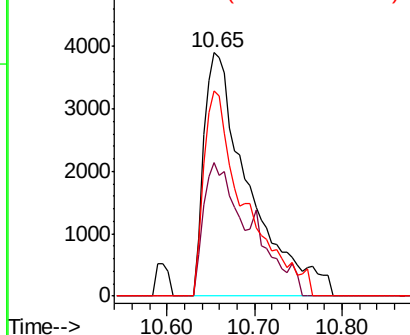


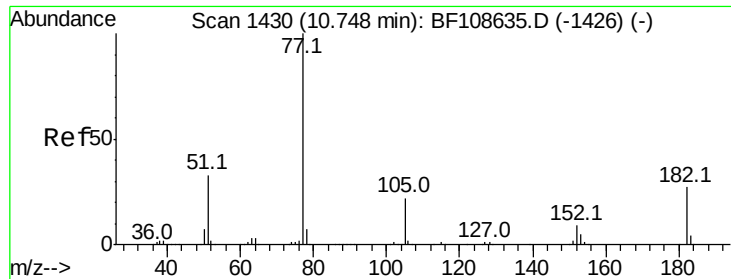
Abundance

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





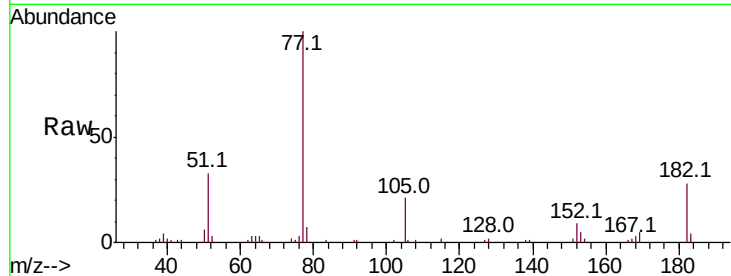
#62
Azobenzene
Concen: 3.018 ng
RT: 10.74 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

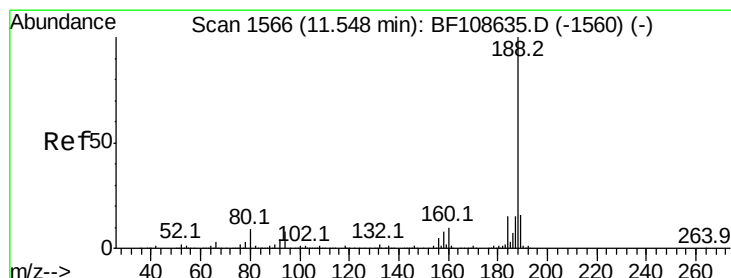
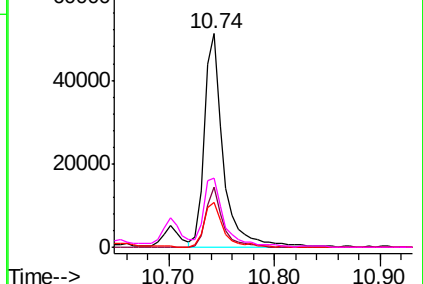
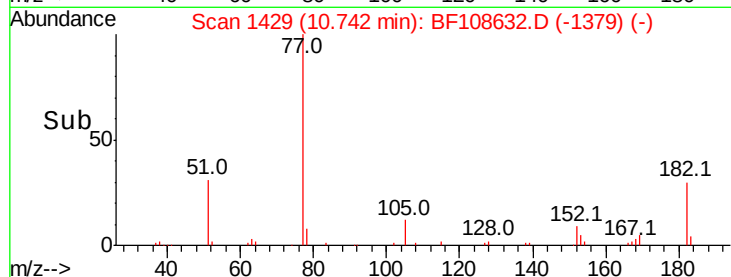
Tot Ion	Ratio	Lower	Upper
77	100		
182	28.0	1.7	41.7
105	21.3	3.0	43.0
51	32.7	9.9	49.9

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM

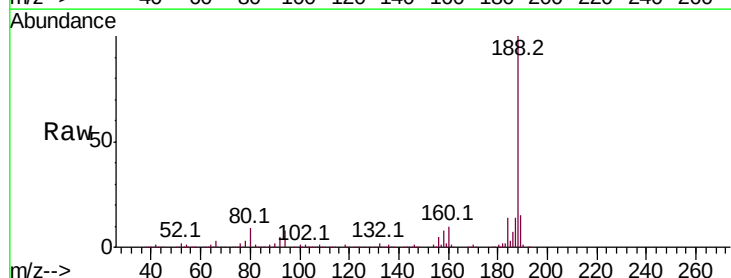


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

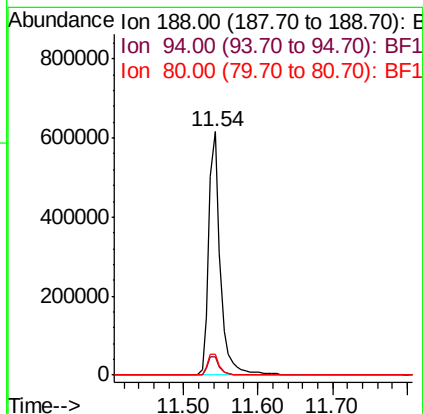
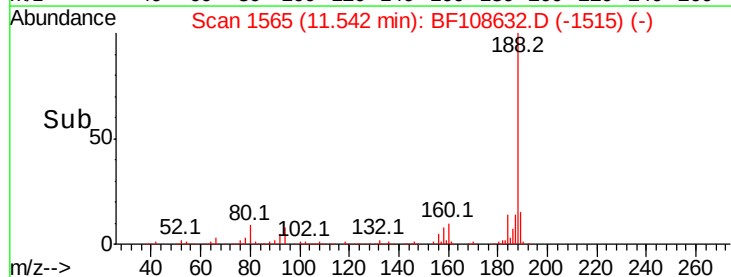


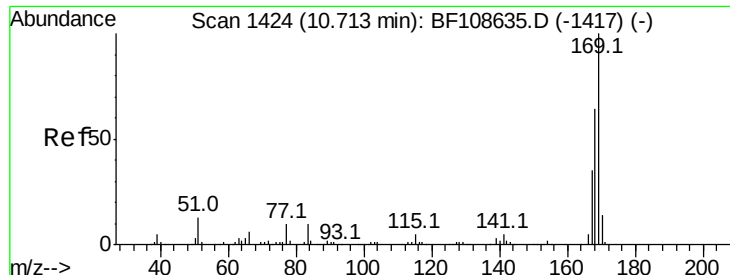
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.54 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	8.5	12.7#
80	8.6	9.2	13.8#



Abundance Ion 188.00 (187.70 to 188.70): BF1
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





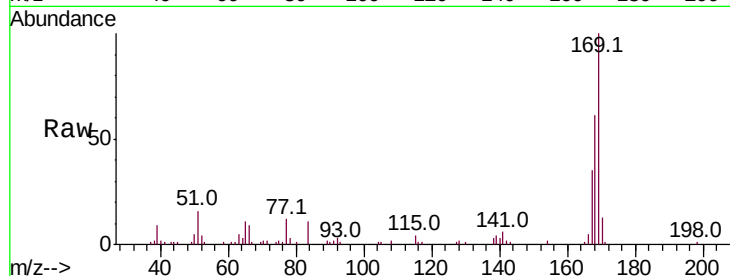
#65
 n-Nitrosodiphenylamine
 Concen: 2.894 ng
 RT: 10.70 min Scan# 1422
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

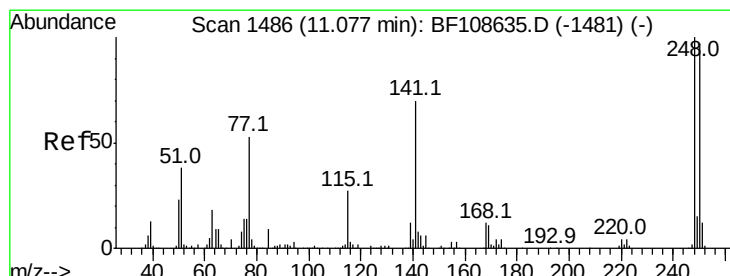
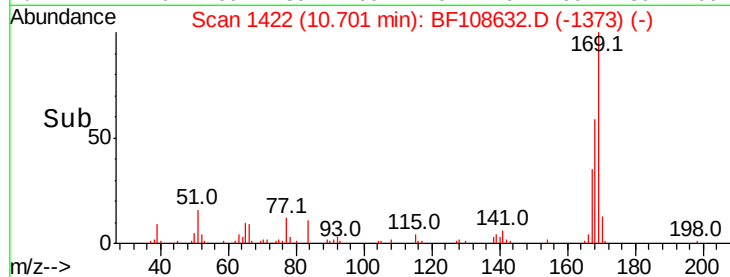
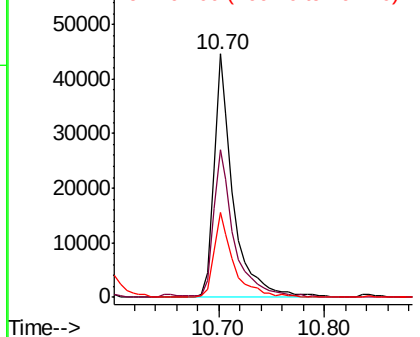
Tot Ion:	169	Resp:	56875
Ion Ratio	Lower	Upper	
169	100		
168	60.9	54.4	81.6
167	34.8	29.8	44.6

