

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092117\
 Data File : BF098682.D
 Acq On : 22 Sep 2017 4:23
 Operator : SJ/JU
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Manual Integrations
 APPROVED

Quant Time: Sep 22 06:33:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 22 04:59:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	150864	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	641184	20.00	ng	0.00
38) Acenaphthene-d10	9.97	164	290904	20.00	ng	0.00
63) Phenanthrene-d10	11.45	188	506271	20.00	ng	0.00
75) Chrysene-d12	14.09	240	339012	20.00	ng	0.00
86) Perylene-d12	15.58	264	282374	20.00	ng	0.00

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System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	1475268	145.72	ng	0.00
7) Phenol-d6	6.56	99	1769883	137.62	ng	0.01
23) Nitrobenzene-d5	7.50	82	1517149	134.91	ng	0.01
41) 2,4,6-Tribromophenol	10.76	330	420523	204.62	ng	0.01
44) 2-Fluorobiphenyl	9.29	172	2380723	138.13	ng	0.00
78) Terphenyl-d14	13.04	244	2280557	144.31	ng	0.00

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Target Compounds

						Qvalue
2) 1,4-Dioxane	2.77	88	368476	71.303	ng	99
3) Pyridine	3.55	79	1011922	73.511	ng	97
4) n-Nitrosodimethylamine	3.52	42	441663	66.877	ng	97
6) Aniline	6.60	93	1240498	76.102	ng	99
8) 2-Chlorophenol	6.72	128	794014	71.260	ng	96
9) Benzaldehyde	6.49	77	441504	53.490	ng	98
10) Phenol	6.57	94	986204	66.519	ng	99
11) bis(2-Chloroethyl)ether	6.67	93	776674	69.578	ng	99
12) 1,3-Dichlorobenzene	6.87	146	845106	74.772	ng	99
13) 1,4-Dichlorobenzene	6.95	146	846058	73.178	ng	99
14) 1,2-Dichlorobenzene	7.10	146	765439	72.184	ng	100
15) Benzyl Alcohol	7.07	79	637287	73.321	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.20	45	1220906	66.542	ng	99
17) 2-Methylphenol	7.17	107	680920	74.861	ng	99
18) Hexachloroethane	7.45	117	305672	70.092	ng	96
19) n-Nitroso-di-n-propylamine	7.36	70	559711	69.352	ng	97
20) 3+4-Methylphenols	7.33	107	801667	69.397	ng	90
22) Acetophenone	7.35	105	1102247	66.936	ng	# 97
24) Nitrobenzene	7.52	77	850369	66.303	ng	94
25) Isophorone	7.76	82	1589017	69.466	ng	99
26) 2-Nitrophenol	7.83	139	409929	79.812	ng	97
27) 2,4-Dimethylphenol	7.86	122	760508	75.348	ng	97
28) bis(2-Chloroethoxy)methane	7.96	93	963502	68.976	ng	99
29) 2,4-Dichlorophenol	8.07	162	670589	79.771	ng	97
30) 1,2,4-Trichlorobenzene	8.15	180	647650	71.456	ng	98
31) Naphthalene	8.24	128	2141297	67.843	ng	99
33) 4-Chloroaniline	8.28	127	909256	70.804	ng	99
34) Hexachlorobutadiene	8.35	225	347334	74.150	ng	99
35) Caprolactam	8.68	113	219376m	75.761	ng	
36) 4-Chloro-3-methylphenol	8.76	107	754011	73.026	ng	94
37) 2-Methylnaphthalene	8.93	142	1390568	72.180	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.09	216	612411	67.884	ng	99
40) Hexachlorocyclopentadiene	9.07	237	314875	135.596	ng	99
42) 2,4,6-Trichlorophenol	9.20	196	462057	85.873	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,5-Trichlorophenol	9.24	196	451542	80.379	nq	96
45) 1,1'-Biphenyl	9.39	154	1729998	66.638	nq	99
46) 2-Chloronaphthalene	9.42	162	1343582	72.042	nq	99
47) 2-Nitroaniline	9.51	65	434461	63.182	nq	98
48) Acenaphthylene	9.83	152	2068017	73.965	nq	98
49) Dimethylphthalate	9.70	163	1594255	70.926	nq	100
50) 2,6-Dinitrotoluene	9.76	165	370734	80.407	nq	90
51) Acenaphthene	10.01	154	1298157	73.369	nq	99
52) 3-Nitroaniline	9.93	138	426990	76.910	nq	95
53) 2,4-Dinitrophenol	10.02	184	150423	89.811	nq	95
54) Dibenzofuran	10.18	168	1726488	73.683	nq	99
55) 4-Nitrophenol	10.07	139	372401	108.848	nq	98
56) 2,4-Dinitrotoluene	10.16	165	482669	84.974	nq	99
57) Fluorene	10.52	166	1320612	68.367	nq	98
58) 2,3,4,6-Tetrachlorophenol	10.29	232	331142	86.916	nq	98
59) Diethylphthalate	10.39	149	1563034	72.688	nq	98
60) 4-Chlorophenyl-phenylether	10.51	204	582008	65.729	nq	97
61) 4-Nitroaniline	10.55	138	412132	73.707	nq	94
62) Azobenzene	10.67	77	1413387	62.259	nq	98
64) 4,6-Dinitro-2-methylphenol	10.57	198	224411	81.288	nq	80
65) n-Nitrosodiphenylamine	10.63	169	1266661	76.427	nq	100
66) 4-Bromophenyl-phenylether	11.00	248	380621	78.505	nq	97
67) Hexachlorobenzene	11.06	284	443500	88.489	nq	96
68) Atrazine	11.16	200	387771	76.136	nq	99
69) Pentachlorophenol	11.25	266	288233	138.239	nq	98
70) Phenanthrene	11.48	178	1909583	70.707	nq	99
71) Anthracene	11.53	178	1952654	70.739	nq	99
72) Carbazole	11.69	167	1923494	73.985	nq	99
73) Di-n-butylphthalate	12.01	149	2298049	74.311	nq	100
74) Fluoranthene	12.67	202	1890577	70.209	nq	99
76) Benzidine	12.79	184	955301	64.439	nq	# 93
77) Pyrene	12.90	202	1947814	73.154	nq	100
79) Butylbenzylphthalate	13.51	149	900661	78.596	nq	96
80) Benzo(a)anthracene	14.08	228	1508046	75.325	nq	99
81) 3,3'-Dichlorobenzidine	14.04	252	528561	68.956	nq	97
82) Chrysene	14.12	228	1435913	71.740	nq	100
83) Bis(2-ethylhexyl)phthalate	14.06	149	1148658	78.852	nq	99
84) Di-n-octyl phthalate	14.68	149	1756848	72.192	nq	99
85) Indeno(1,2,3-cd)pyrene	17.10	276	1339681	94.025	nq	100
87) Benzo(b)fluoranthene	15.14	252	1240493	70.210	nq	98
88) Benzo(k)fluoranthene	15.17	252	1202310	72.942	nq	98
89) Benzo(a)pyrene	15.52	252	1148976	73.132	nq	97
90) Dibenzo(a,h)anthracene	17.12	278	1075795	91.352	nq	98
91) Benzo(g,h,i)perylene	17.56	276	1123920	94.519	nq	98

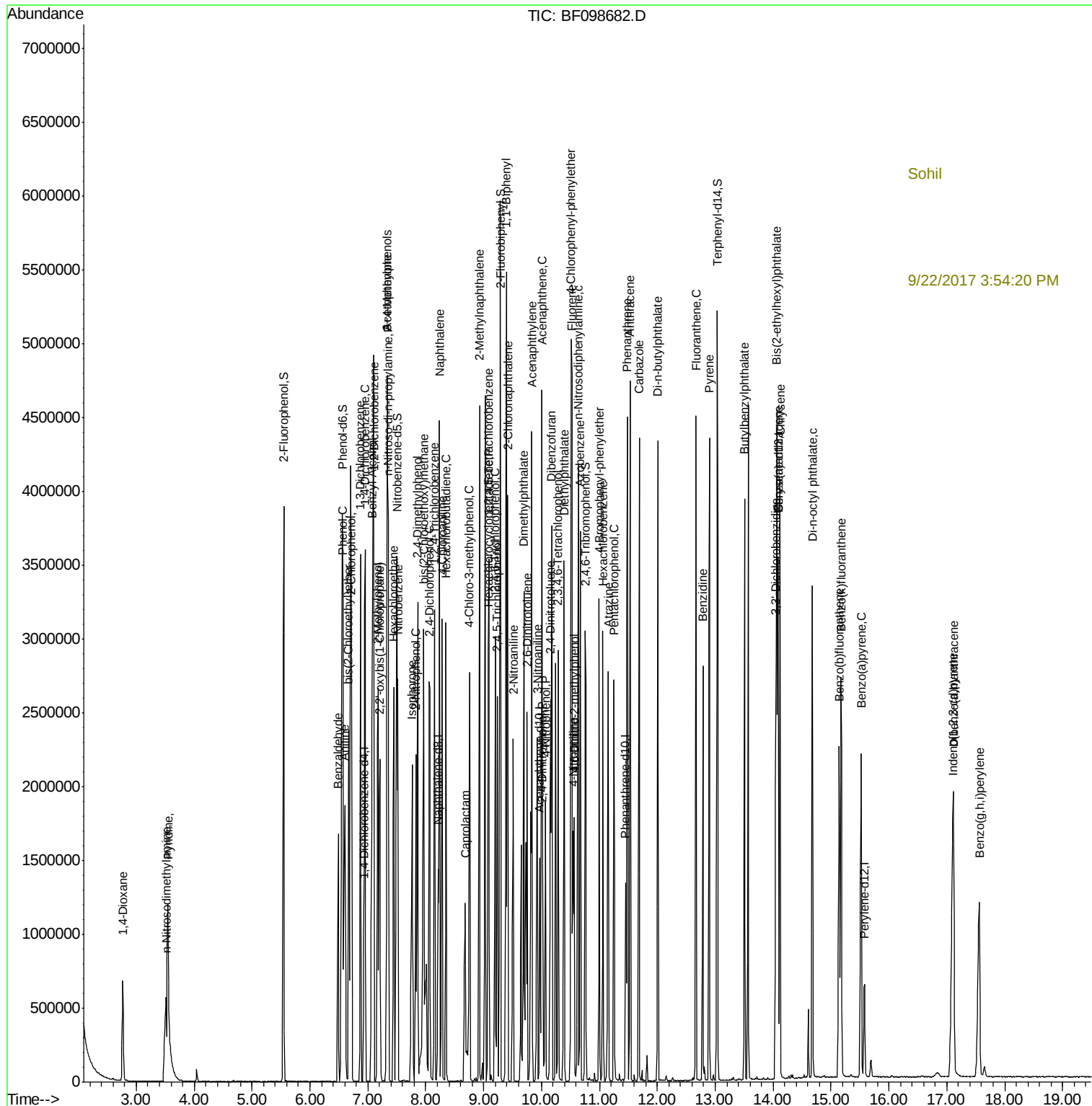
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ALS Vial  : 8    Sample Multiplier: 1
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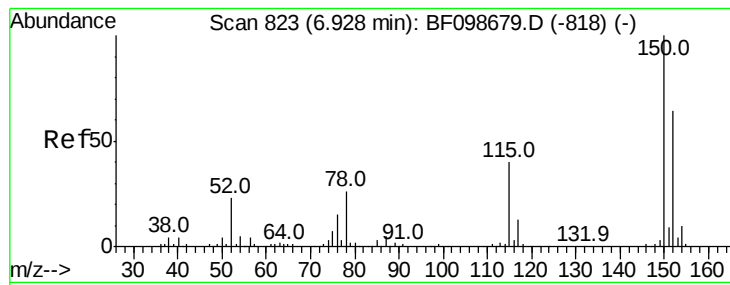
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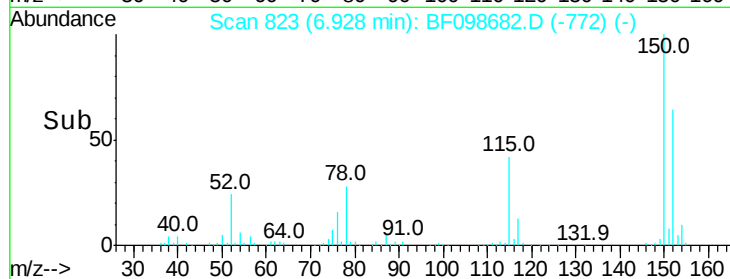
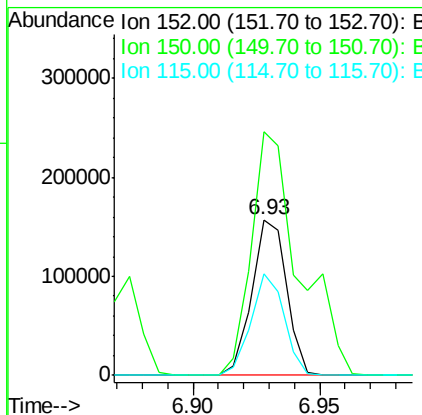
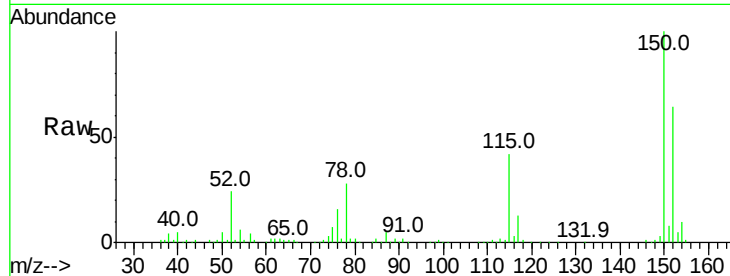
#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.93 min Scan# 823
Delta R.T. 0.00 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

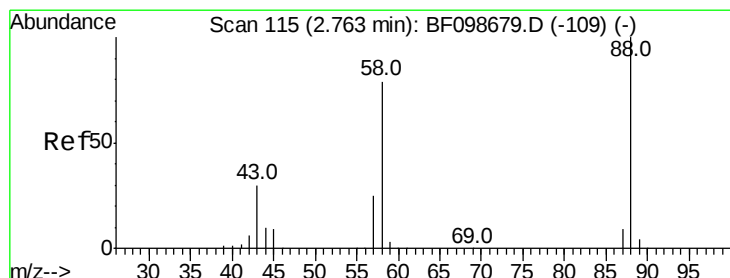
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.3	124.6	186.8
115	65.2	50.1	75.1