Manual Integrations
 APPROVED

Sohil
 8/31/2018 12:17:46 PM



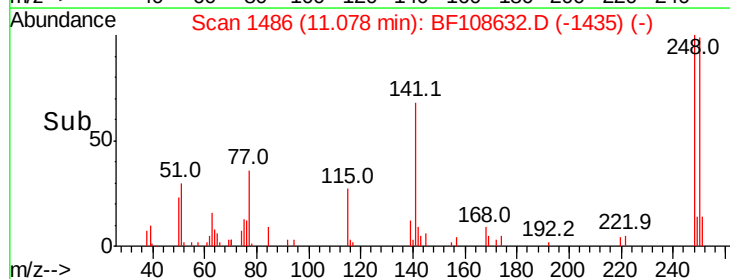
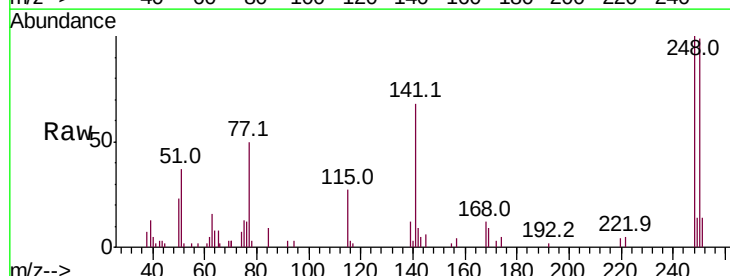
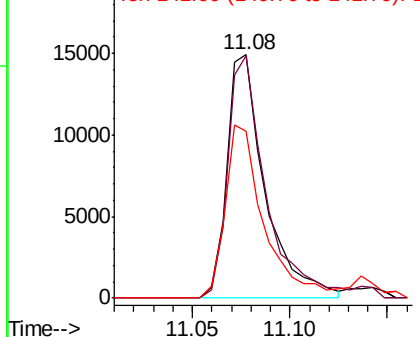
Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

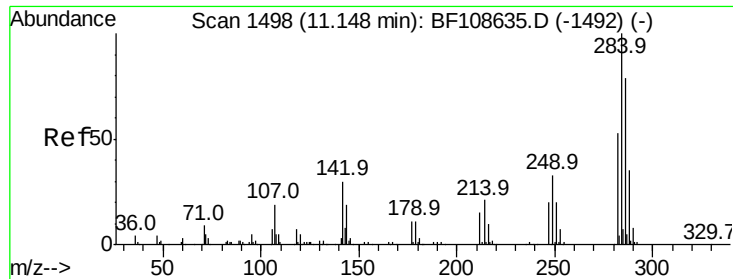


#66
 4-Bromophenyl-phenylether
 Concen: 2.788 ng
 RT: 11.08 min Scan# 1486
 Delta R.T. 0.00 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:	248	Resp:	20151
Ion Ratio	Lower	Upper	
248	100		
250	99.4	76.9	115.3
141	68.3	74.4	111.6#

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





#67

Hexachlorobenzene

Concen: 2.864 ng

RT: 11.14 min Scan# 1497

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

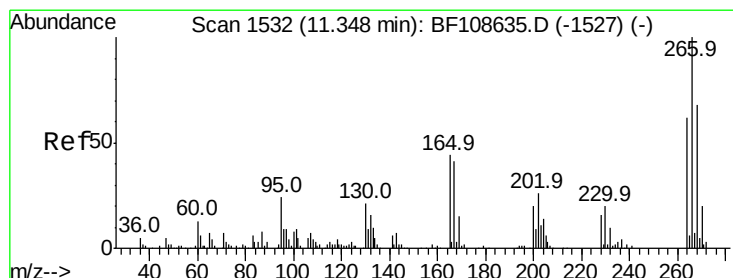
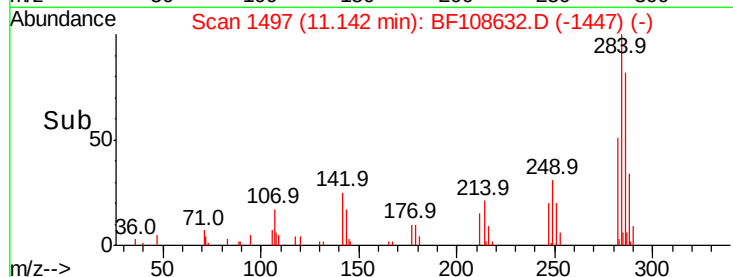
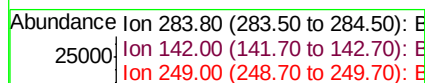
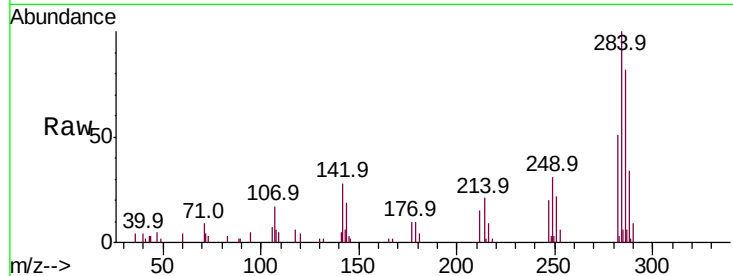
ClientSampleId :

SSTDICC2.5

Tot Ion:	284	Resp:	21783
Ion Ratio	Lower	Upper	
284	100		
142	28.0	34.6	52.0#
249	30.6	24.8	37.2

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM



#69

Pentachlorophenol

Concen: 2.358 ng

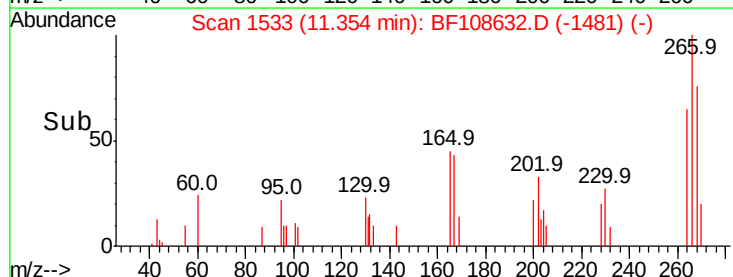
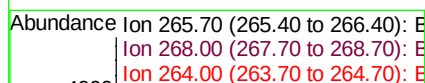
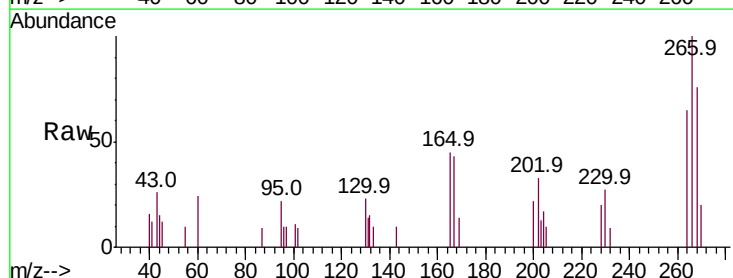
RT: 11.35 min Scan# 1533

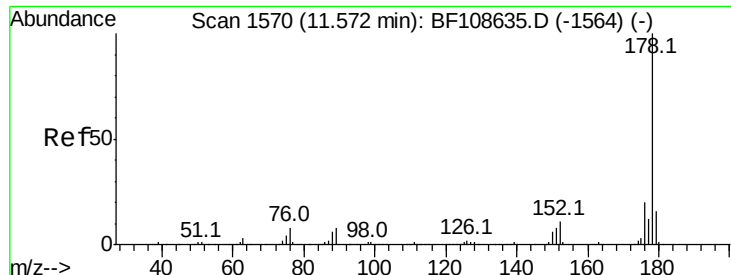
Delta R.T. 0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Tgt Ion:	266	Resp:	8585
Ion Ratio	Lower	Upper	
266	100		
268	75.6	51.1	76.7
264	65.4	49.5	74.3





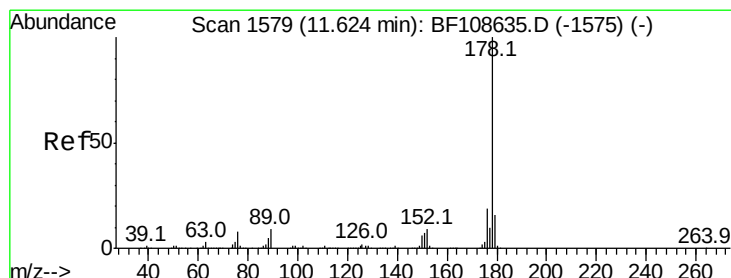
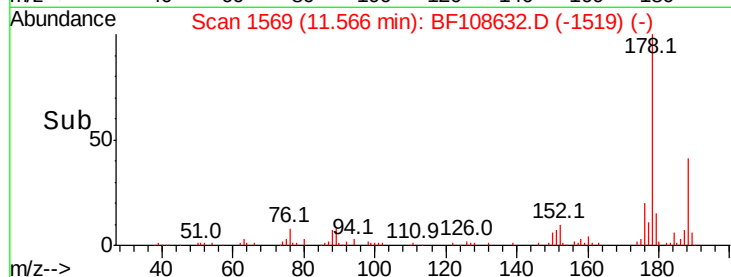
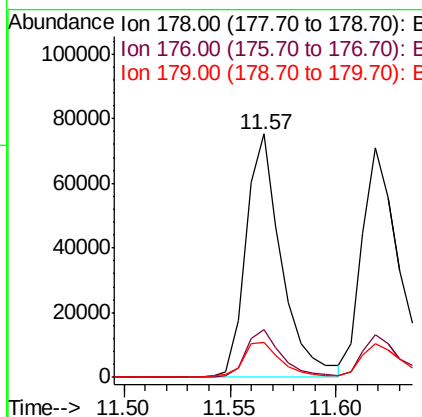
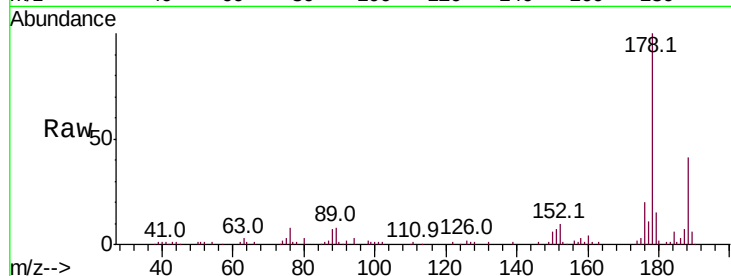
#70
Phenanthrene
Concen: 2.805 ng
RT: 11.57 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.8	23.8
179	14.6	13.0	19.6

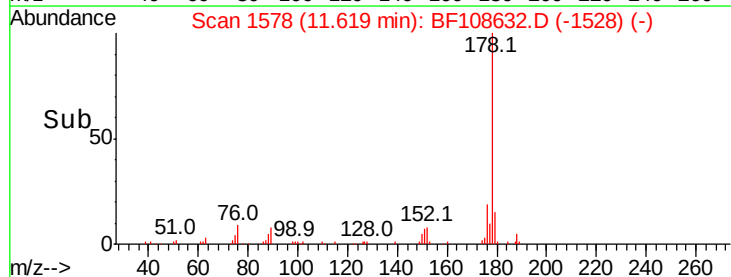
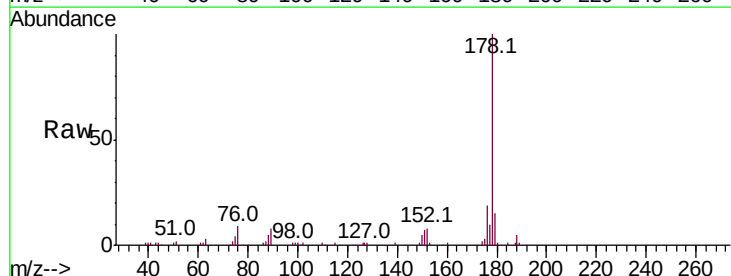
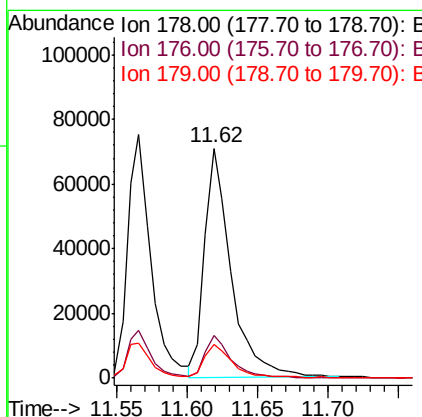
Manual Integrations
APPROVED

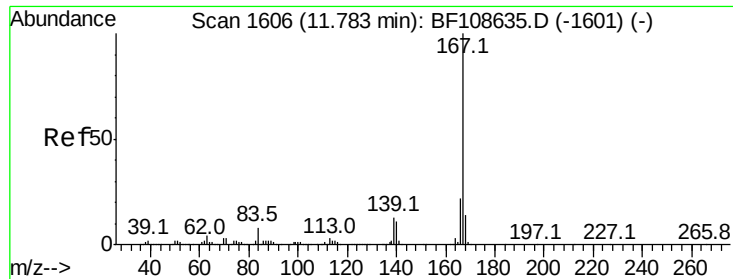
Sohil
8/31/2018 12:17:46 PM



#71
Anthracene
Concen: 2.890 ng
RT: 11.62 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.4	23.2
179	14.6	12.6	19.0





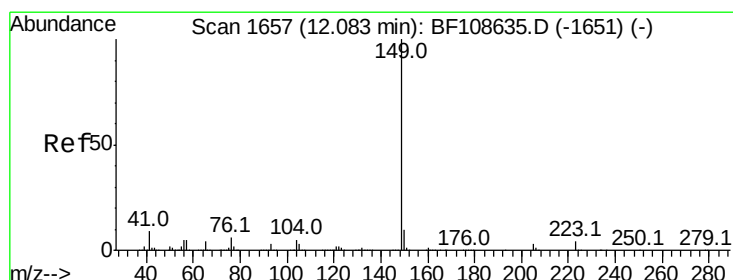
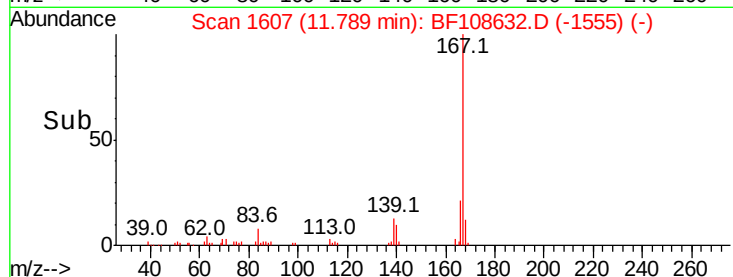
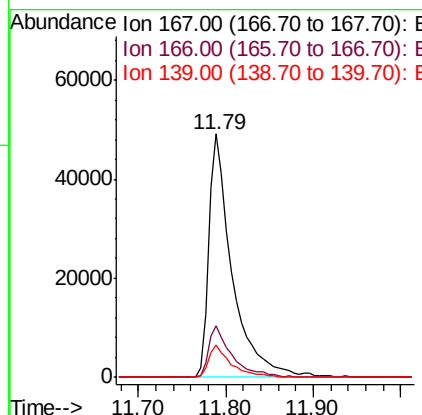
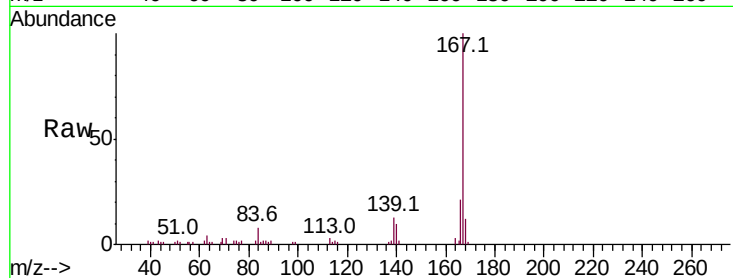
#72
 Carbazole
 Concen: 3.190 ng
 RT: 11.79 min Scan# 1607
 Delta R.T. 0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion:167	Resp:	91121
Ion Ratio	Lower	Upper
167 100		
166 21.2	17.6	26.4
139 13.3	10.9	16.3

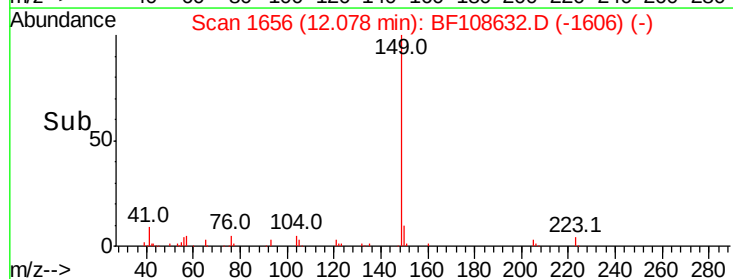
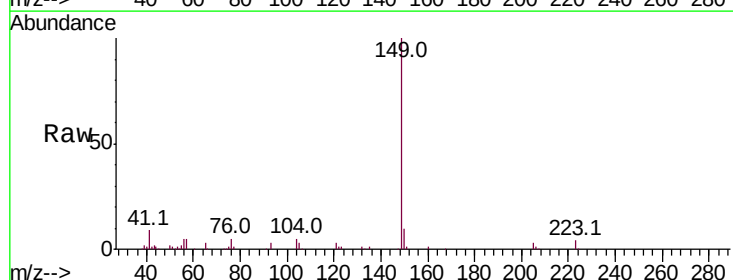
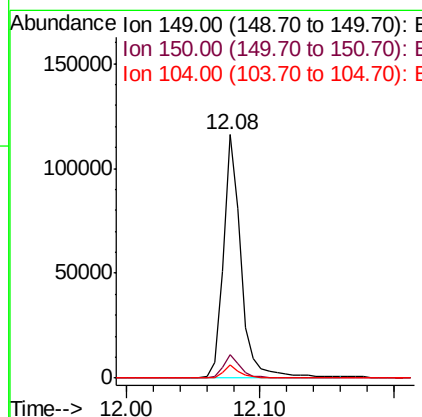
Manual Integrations
 APPROVED

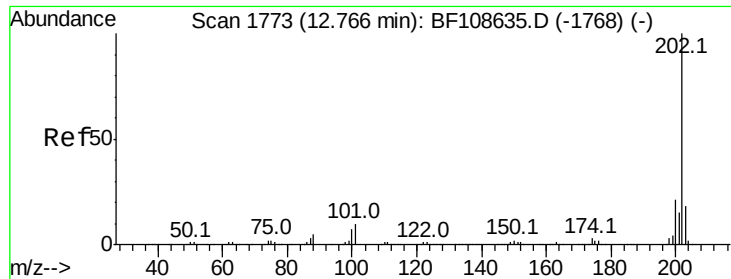
Sohil
 8/31/2018 12:17:46 PM



#73
 Di-n-butylphthalate
 Concen: 3.376 ng
 RT: 12.08 min Scan# 1656
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:149	Resp:	109233
Ion Ratio	Lower	Upper
149 100		
150 9.5	7.8	11.6
104 5.2	3.8	5.8