Manual Integrations
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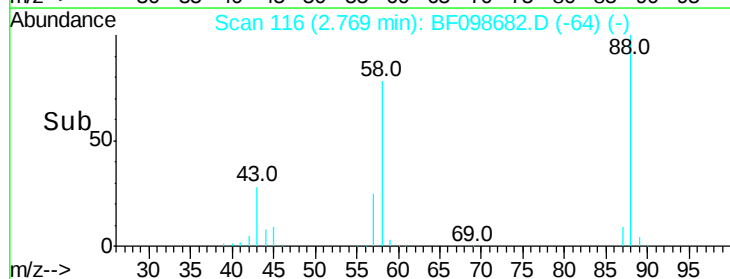
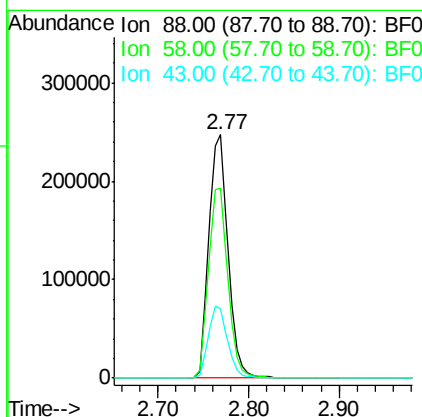
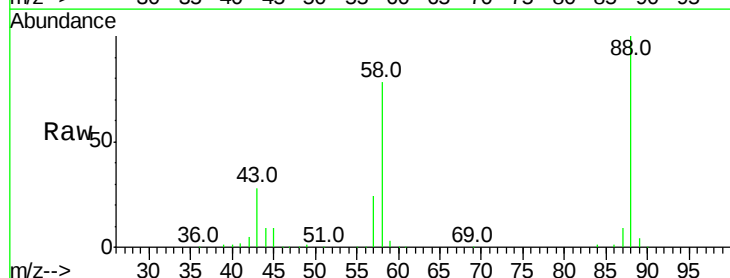
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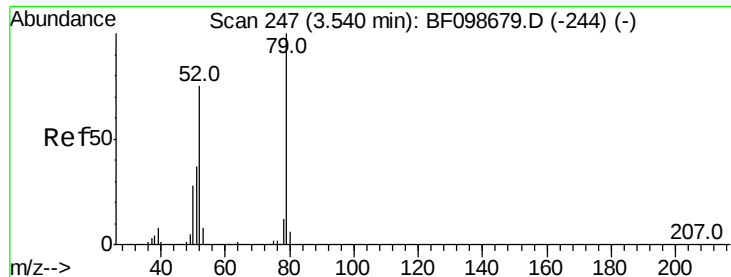


#2

1,4-Dioxane
Concen: 71.303 ng
RT: 2.77 min Scan# 116
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.8	62.6	93.8
43	29.6	24.6	37.0





#3

Pvridine

Concen: 73.511 ng

RT: 3.55 min Scan# 248

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion: 79 Resp: 1011922

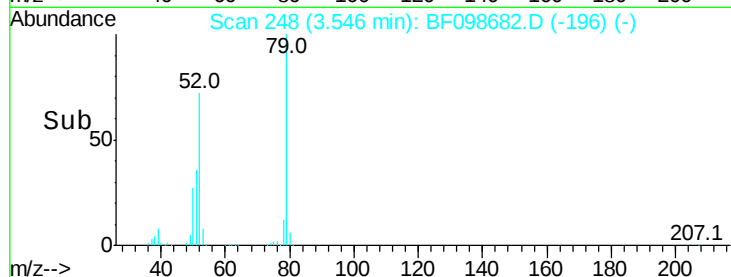
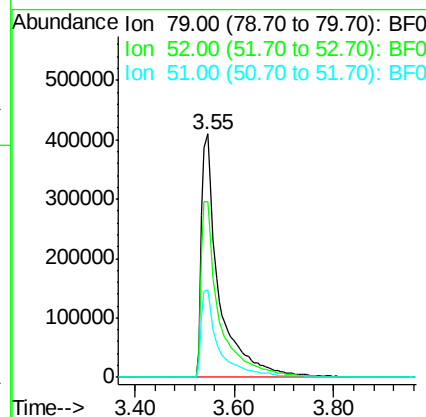
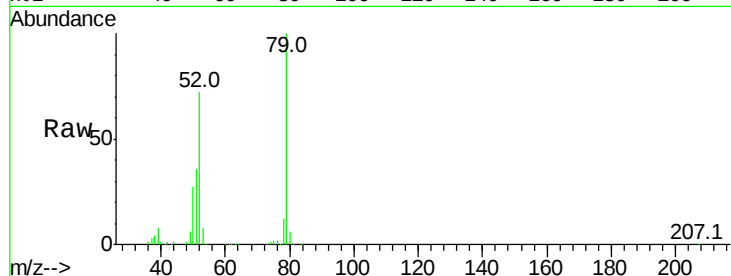
Ion Ratio Lower Upper

79 100

52 72.4 59.8 89.6

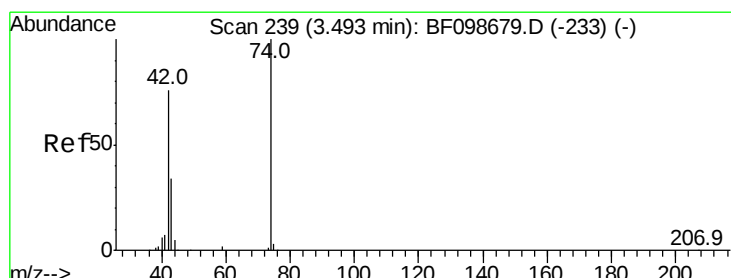
51 35.9 29.8 44.8

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#4

n-Nitrosodimethylamine

Concen: 66.877 ng

RT: 3.52 min Scan# 243

Delta R.T. 0.02 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

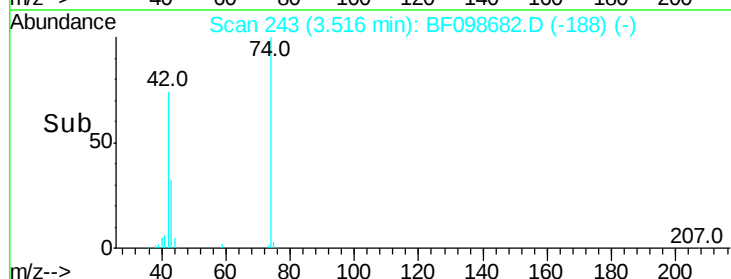
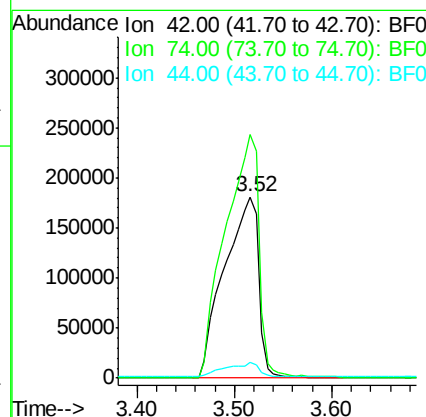
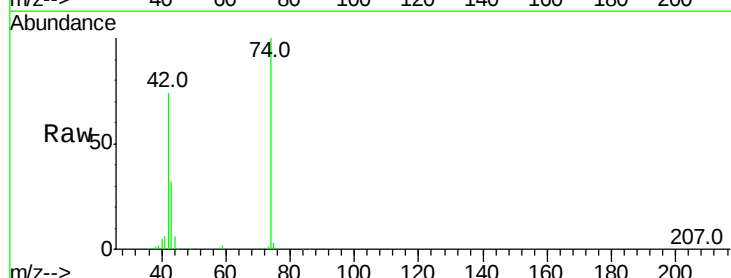
Tgt Ion: 42 Resp: 441663

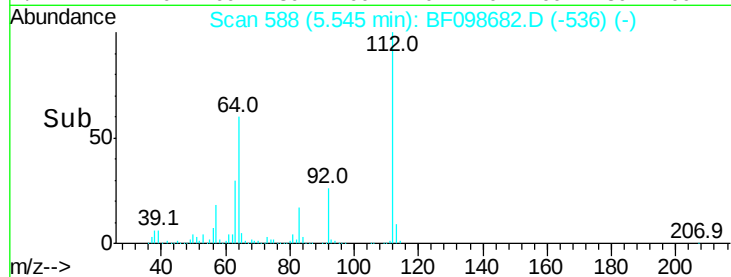
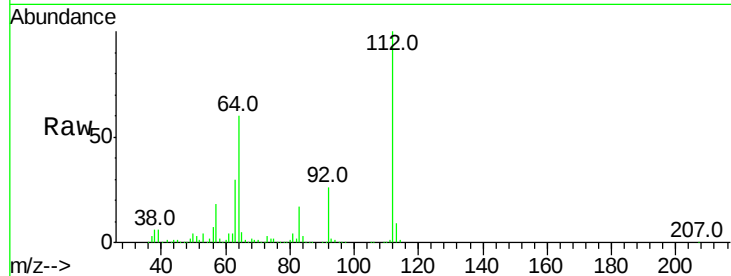
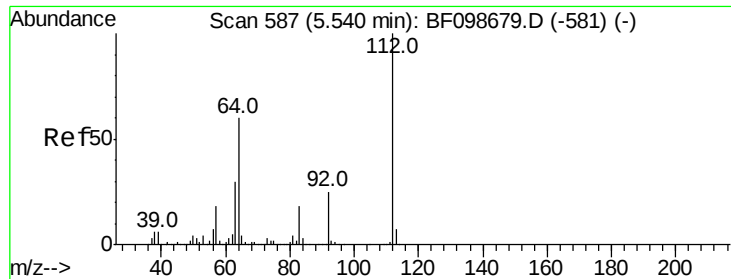
Ion Ratio Lower Upper

42 100

74 134.6 104.9 157.3

44 8.4 6.9 10.3



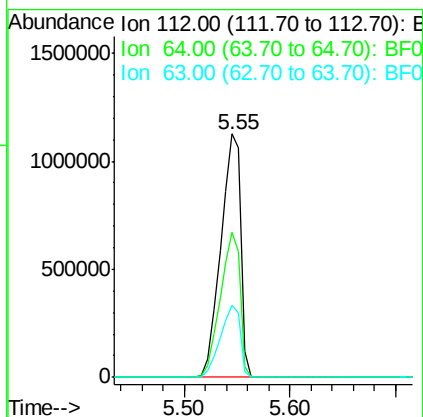


#5
2-Fluorophenol
Concen: 145.719 ng
RT: 5.55 min Scan# 588
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tot Ion: 112 Resp: 1475268
Ion Ratio Lower Upper
112 100
64 59.8 47.9 71.9
63 29.6 23.7 35.5

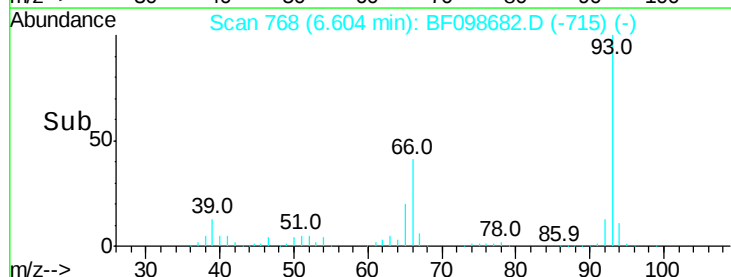
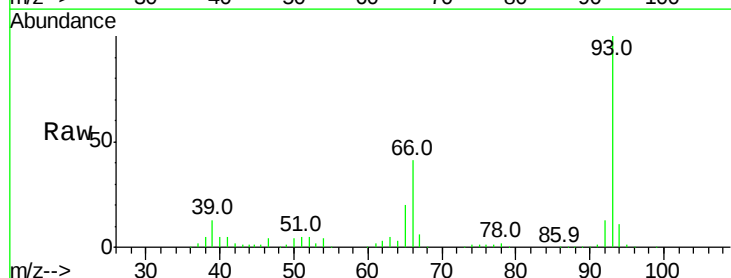
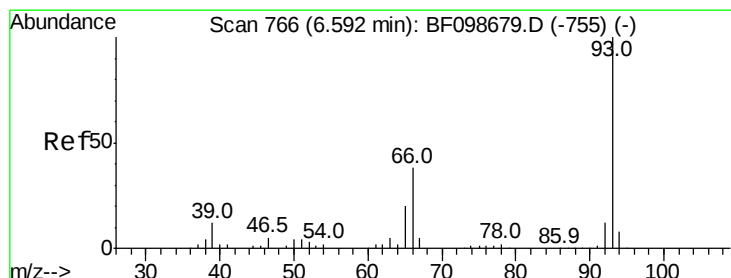
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

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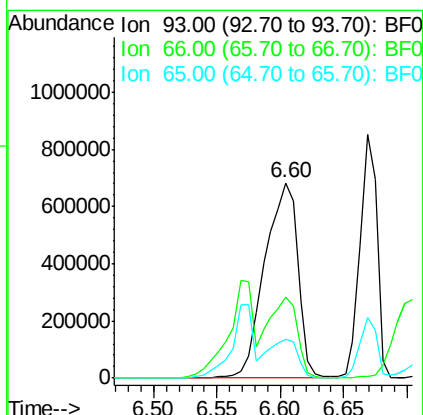
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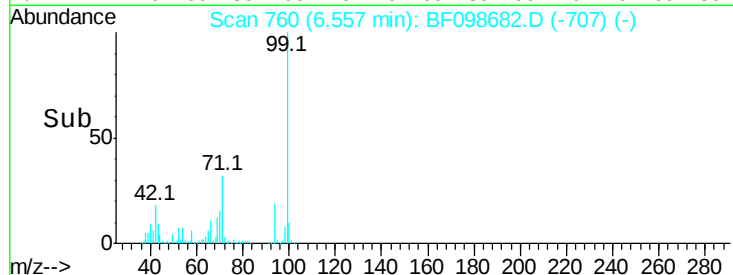
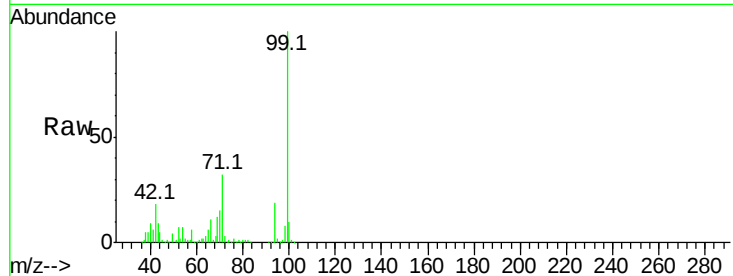
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#6
Aniline
Concen: 76.102 ng
RT: 6.60 min Scan# 768
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion: 93 Resp: 1240498
Ion Ratio Lower Upper
93 100
66 41.2 32.2 48.2
65 20.2 16.4 24.6