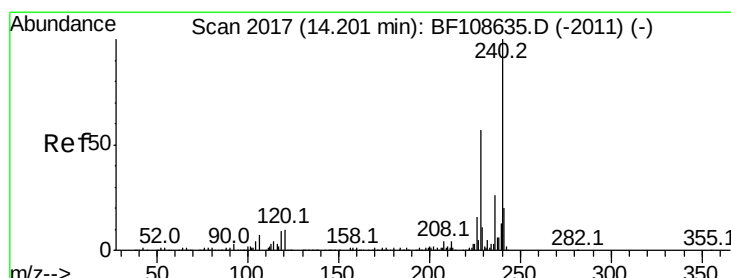
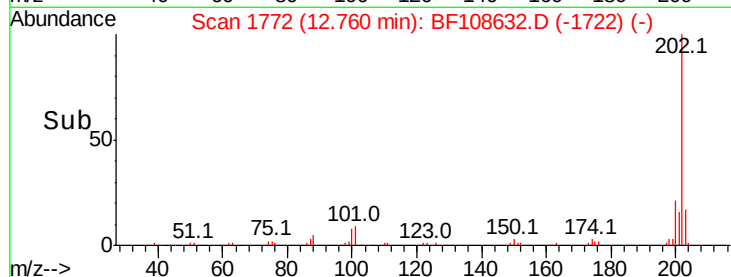
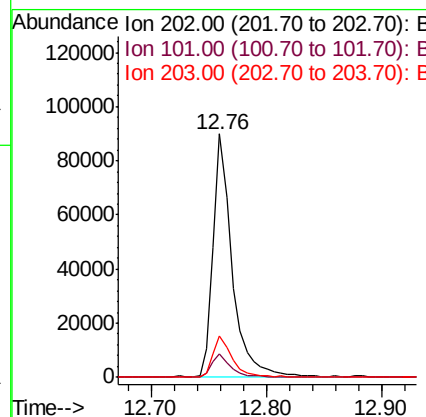
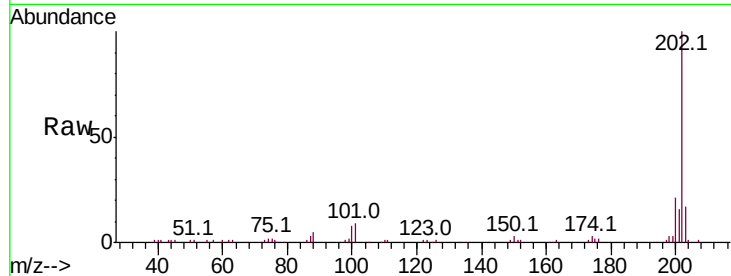
#74
 Fluoranthene
 Concen: 3.059 ng
 RT: 12.76 min Scan# 1772
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Resp	Lower	Upper
202	100	104719		
101	9.4	0.0	34.1	
203	17.2	0.0	38.1	

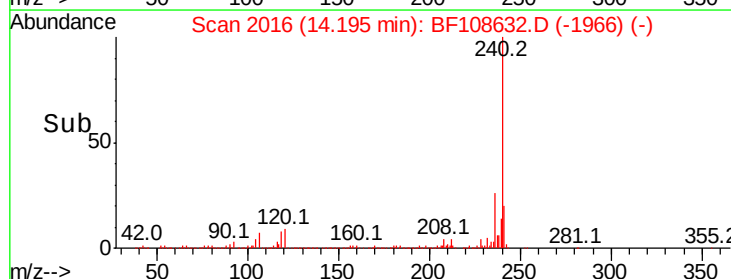
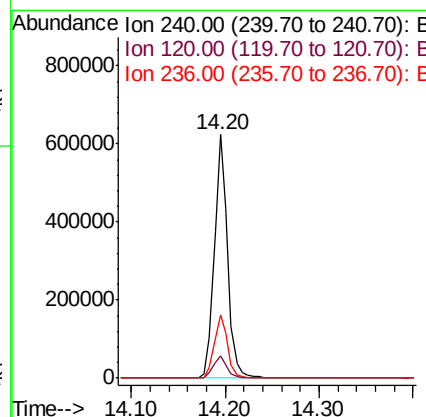
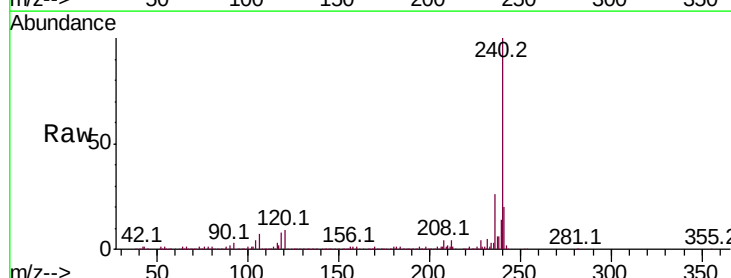
Manual Integrations
 APPROVED

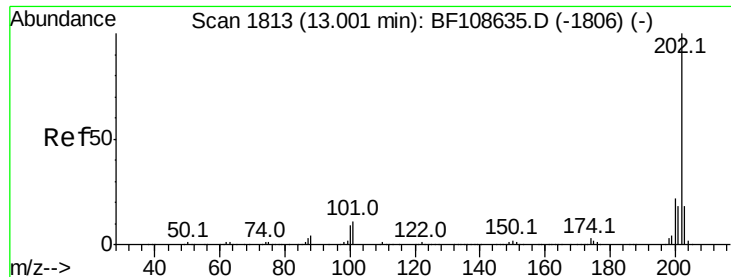
Sohil
 8/31/2018 12:17:46 PM



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.20 min Scan# 2016
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	620746		
120	9.3	9.5	14.3#	
236	25.7	20.7	31.1	





#77

Pvrene

Concen: 2.784 ng

RT: 13.00 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

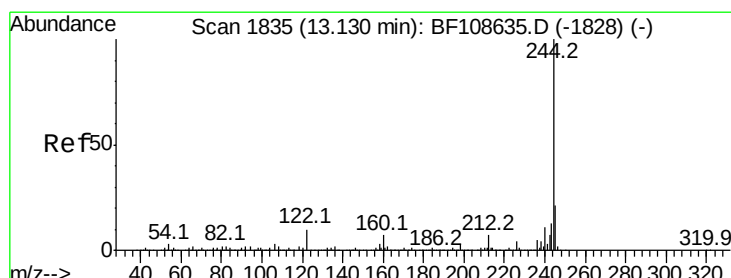
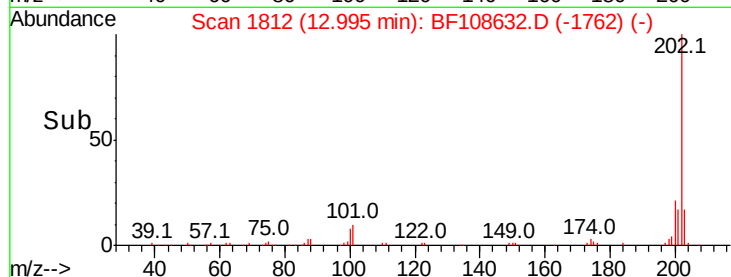
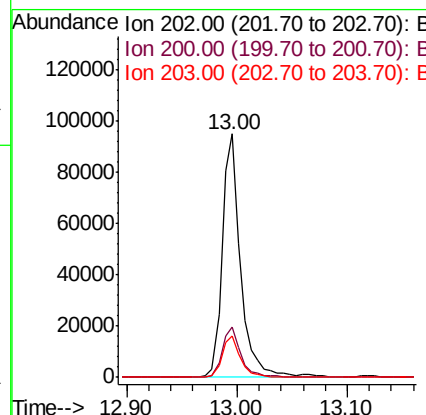
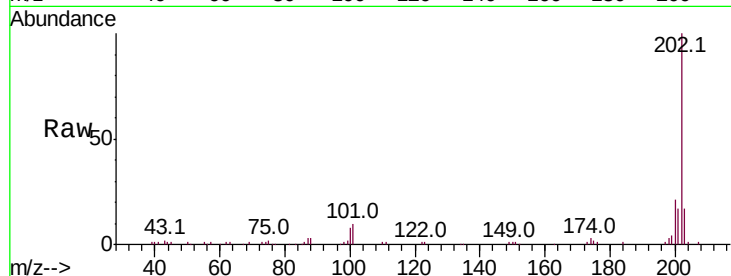
ClientSampleId :

SSTDICC2.5

Tot Ion:	202	Resp:	109414
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.4	26.2
203	16.9	14.3	21.5