#7

Phenol-d6

Concen: 137.620 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Tot Ion: 99 Resp: 1769883

Ion Ratio Lower Upper

99 100

42 18.4 14.5 21.7

71 32.4 25.4 38.0

Instrument :

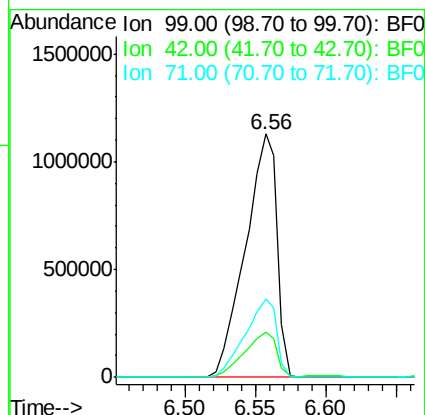
BNA_F

ClientSampleId :

SSTDIC080

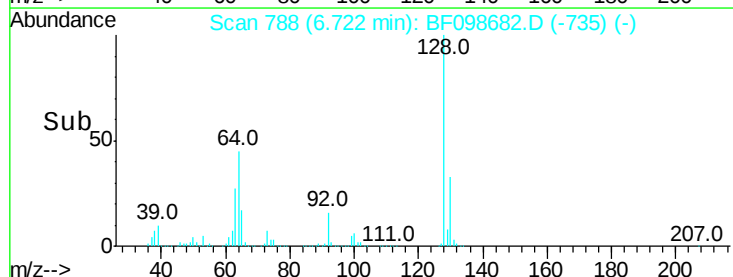
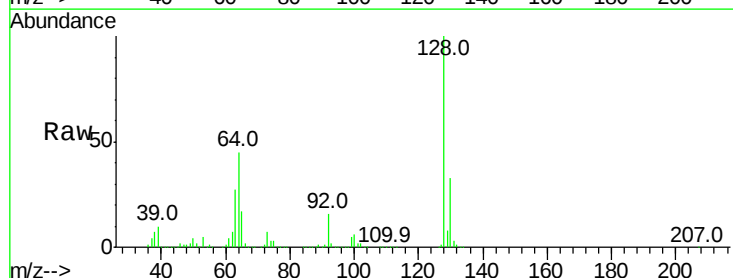
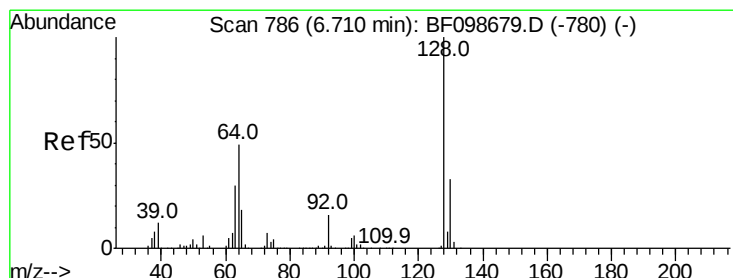
Manual Integrations

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#8

2-Chlorophenol

Concen: 71.260 ng

RT: 6.72 min Scan# 788

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

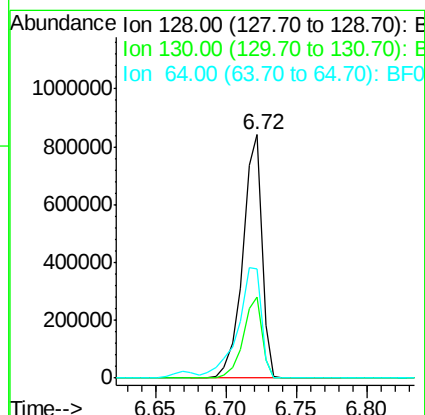
Tgt Ion: 128 Resp: 794014

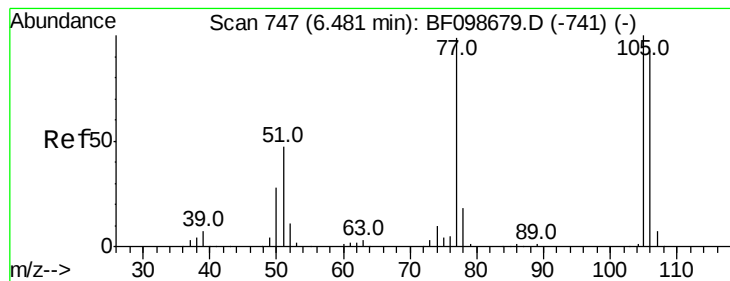
Ion Ratio Lower Upper

128 100

130 33.1 13.0 53.0

64 45.0 29.4 69.4





#9

Benzaldehyde

Concen: 53.490 ng

RT: 6.49 min Scan# 748

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampleID :

SSTDIC080

Tot Ion: 77 Resp: 441504

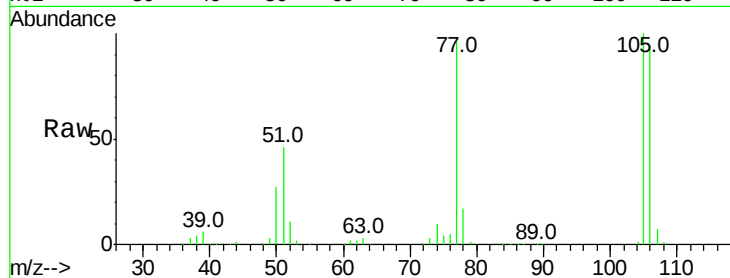
Ion Ratio Lower Upper

77 100

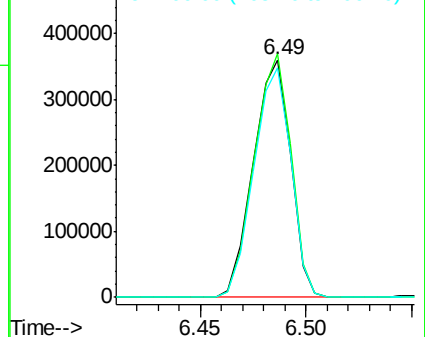
105 102.5 81.1 121.1

106 96.7 74.5 114.5

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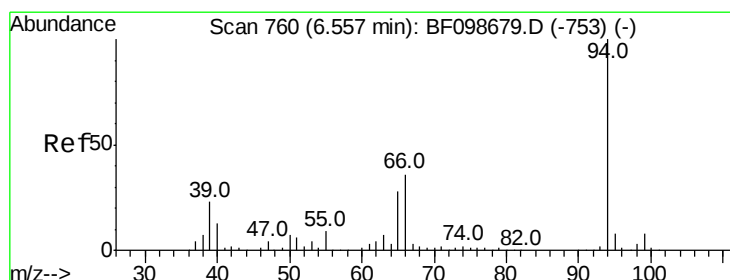
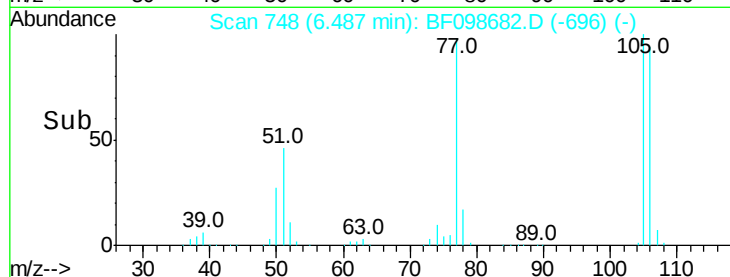


Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 106.00 (105.70 to 106.70): BF0



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#10

Phenol

Concen: 66.519 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.02 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

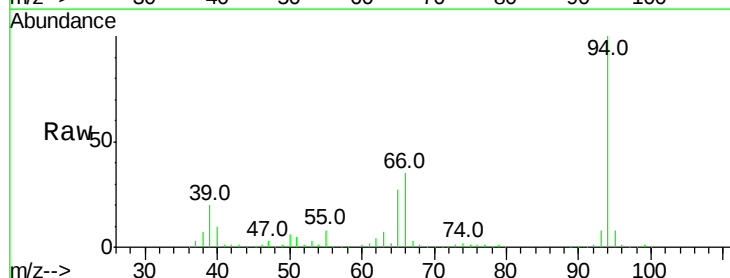
Tgt Ion: 94 Resp: 986204

Ion Ratio Lower Upper

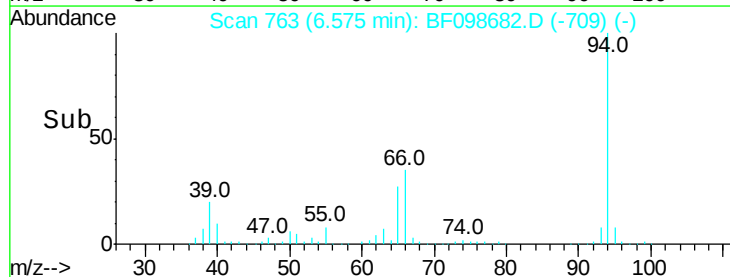
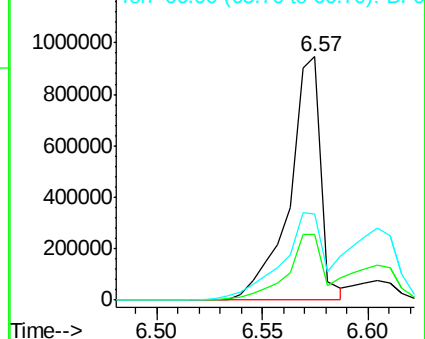
94 100

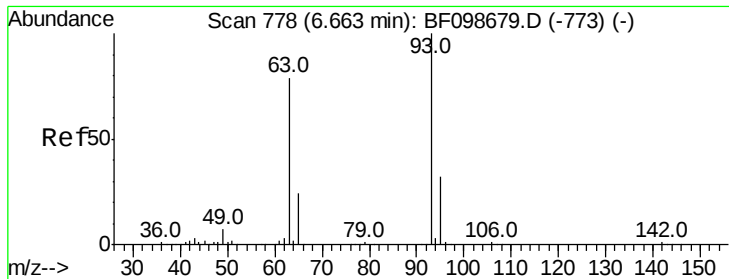
65 27.1 7.9 47.9

66 35.5 16.2 56.2



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#11

bis(2-Chloroethyl)ether

Concen: 69.578 ng

RT: 6.67 min Scan# 779

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

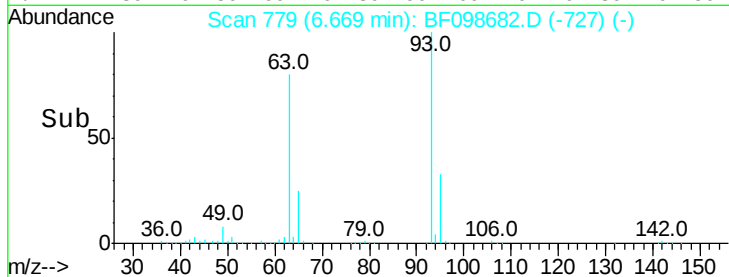
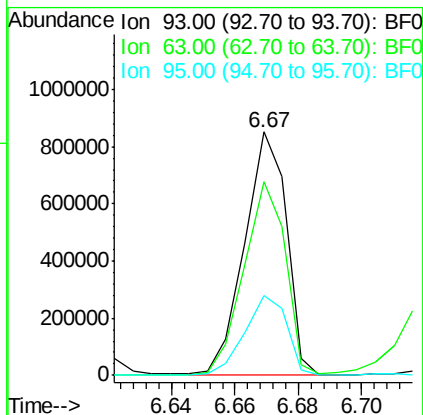
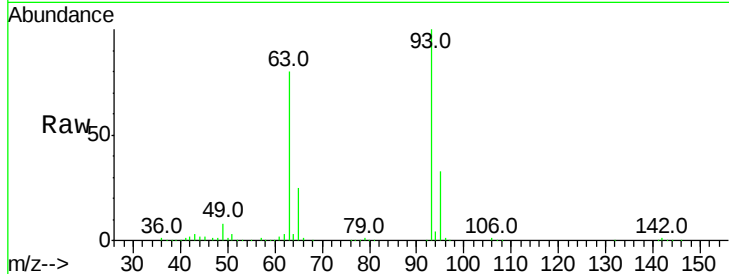
BNA_F

ClientSampleId :

SSTDIC080

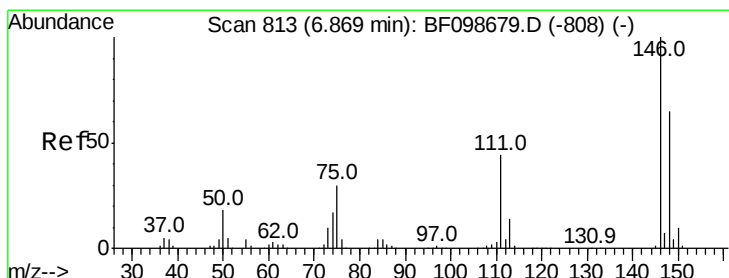
Tot Ion:	93	Resp:	776674
Ion Ratio	Lower	Upper	
93	100		
63	79.8	58.6	98.6
95	32.7	11.8	51.8

Manual Integrations
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#12

1,3-Dichlorobenzene

Concen: 74.772 ng

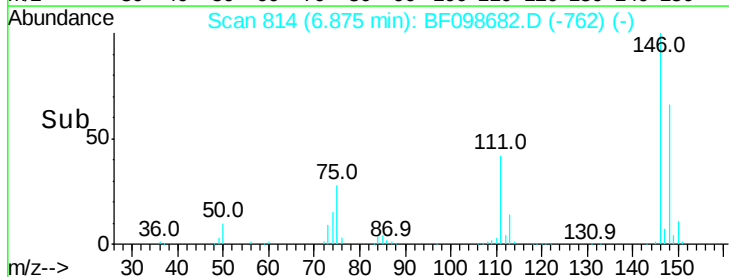
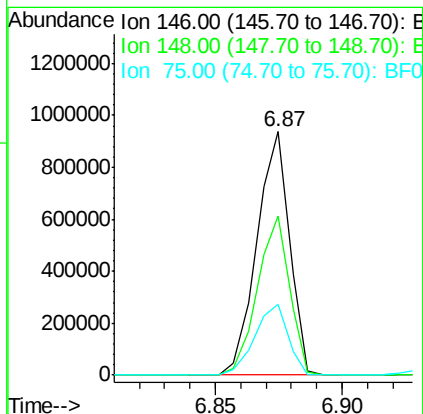
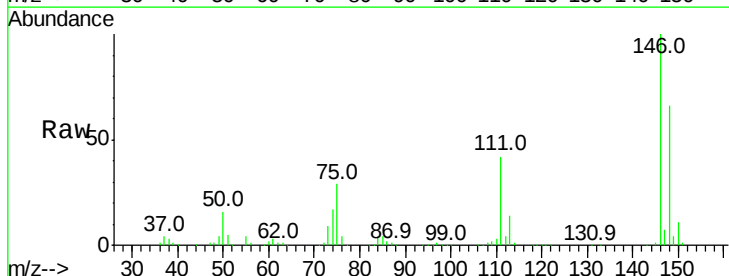
RT: 6.87 min Scan# 814

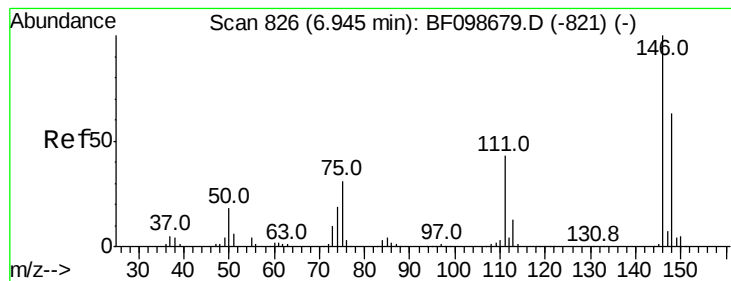
Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Tgt Ion:	146	Resp:	845106
Ion Ratio	Lower	Upper	
146	100		
148	65.6	51.8	77.8
75	29.3	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 73.178 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

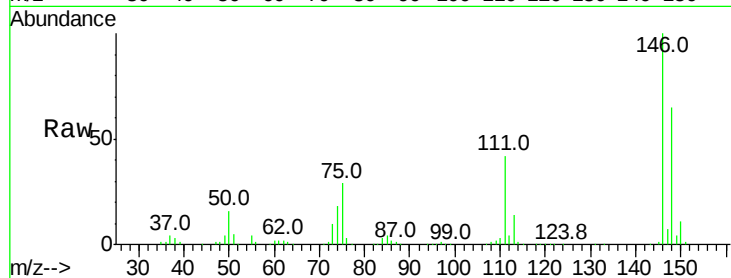
BNA_F

ClientSampleId :

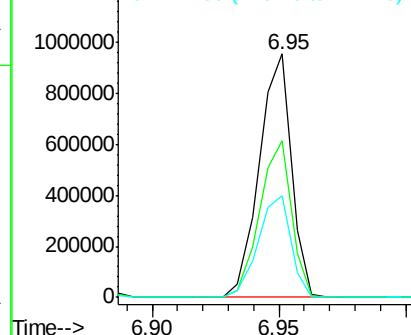
SSTDIC080

Tot Ion:	146	Resp:	846058
Ion Ratio	Lower	Upper	
146	100		
148	64.5	50.8	76.2
111	41.8	34.2	51.2

Manual Integrations
APPROVED

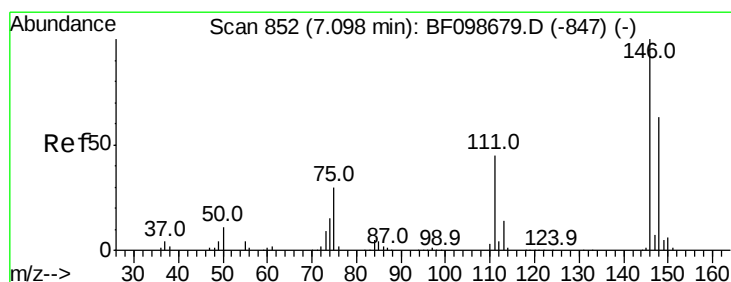
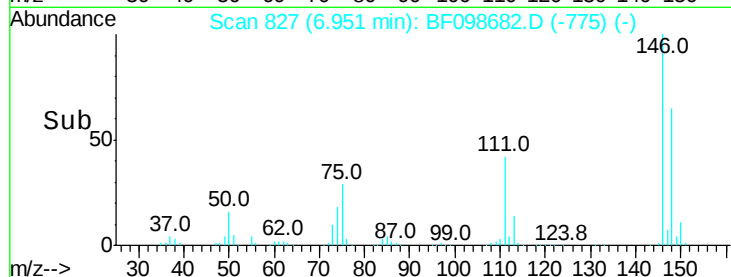


Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



Sohil

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#14

1,2-Dichlorobenzene

Concen: 72.184 ng

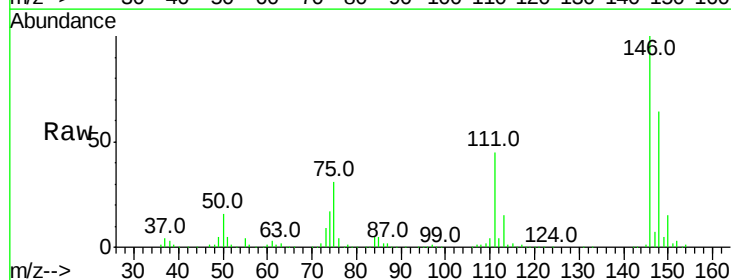
RT: 7.10 min Scan# 853

Delta R.T. 0.01 min

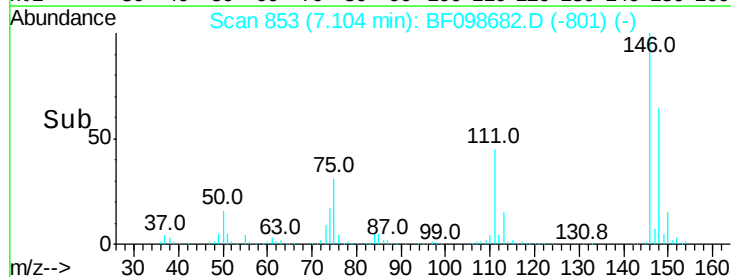
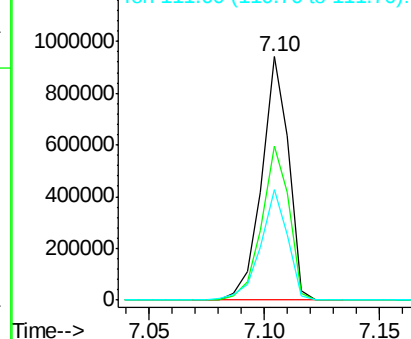
Lab File: BF098682.D

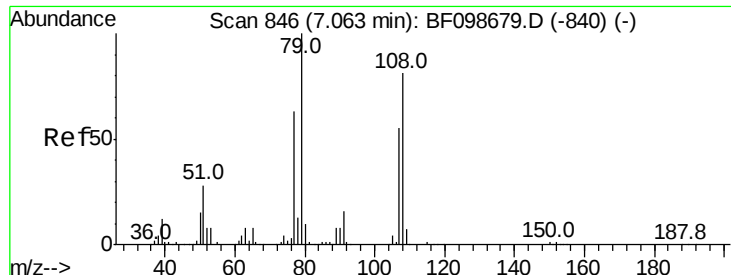
Acq: 22 Sep 2017 4:23

Tgt Ion:	146	Resp:	765439
Ion Ratio	Lower	Upper	
146	100		
148	63.5	50.6	75.8
111	45.2	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



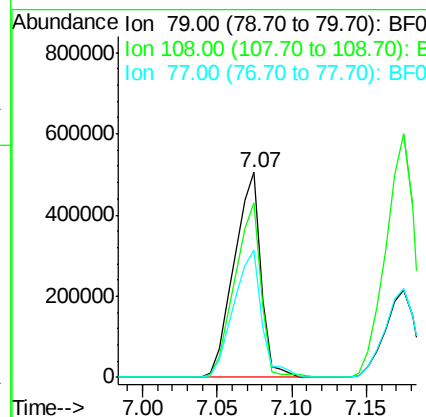
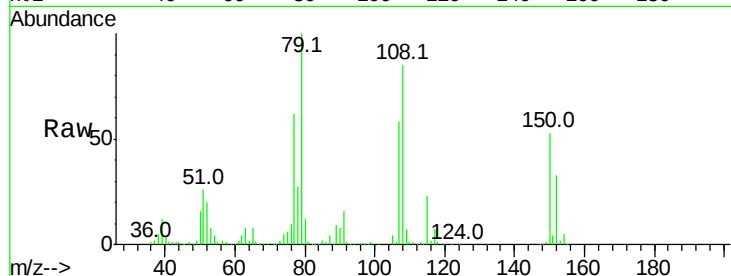


#15
Benzyl Alcohol
Concen: 73.321 ng
RT: 7.07 min Scan# 848
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampled :
SSTDIC080

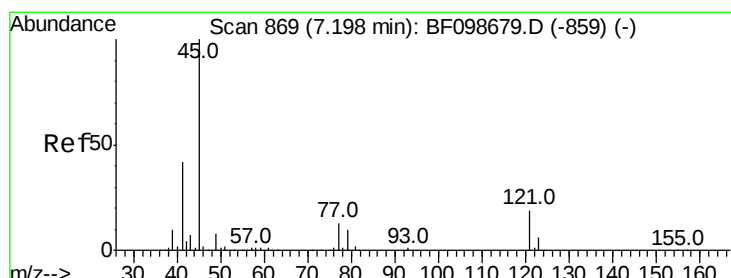
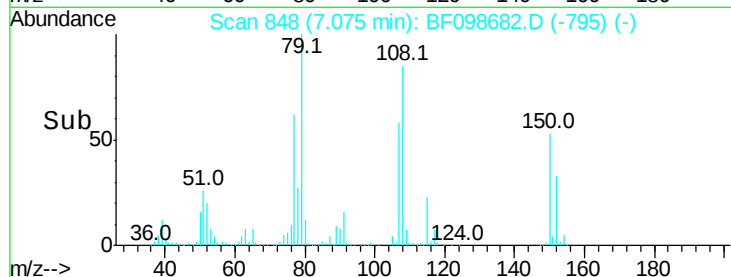
Tot Ion	Ratio	Lower	Upper
79	100		
108	85.3	65.1	97.7
77	62.0	50.6	75.8

Manual Integrations
APPROVED



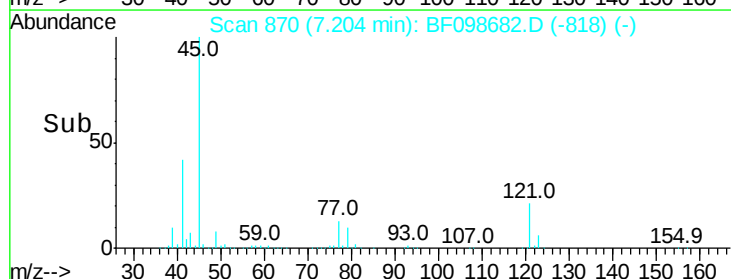
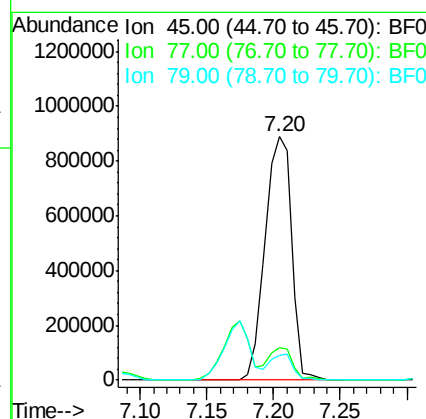
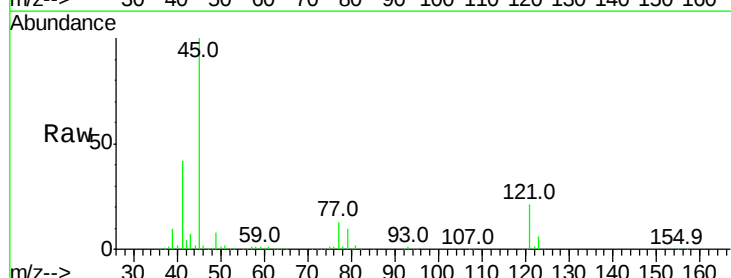
Sohil

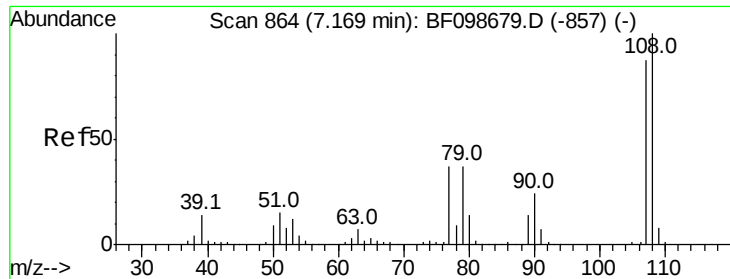
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#16
2,2'-oxybis(1-chloropropane)
Concen: 66.542 ng
RT: 7.20 min Scan# 870
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.4	0.0	32.9
79	10.2	0.0	29.6



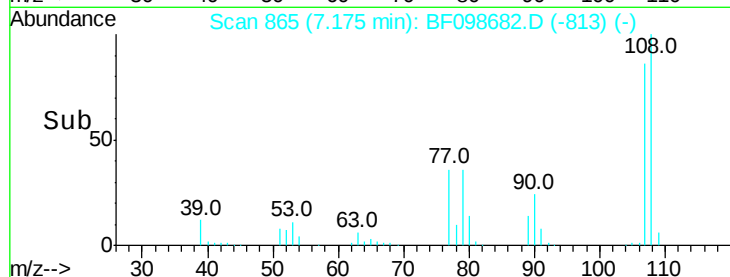
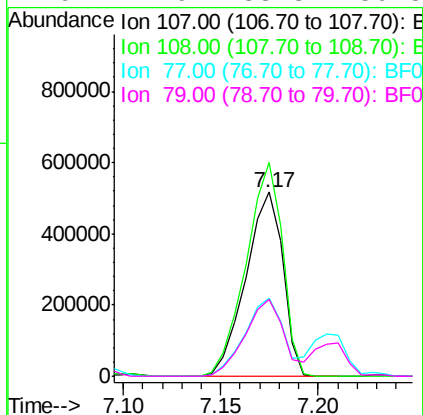
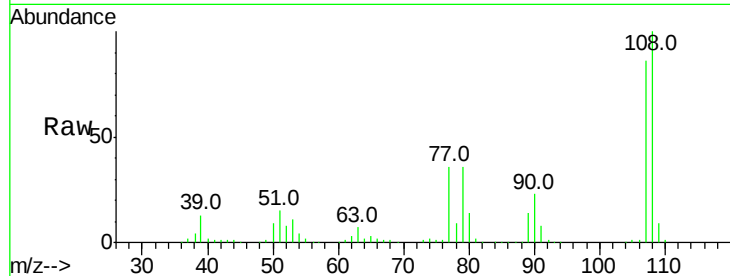