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM



#78

Terphenyl-d14

Concen: 6.566 ng

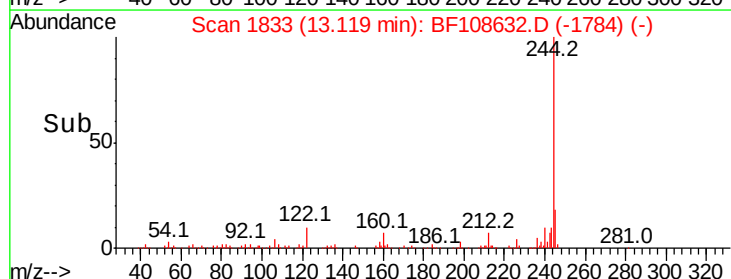
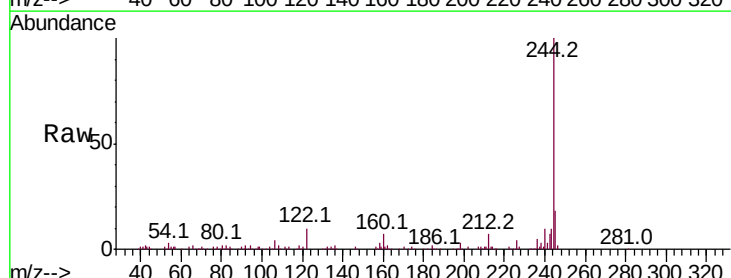
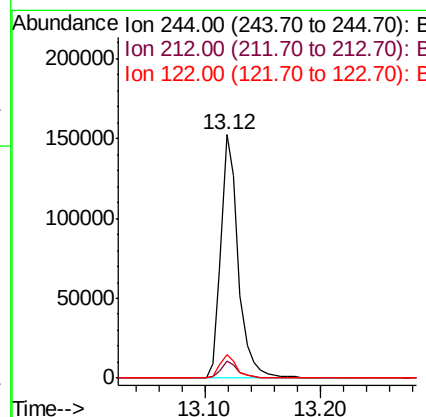
RT: 13.12 min Scan# 1833

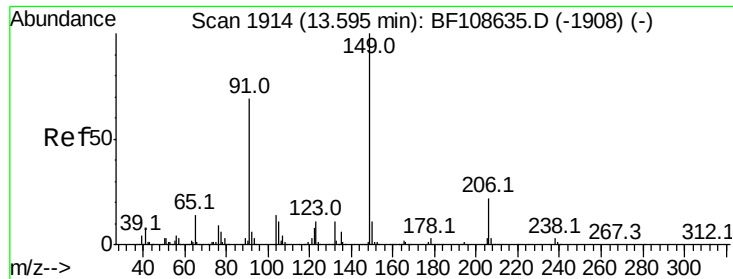
Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Tgt Ion:	244	Resp:	160309
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.4	8.0
122	9.8	11.0	16.4#





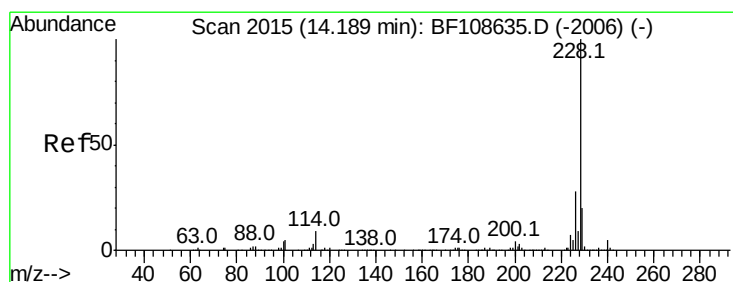
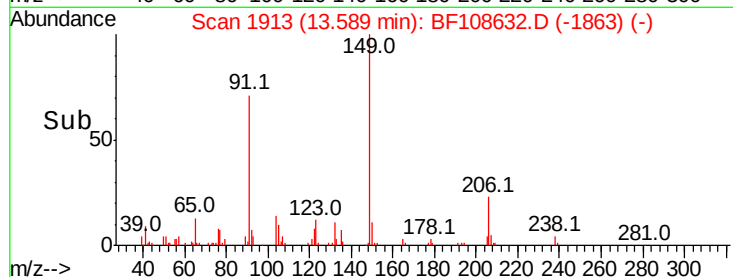
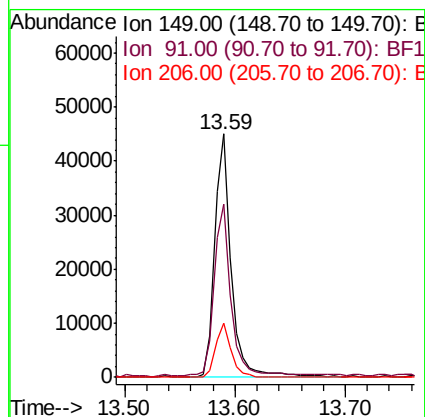
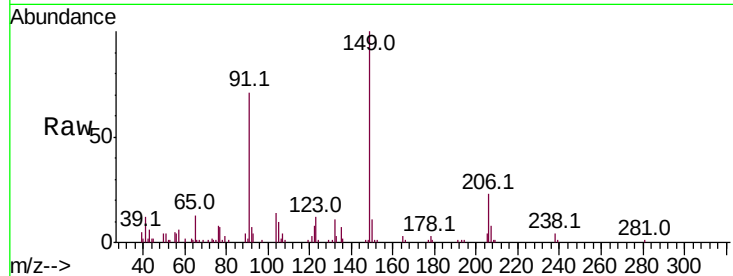
#79
Butylbenzylphthalate
Concen: 2.961 ng
RT: 13.59 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
149	100		
91	71.0	56.8	85.2
206	22.5	14.1	21.1

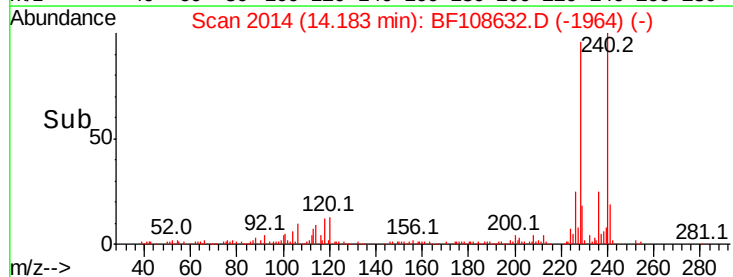
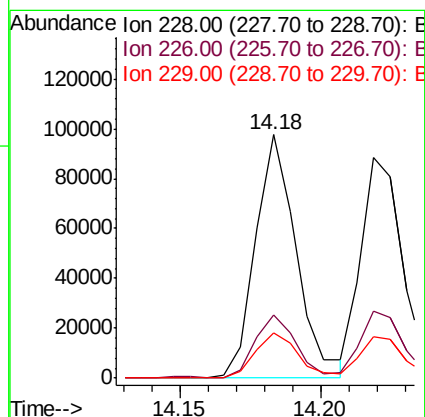
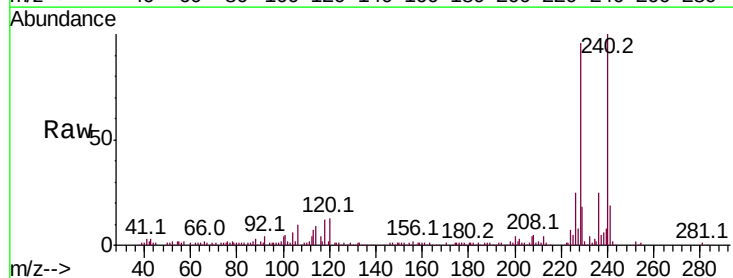
Manual Integrations
APPROVED

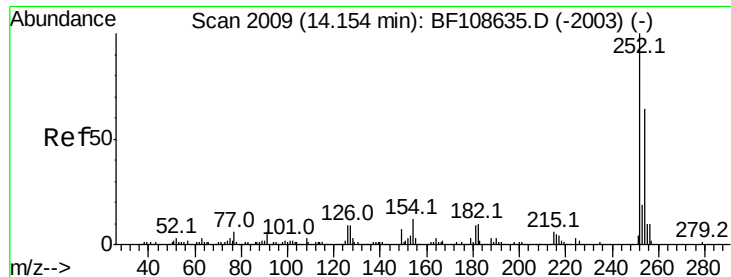
Sohil
8/31/2018 12:17:46 PM



#80
Benzo(a)anthracene
Concen: 2.752 ng
RT: 14.18 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
228	100		
226	26.2	22.6	33.8
229	18.4	15.8	23.6