#17
2-Methylphenol
Concen: 74.861 ng
RT: 7.17 min Scan# 865
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

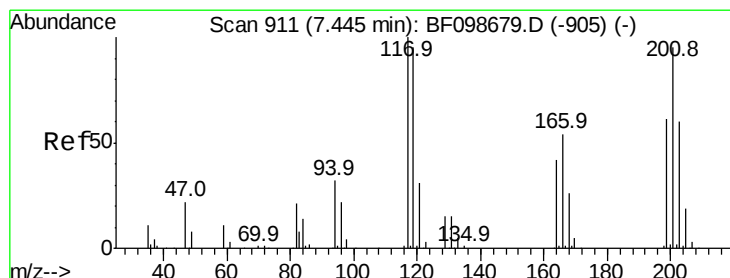
Tot Ion	Ratio	Resp	Lower	Upper
107	100	680920		
108	116.2		91.7	137.5
77	42.3		33.8	50.8
79	41.9		33.8	50.8

Manual Integrations
APPROVED



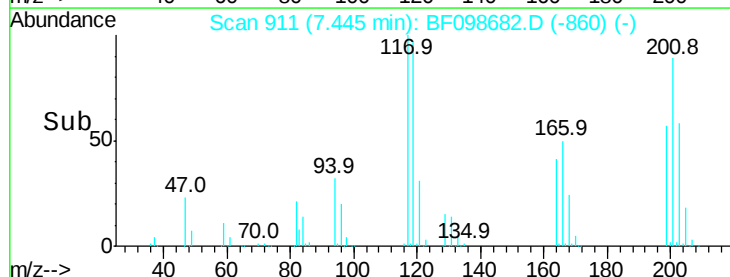
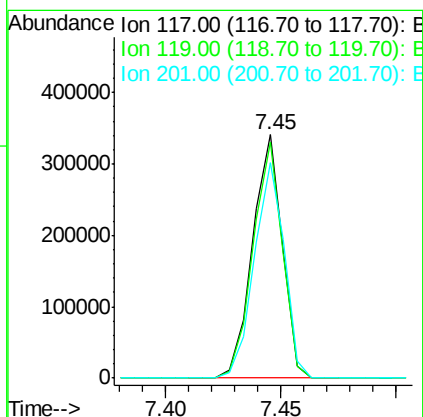
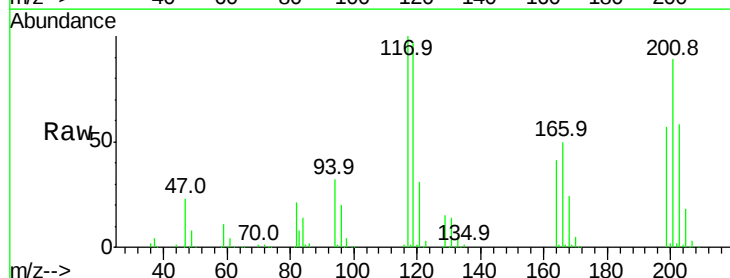
Sohil

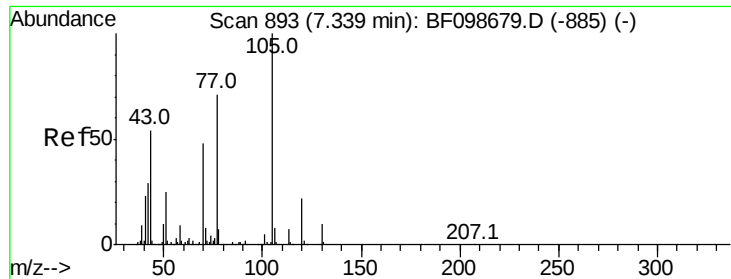
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#18
Hexachloroethane
Concen: 70.092 ng
RT: 7.45 min Scan# 911
Delta R.T. 0.00 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	305672		
119	96.7		75.8	113.8
201	88.7		75.7	113.5



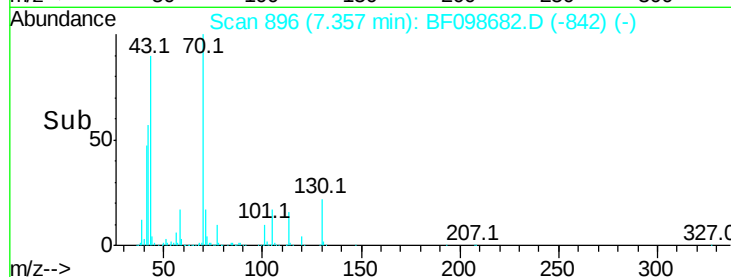
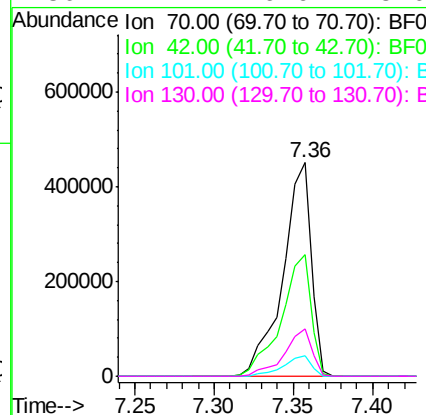
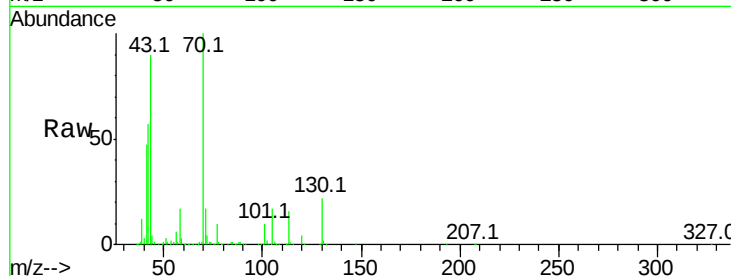


#19
n-Nitroso-di-n-propylamine
Concen: 69.352 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.02 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

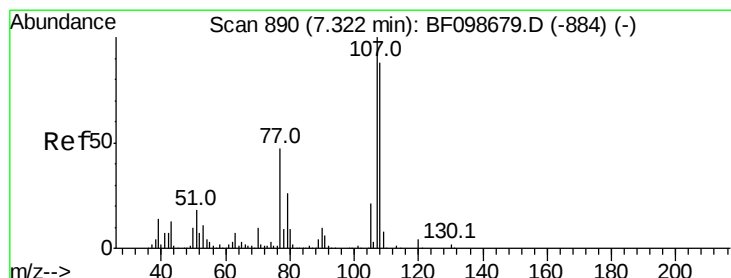
Tot Ion	70	Resp	559711
Ion Ratio	Lower	Upper	
70	100		
42	57.0	47.5	71.3
101	9.7	7.4	11.2
130	22.2	16.6	25.0

Manual Integrations
APPROVED



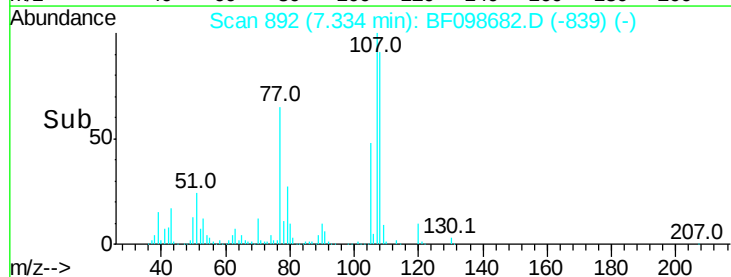
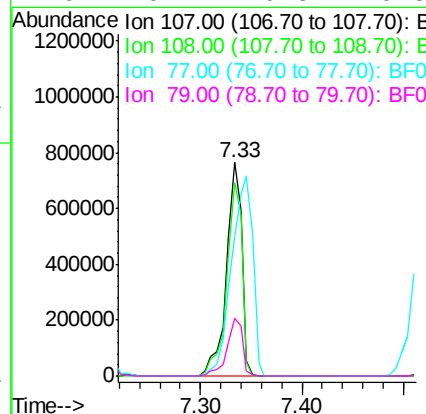
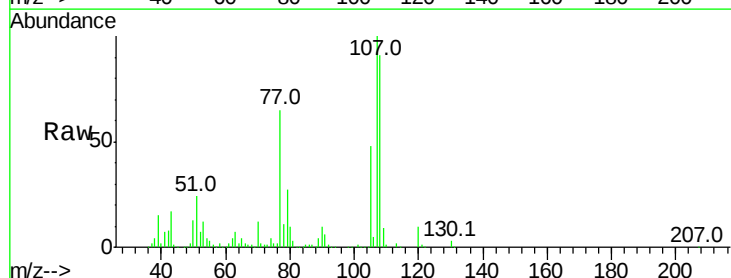
Sohil

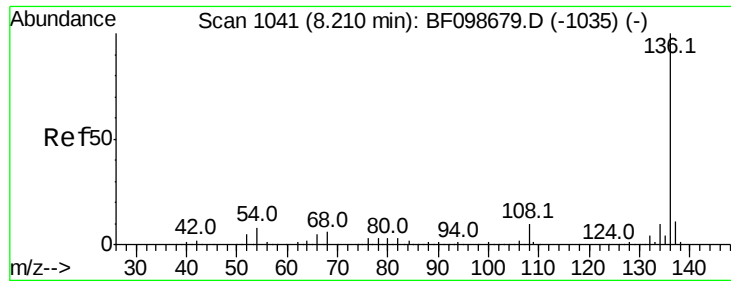
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#20
3+4-Methylphenols
Concen: 69.397 ng
RT: 7.33 min Scan# 892
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	107	Resp	801667
Ion Ratio	Lower	Upper	
107	100		
108	90.5	68.2	108.2
77	65.3	26.7	66.7
79	26.7	6.3	46.3



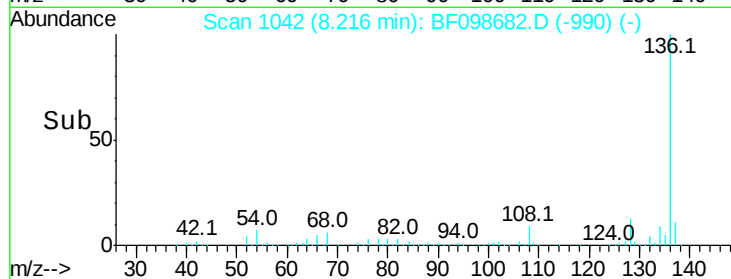
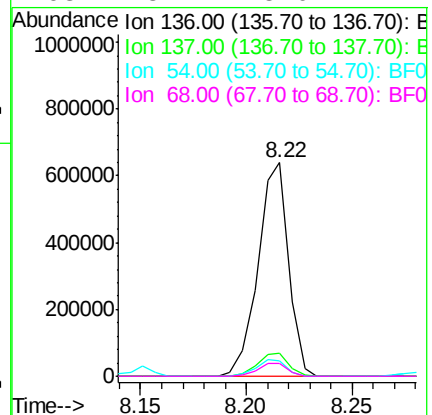
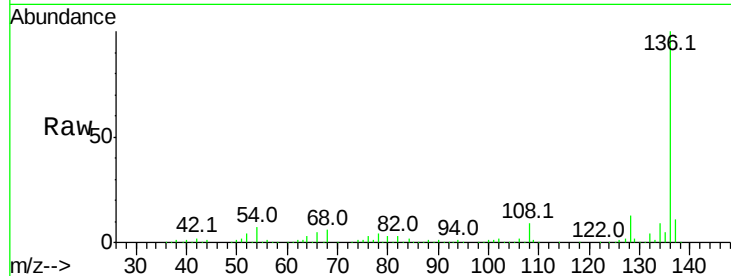


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1042
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

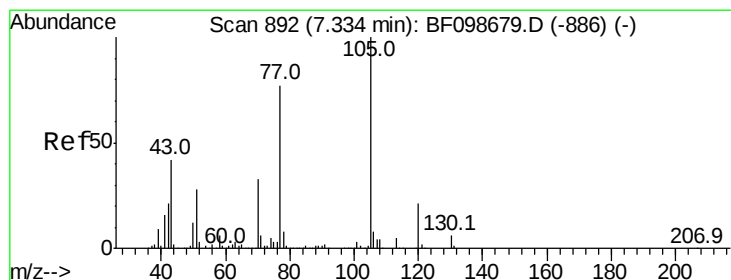
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	10.8	8.9	13.3	
54	7.5	6.6	9.8	
68	5.7	5.0	7.4	

Manual Integrations
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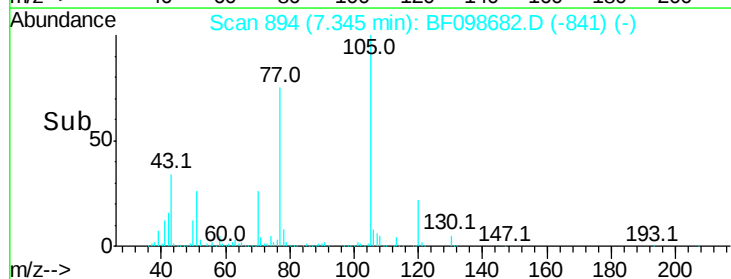
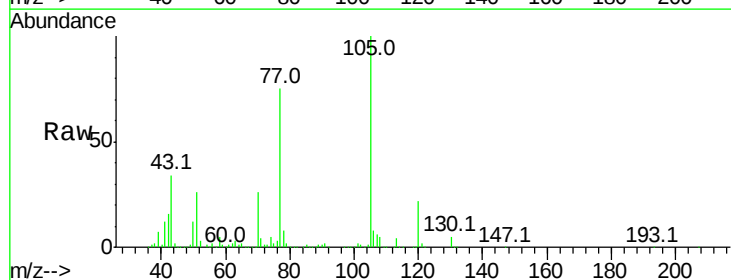
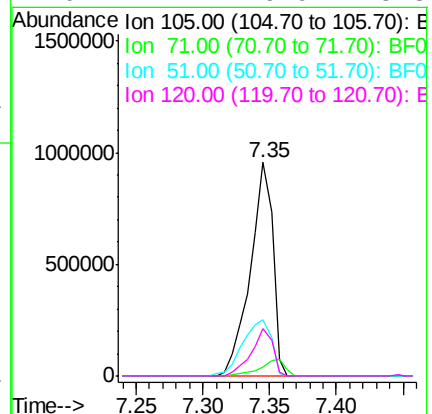
Sohil