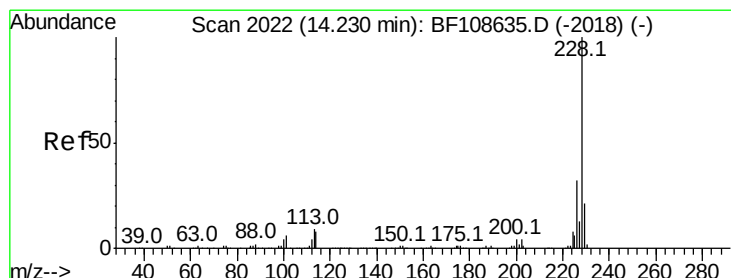
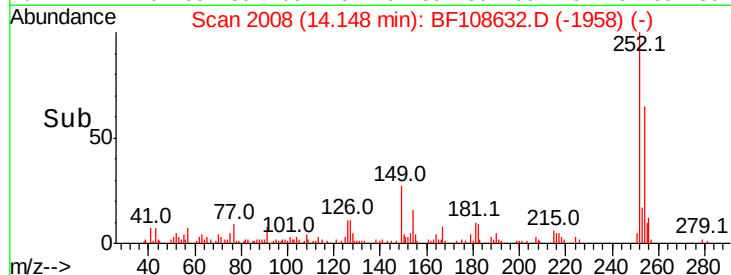
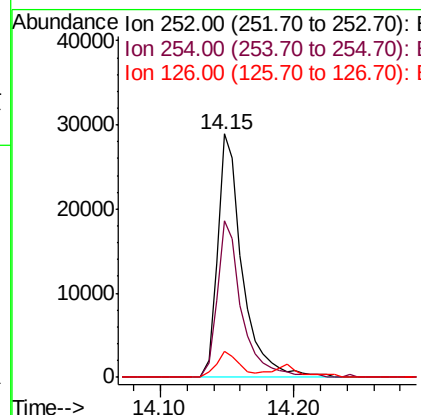
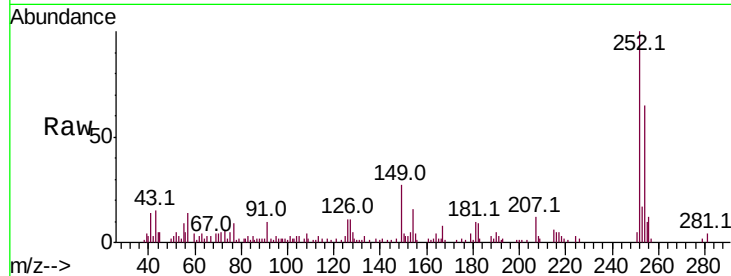
#81
 3,3'-Dichlorobenzidine
 Concen: 2.937 ng
 RT: 14.15 min Scan# 2008
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion:252	Resp:	37496
Ion Ratio	Lower	Upper
252 100		
254 64.6	50.4	75.6
126 10.8	11.3	16.9#

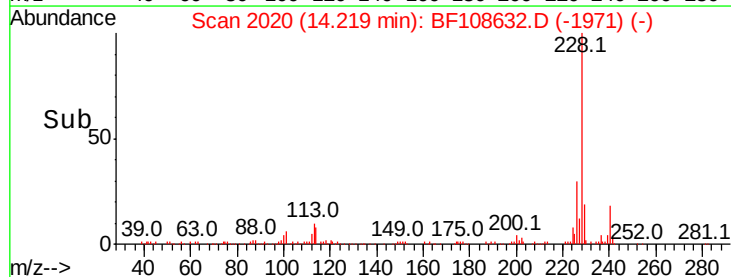
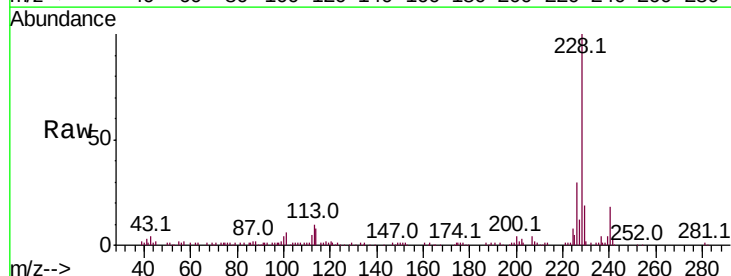
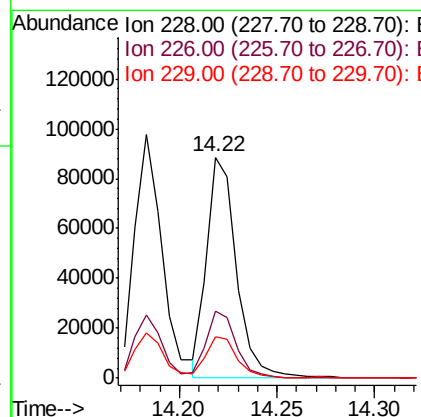
Manual Integrations
 APPROVED

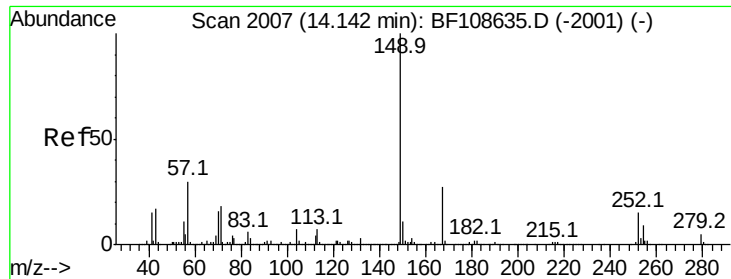
Sohil
 8/31/2018 12:17:46 PM



#82
 Chrysene
 Concen: 2.885 ng
 RT: 14.22 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Tgt Ion:228	Resp:	94232
Ion Ratio	Lower	Upper
228 100		
226 30.3	25.0	37.6
229 18.6	16.2	24.4





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.954 ng

RT: 14.14 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

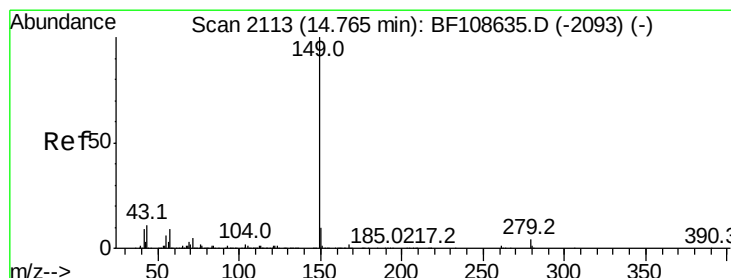
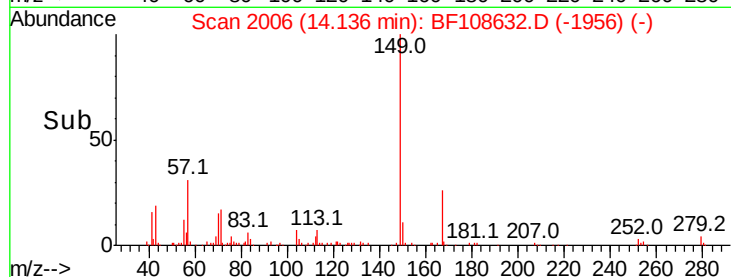
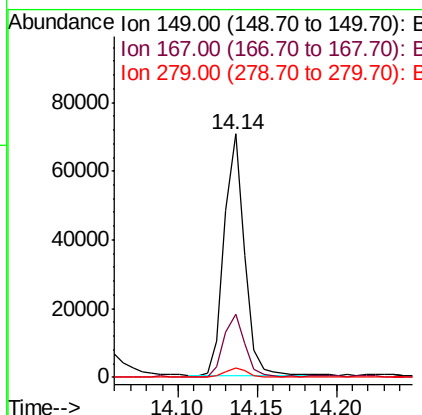
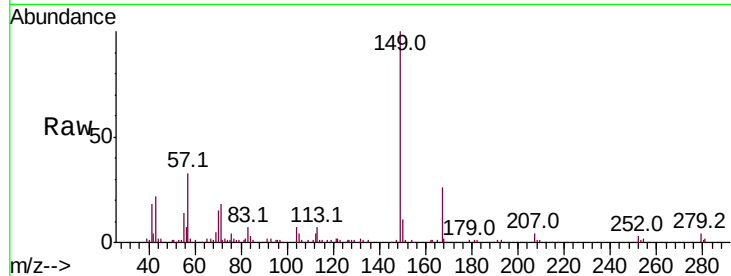
ClientSampleId :

SSTDICC2.5

Tot Ion:	149	Resp:	62428
Ion Ratio	Lower	Upper	
149	100		
167	26.2	21.3	31.9
279	3.8	3.0	4.4

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM



#84

Di-n-octyl phthalate

Concen: 3.063 ng

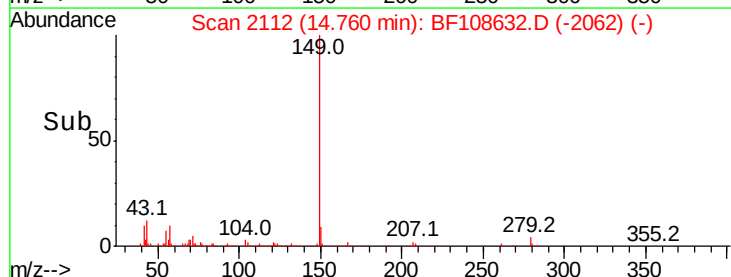
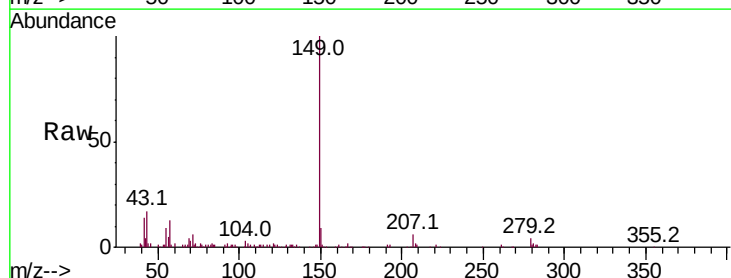
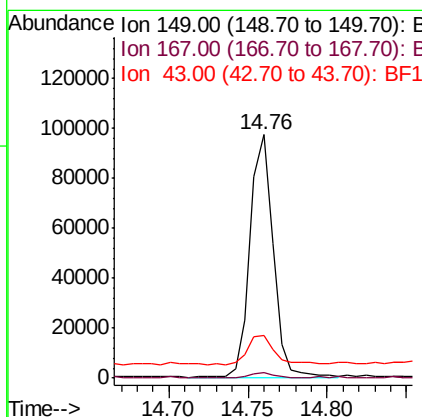
RT: 14.76 min Scan# 2112

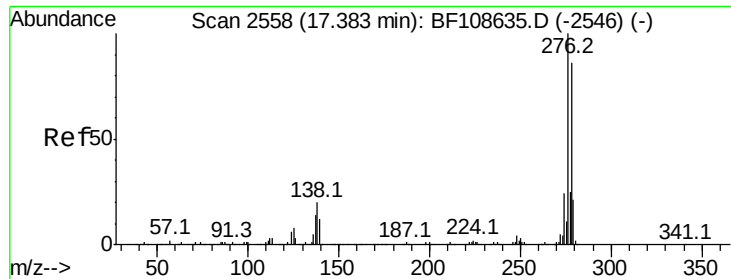
Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Tgt Ion:	149	Resp:	98709
Ion Ratio	Lower	Upper	
149	100		
167	2.8	1.2	1.8#
43	14.2	8.4	12.6#





#85

Indeno(1,2,3-cd)pyrene

Concen: 2.462 ng

RT: 17.37 min Scan# 2555

Delta R.T. -0.02 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

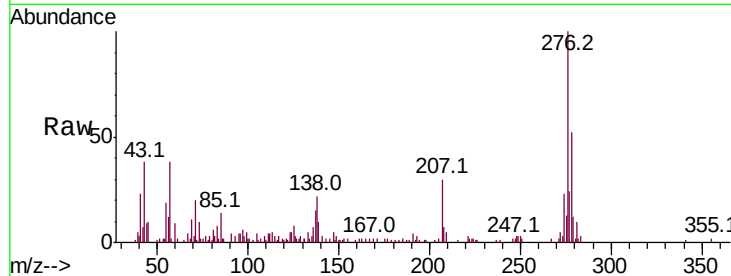
ClientSampleId :

SSTDICC2.5

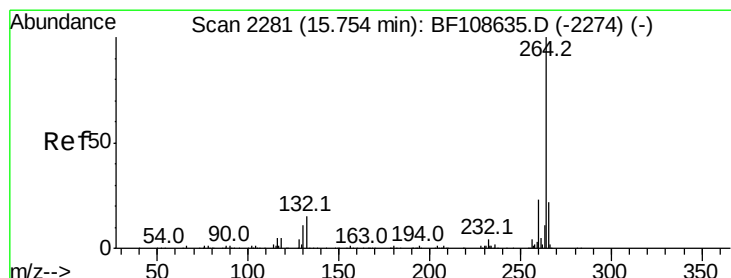
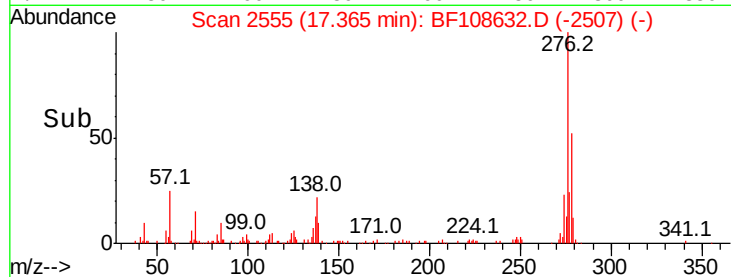
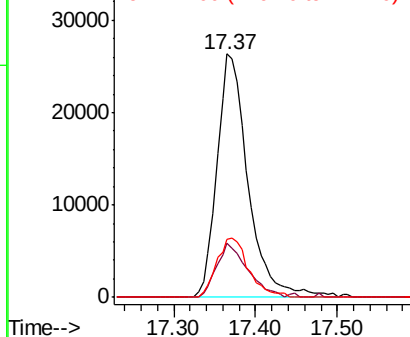
Tot Ion:	276	Resp:	69683
Ion Ratio	Lower	Upper	
276	100		
138	22.1	25.0	37.6#
277	24.9	20.1	30.1

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM



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



#86

Perylene-d12

Concen: 20.000 ng

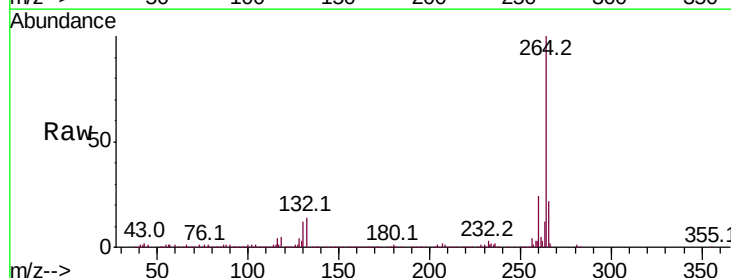
RT: 15.75 min Scan# 2281

Delta R.T. 0.00 min

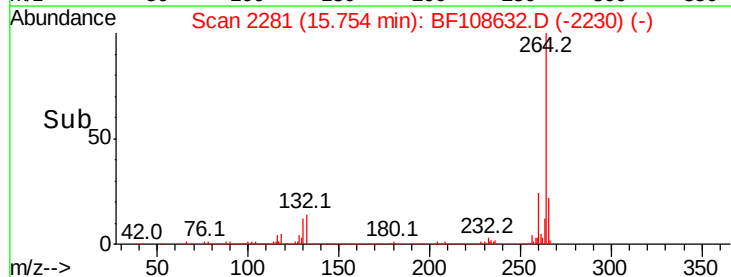
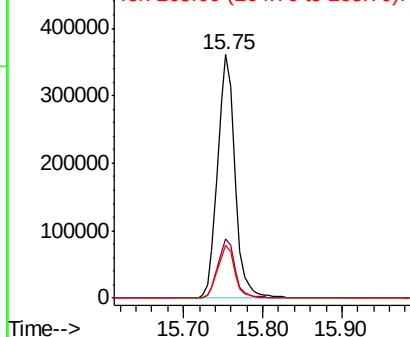
Lab File: BF108632.D

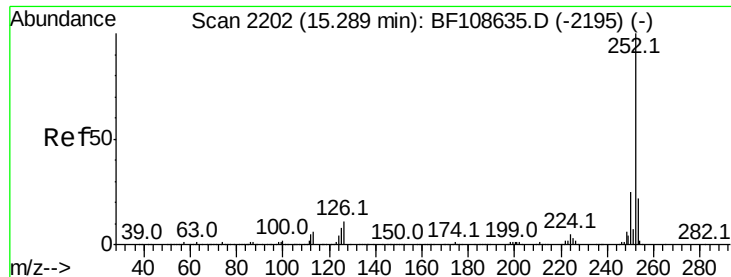
Acq: 30 Aug 2018 10:47

Tgt Ion:	264	Resp:	550606
Ion Ratio	Lower	Upper	
264	100		
260	24.3	19.2	28.8
265	21.8	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 2.340 ng

RT: 15.28 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Instrument :

BNA_F

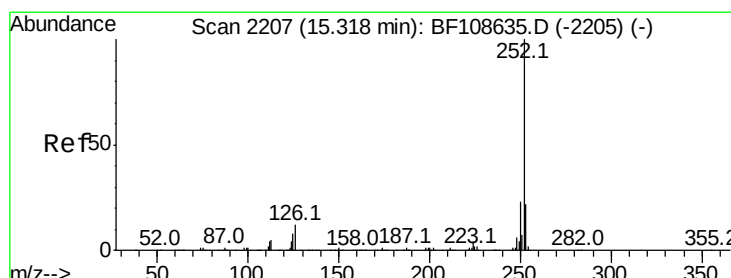
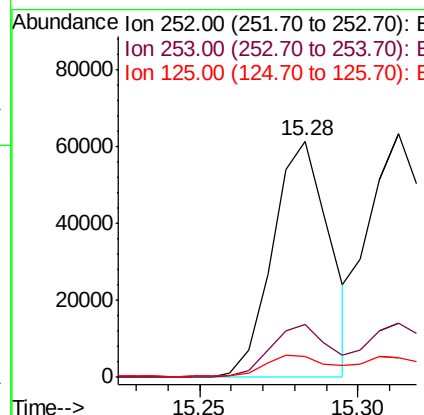
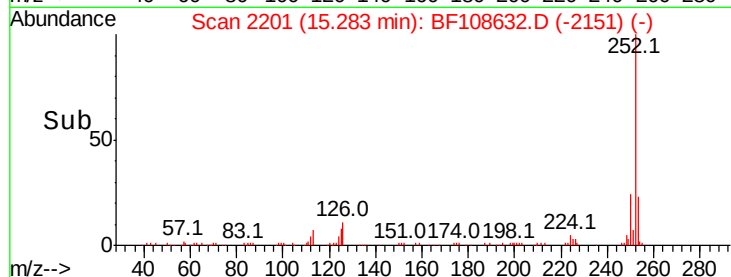
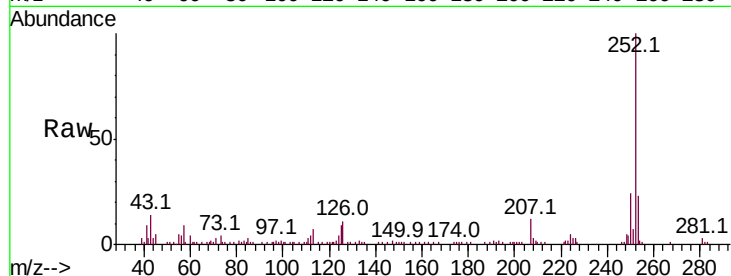
ClientSampleId :