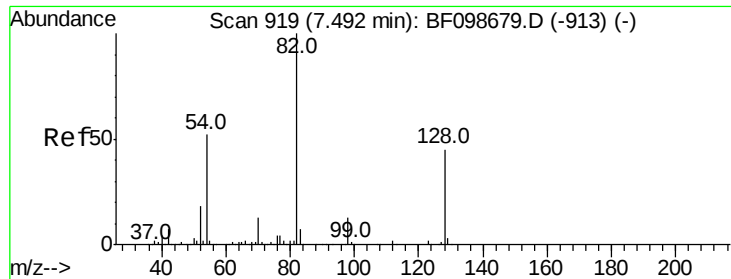
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#22
Acetophenone
Concen: 66.936 ng
RT: 7.35 min Scan# 894
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	4.3	4.4	6.6#	
51	26.4	22.3	33.5	
120	22.2	16.9	25.3	



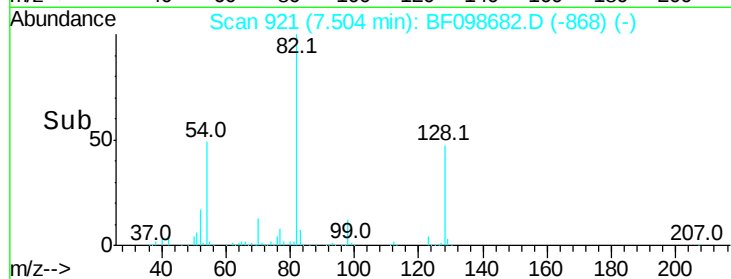
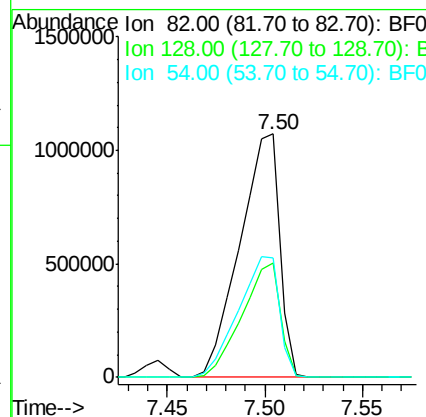
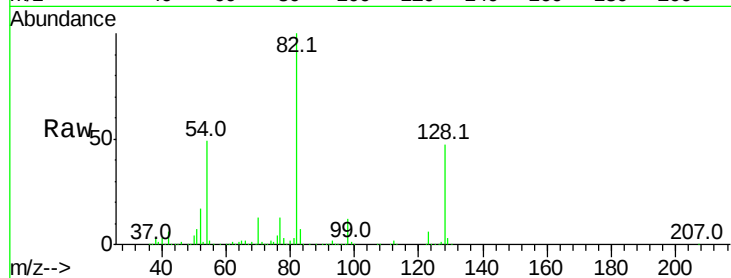


#23
Nitrobenzene-d5
Concen: 134.910 ng
RT: 7.50 min Scan# 921
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampled :
SSTDIC080

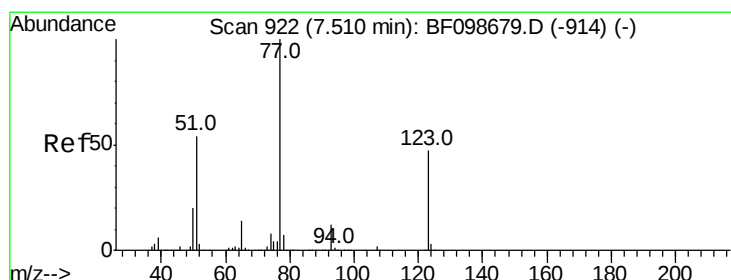
Tot Ion: 82 Resp: 1517149
Ion Ratio Lower Upper
82 100
128 47.2 36.1 54.1
54 49.2 41.4 62.2

Manual Integrations
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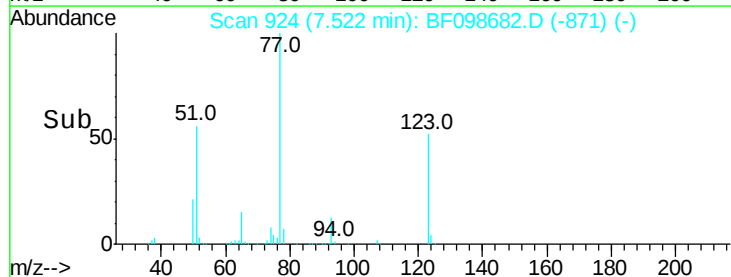
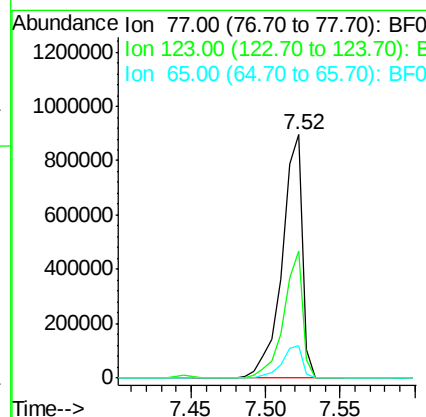
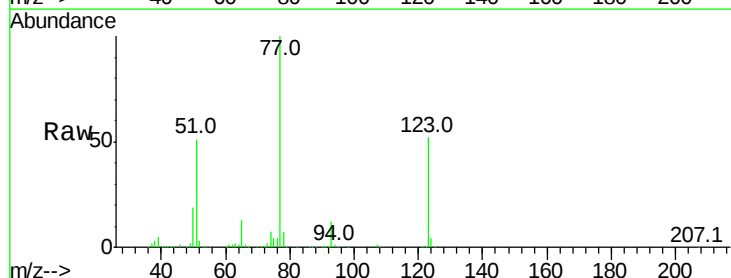
Sohil

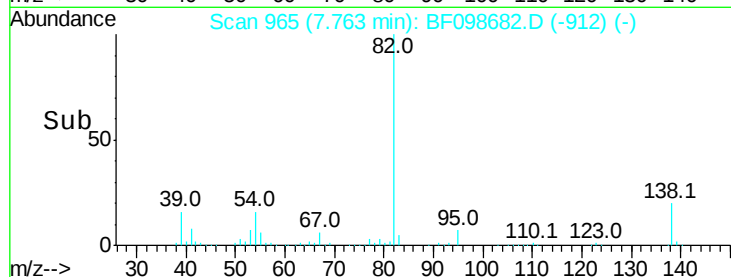
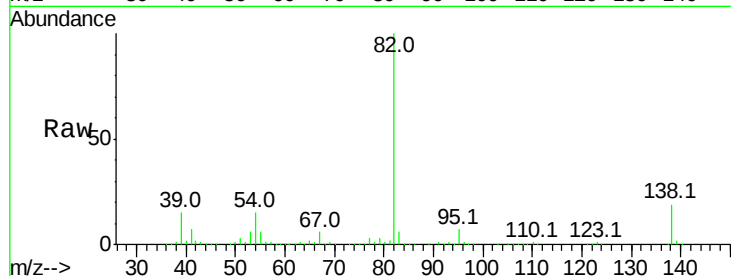
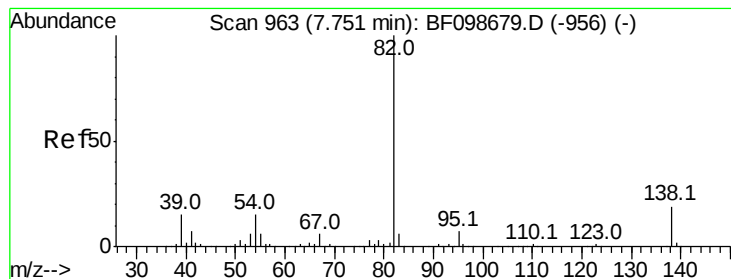
9/22/2017 3:54:20 PM



#24
Nitrobenzene
Concen: 66.303 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion: 77 Resp: 850369
Ion Ratio Lower Upper
77 100
123 52.1 37.9 56.9
65 13.3 11.0 16.4





#25

Isophorone

Concen: 69.466 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Tot Ion: 82 Resp: 1589017

Ion Ratio Lower Upper

82 100

95 6.7 5.2 7.8

138 19.1 14.9 22.3

Instrument :

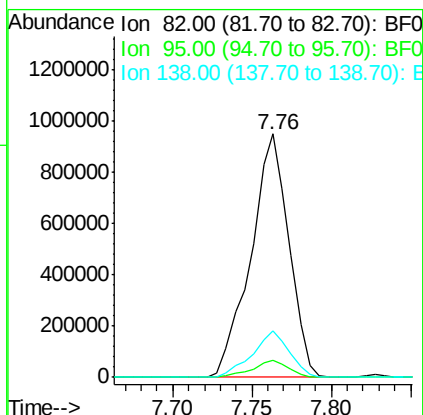
BNA_F

ClientSampled :

SSTDIC080

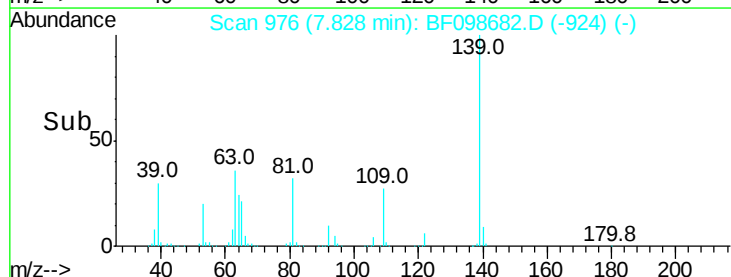
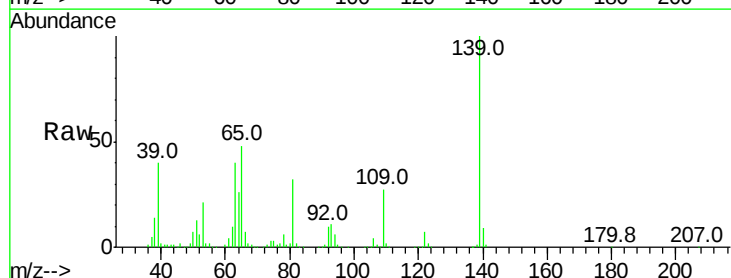
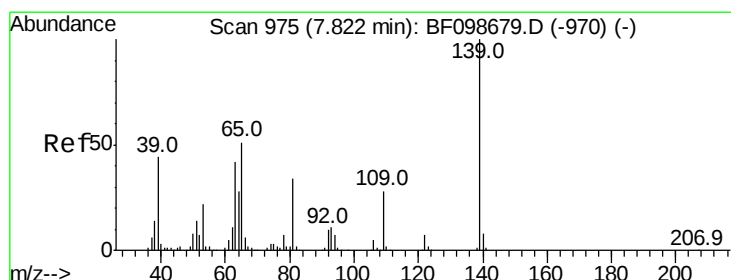
Manual Integrations

APPROVED



Sohil

9/22/2017 3:54:20 PM



#26

2-Nitrophenol

Concen: 79.812 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

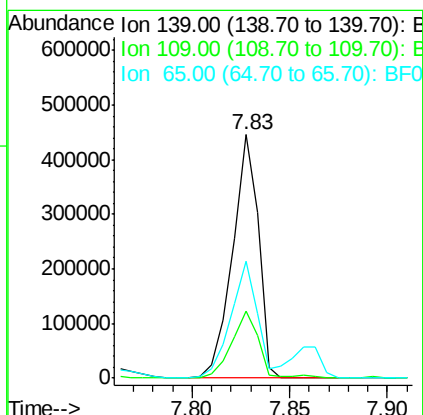
Tgt Ion: 139 Resp: 409929

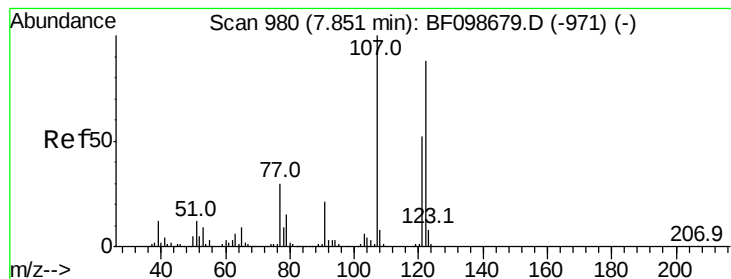
Ion Ratio Lower Upper

139 100

109 27.3 22.7 34.1

65 47.8 40.5 60.7



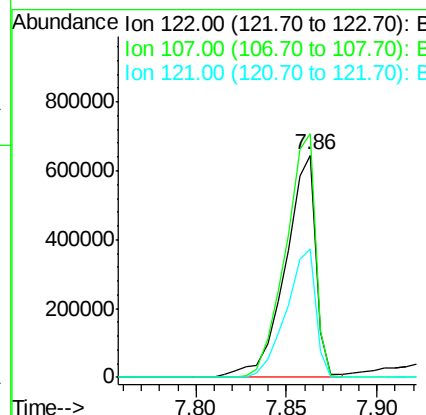
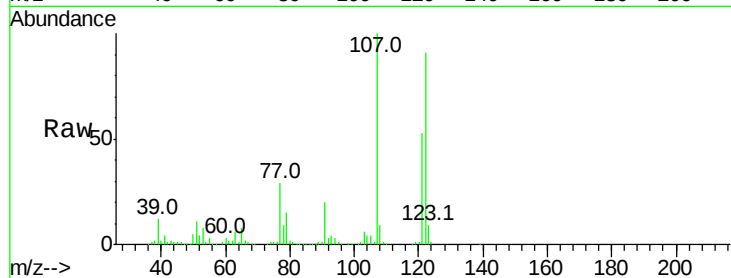


#27
 2,4-Dimethylphenol
 Concen: 75.348 ng
 RT: 7.86 min Scan# 982
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC080