SSTDICC2.5

Tot Ion:	252	Resp:	76997
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.0	25.6
125	9.0	9.0	13.6#

Manual Integrations
APPROVED

Sohil
8/31/2018 12:17:46 PM



#88

Benzo(k)fluoranthene

Concen: 2.968 ng

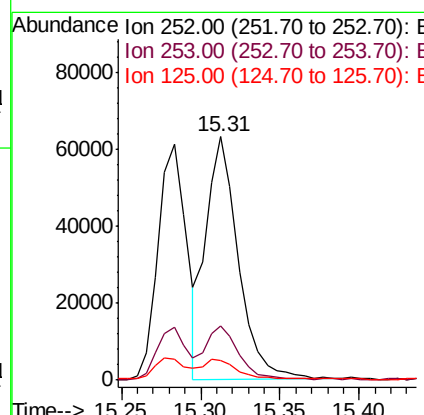
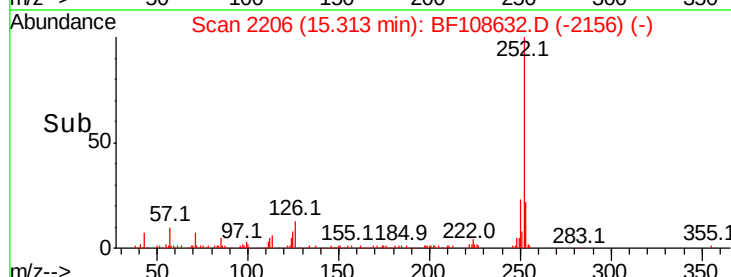
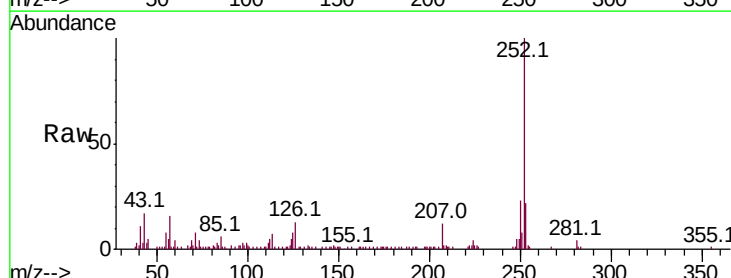
RT: 15.31 min Scan# 2206

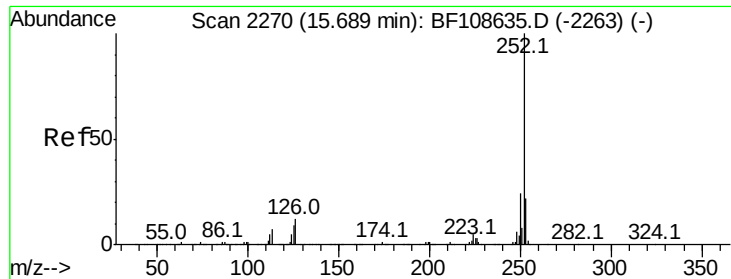
Delta R.T. -0.01 min

Lab File: BF108632.D

Acq: 30 Aug 2018 10:47

Tgt Ion:	252	Resp:	89754
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.9	26.9
125	8.2	10.2	15.2#





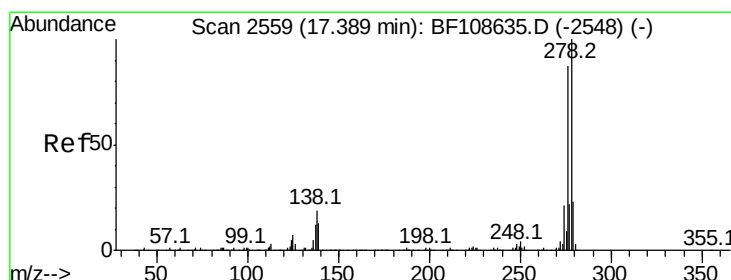
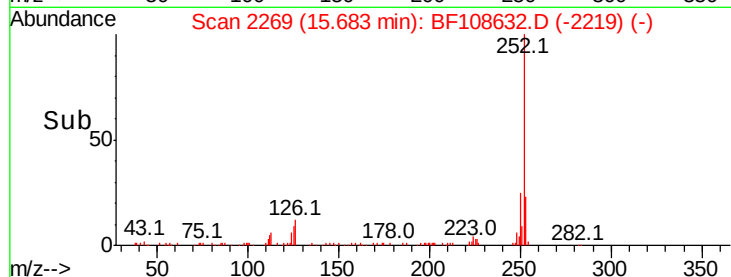
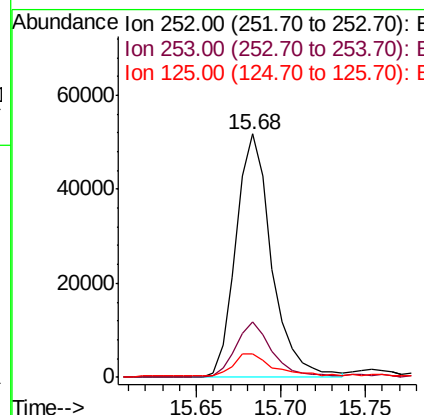
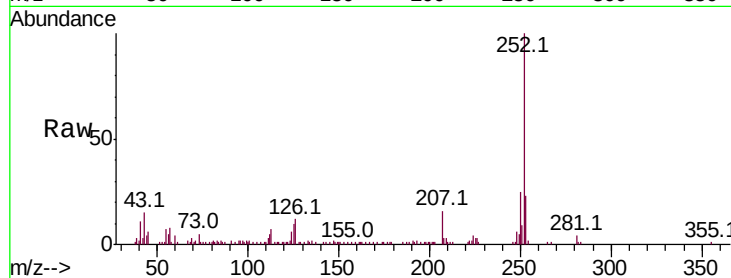
#89
Benzo(a)pyrene
Concen: 2.583 ng
RT: 15.68 min Scan# 2269
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Instrument :
BNA_F
ClientSampleId :
SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.1	25.7
125	9.9	9.8	14.6

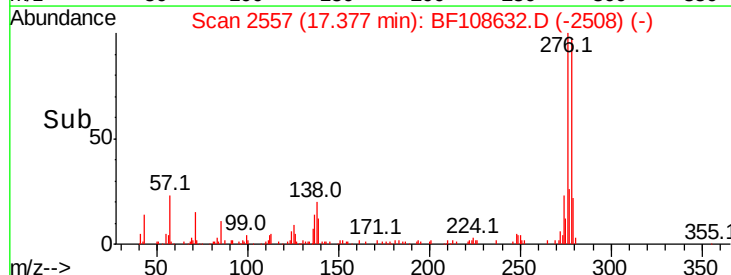
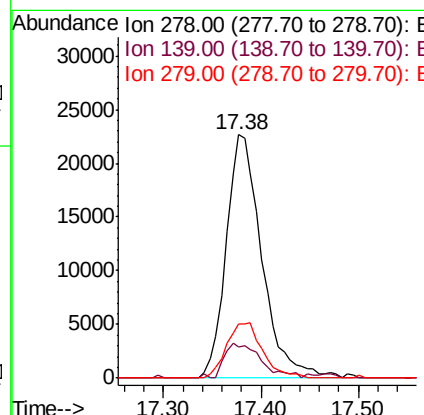
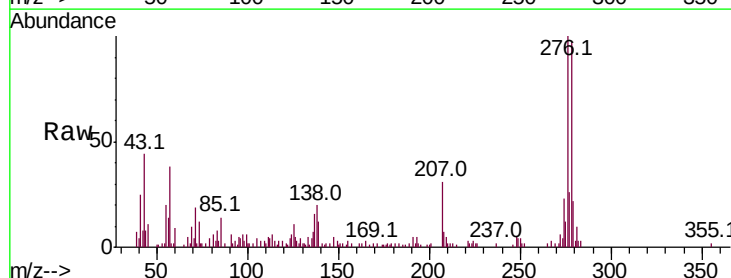
Manual Integrations
APPROVED

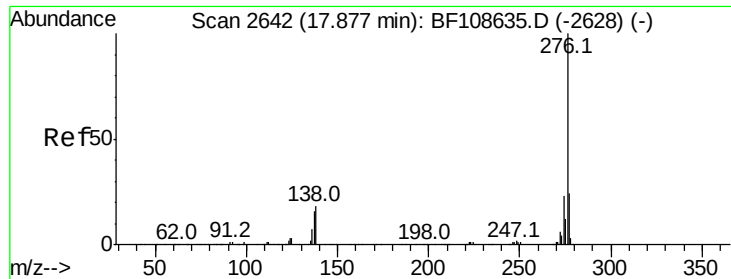
Sohil
8/31/2018 12:17:46 PM



#90
Dibenzo(a,h)anthracene
Concen: 2.356 ng
RT: 17.38 min Scan# 2557
Delta R.T. -0.01 min
Lab File: BF108632.D
Acq: 30 Aug 2018 10:47

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.7	15.9	23.9#
279	22.3	19.0	28.4





#91
 Benzo(a,h,i)perylene
 Concen: 2.283 ng
 RT: 17.86 min Scan# 2639
 Delta R.T. -0.02 min
 Lab File: BF108632.D
 Acq: 30 Aug 2018 10:47

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC2.5

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.3	17.9	26.9
138	18.9	21.8	32.8

Manual Integrations
 APPROVED

Sohil
 8/31/2018 12:17:46 PM