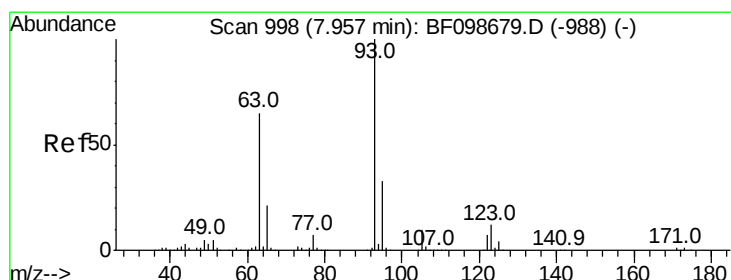
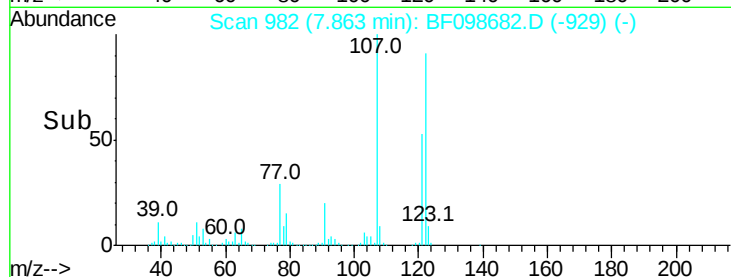
Tot Ion	Ratio	Resp	Lower	Upper
122	100	760508		
107	109.7	91.2	136.8	
121	58.1	47.2	70.8	

Manual Integrations
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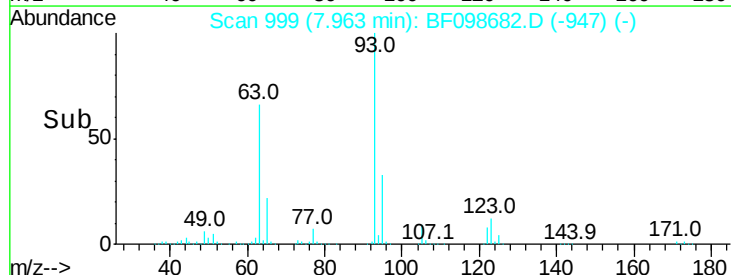
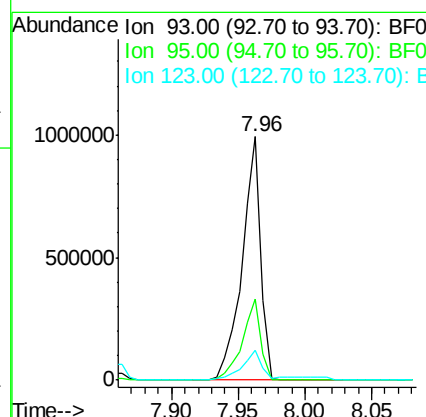
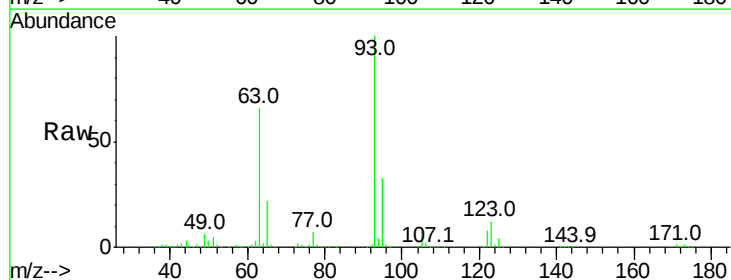
Sohil

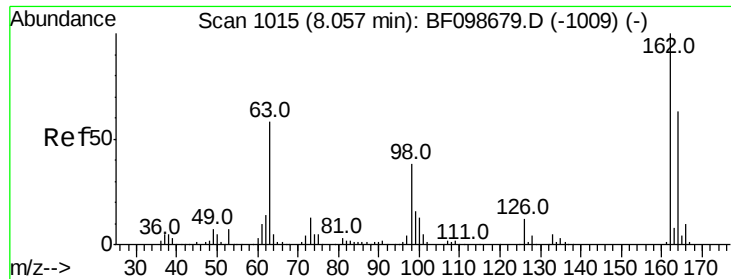
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#28
 bis(2-Chloroethoxy)methane
 Concen: 68.976 ng
 RT: 7.96 min Scan# 999
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	963502		
95	33.3	26.3	39.5	
123	12.0	9.8	14.6	



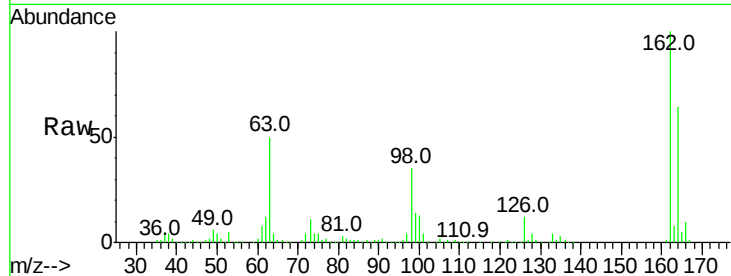


#29
2,4-Dichlorophenol
Concen: 79.771 ng
RT: 8.07 min Scan# 1017
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

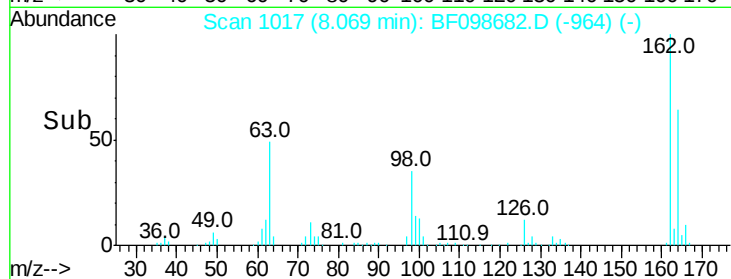
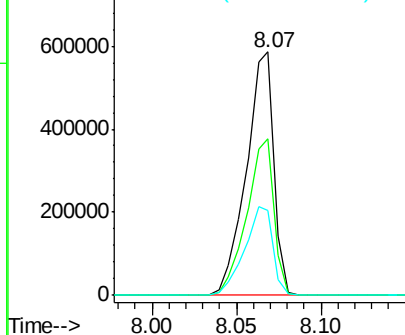
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	64.2	42.7	82.7
98	35.1	18.1	58.1

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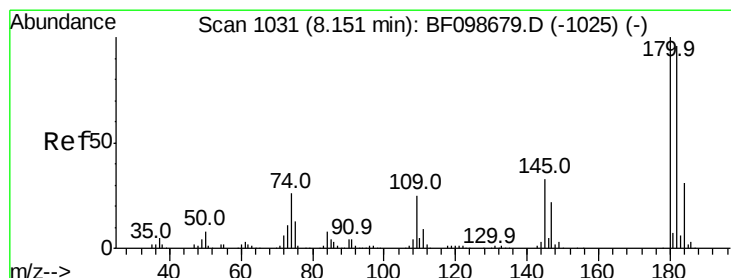


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF0



Sohil

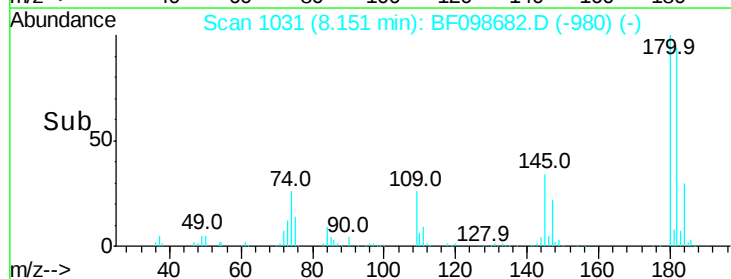
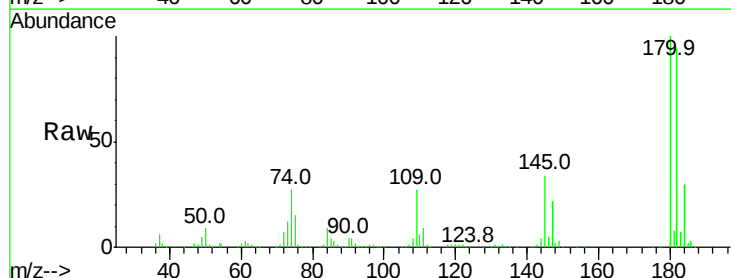
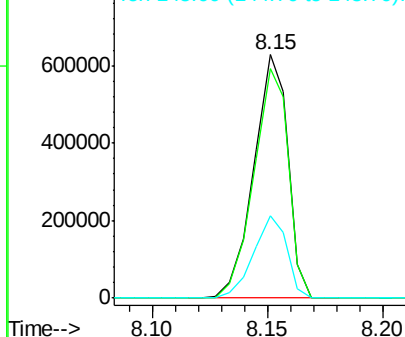
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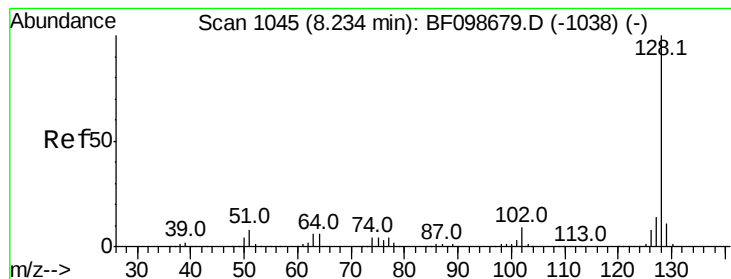


#30
1,2,4-Trichlorobenzene
Concen: 71.456 ng
RT: 8.15 min Scan# 1031
Delta R.T. 0.00 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.0	76.8	115.2
145	33.8	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: 67.843 ng

RT: 8.24 min Scan# 1046

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampled :

SSTDIC080

Tot Ion:128 Resp: 2141297

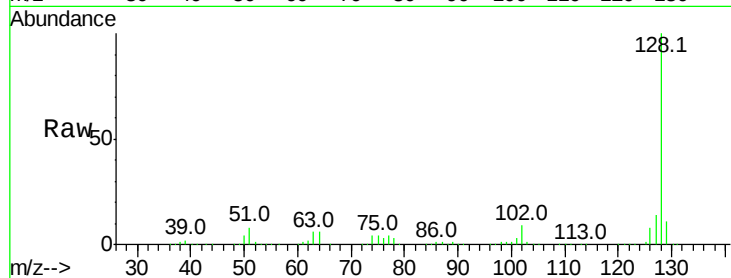
Ion Ratio Lower Upper

128 100

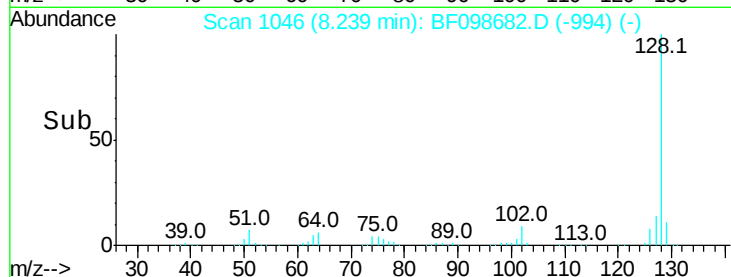
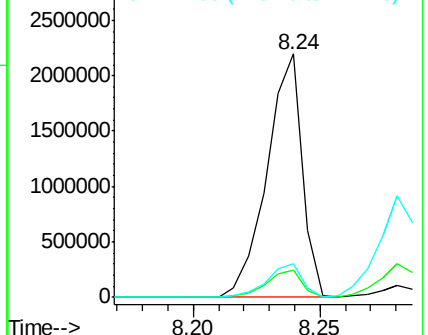
129 11.3 8.8 13.2

127 13.9 10.9 16.3

Manual Integrations
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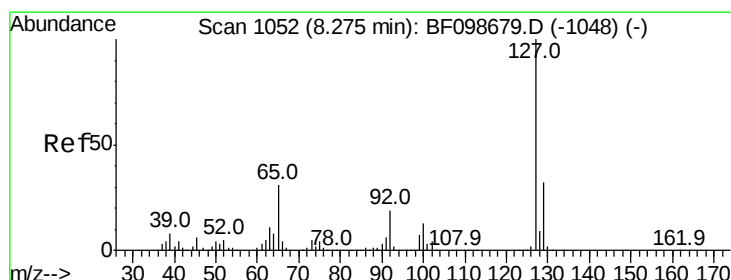


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



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#33

4-Chloroaniline

Concen: 70.804 ng

RT: 8.28 min Scan# 1053

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Tgt Ion:127 Resp: 909256

Ion Ratio Lower Upper

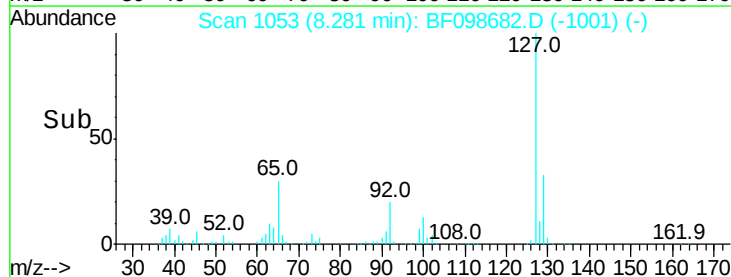
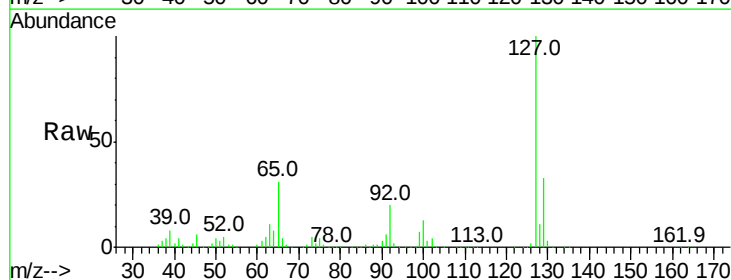
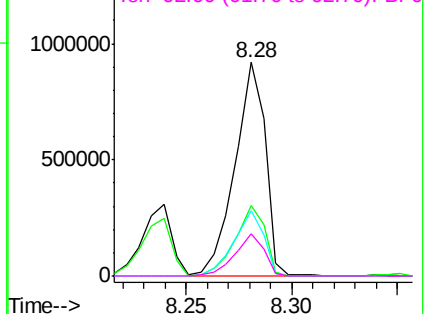
127 100

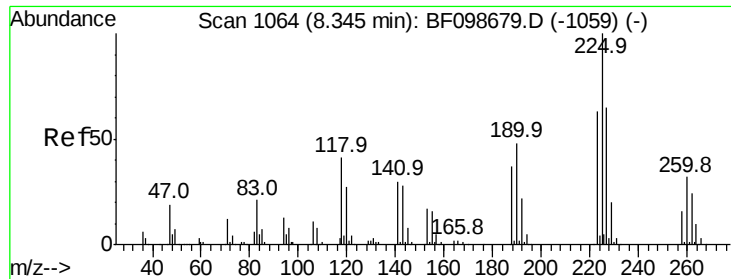
129 32.9 25.9 38.9

65 30.6 25.0 37.4

92 19.7 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): BF0
Ion 92.00 (91.70 to 92.70): BF0



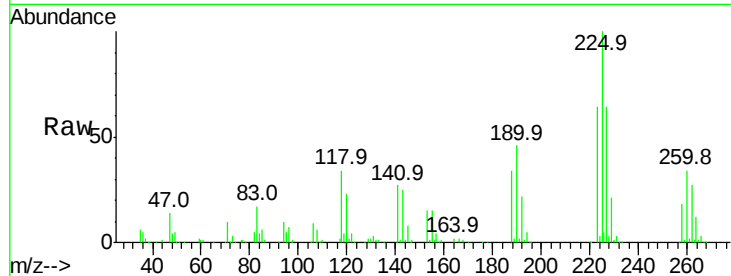


#34
Hexachlorobutadiene
Concen: 74.150 ng
RT: 8.35 min Scan# 1065
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

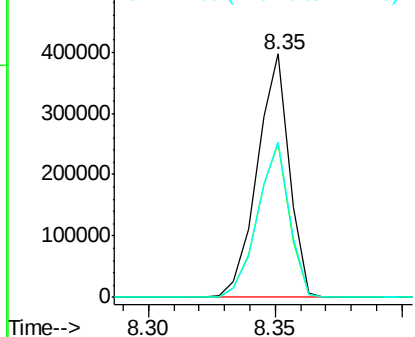
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.5	50.6	76.0	
227	63.6	51.9	77.9	

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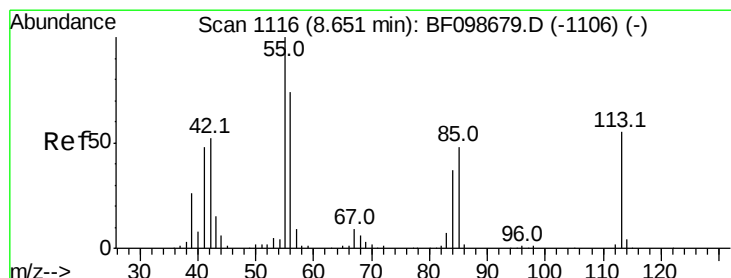
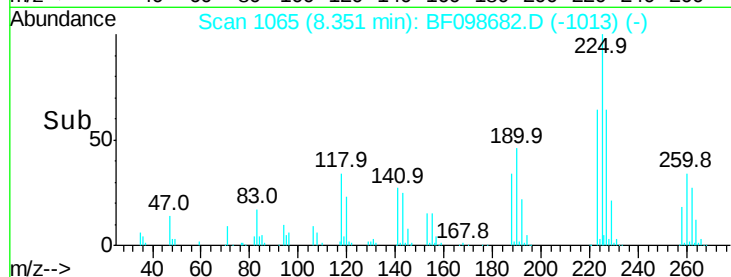


Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E



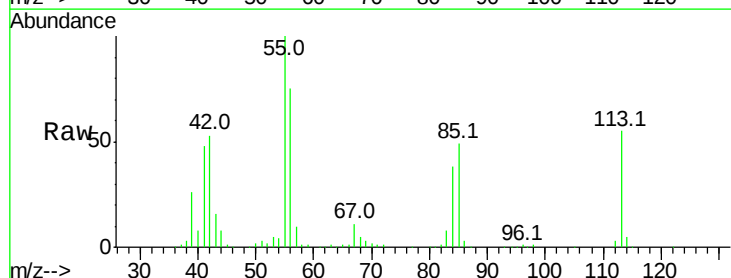
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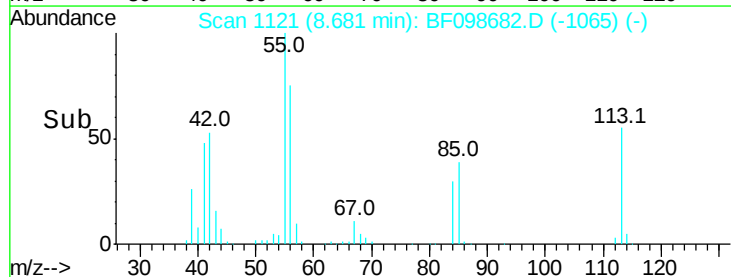
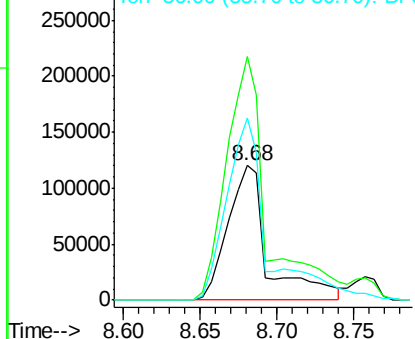


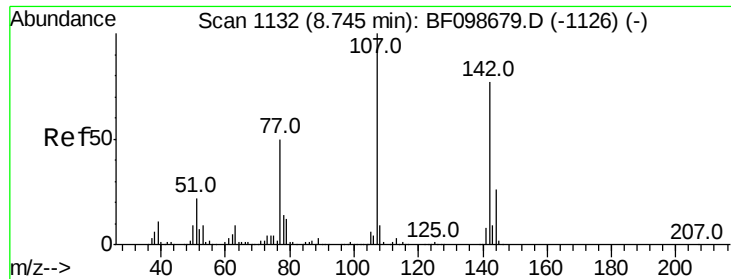
#35
Caprolactam
Concen: 75.761 ng m
RT: 8.68 min Scan# 1121
Delta R.T. 0.03 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
113	100			
55	181.3	163.3	203.3	
56	135.3	115.7	155.7	



Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF0
Ion 56.00 (55.70 to 56.70): BF0



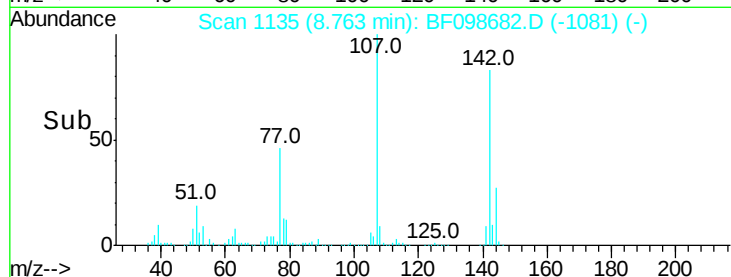
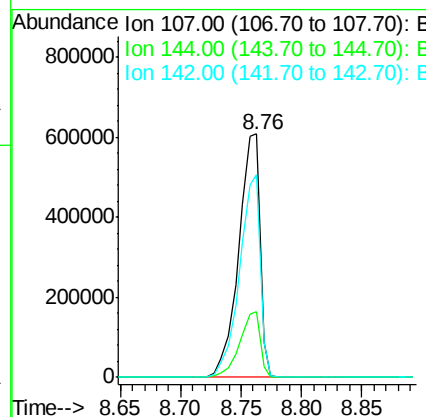
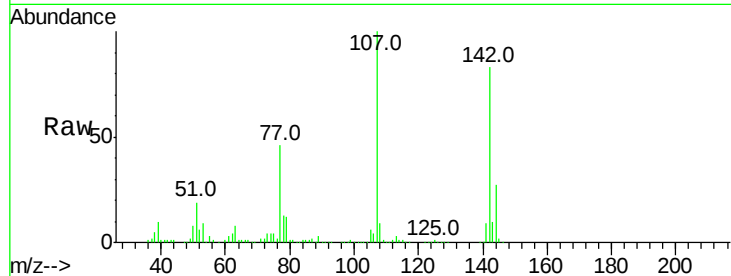


#36
4-Chloro-3-methylphenol
Concen: 73.026 ng
RT: 8.76 min Scan# 1135
Delta R.T. 0.02 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

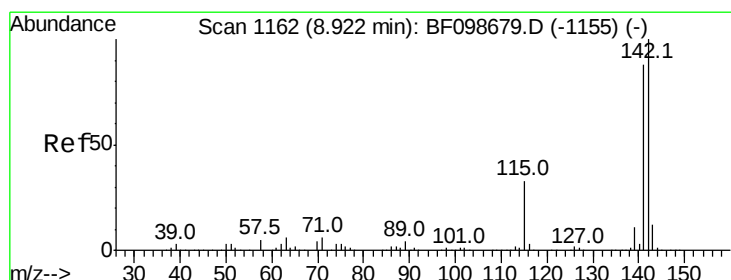
Tot Ion	Ratio	Lower	Upper
107	100		
144	27.1	20.5	30.7
142	83.2	62.0	93.0

Manual Integrations
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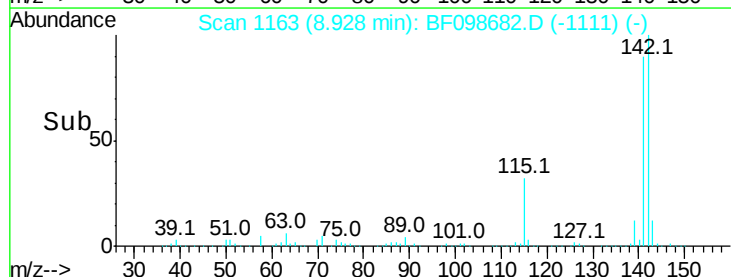
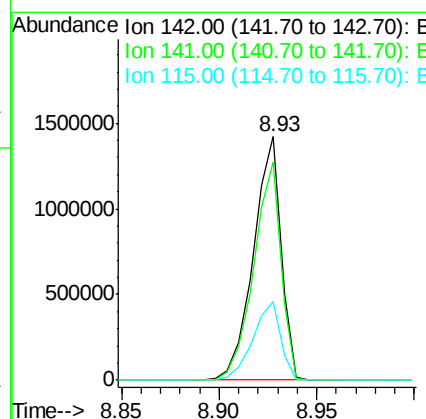
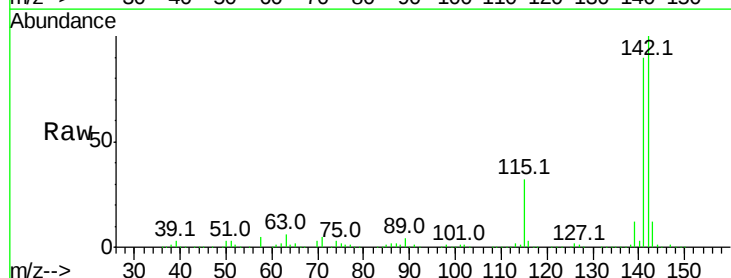
Sohil

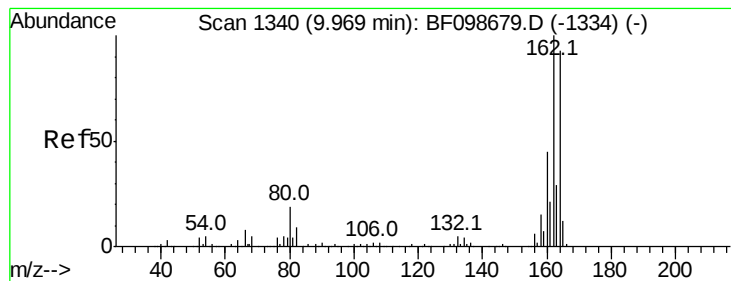
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#37
2-Methylnaphthalene
Concen: 72.180 ng
RT: 8.93 min Scan# 1163
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	32.1	26.1	39.1





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.97 min Scan# 1340

Delta R.T. 0.00 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

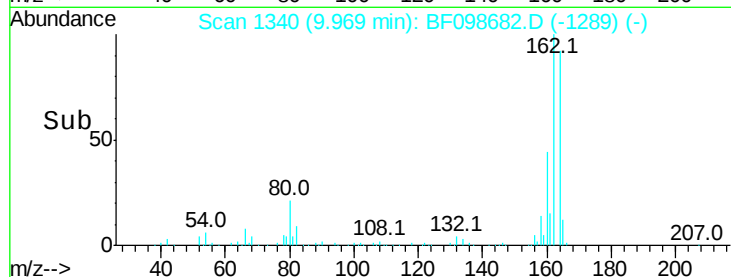
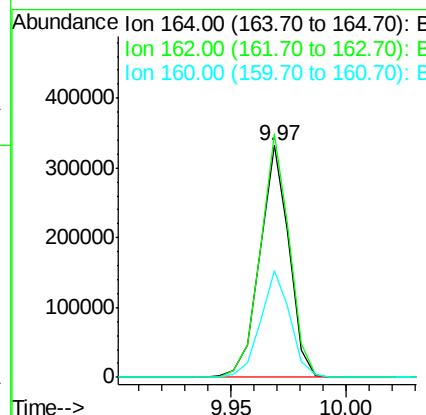
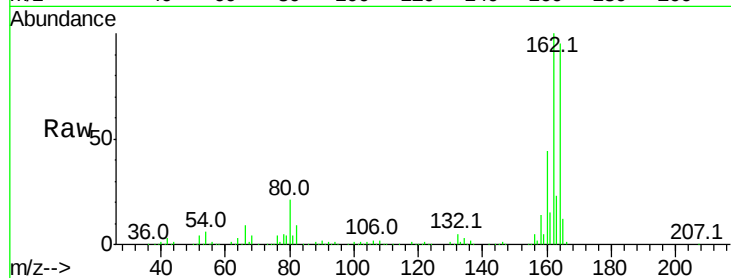
BNA_F

ClientSampleId :

SSTDIC080

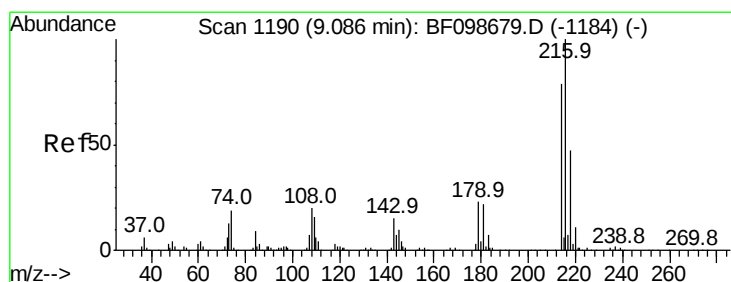
Tot Ion:	164	Resp:	290904
Ion Ratio	Lower	Upper	
164	100		
162	104.9	86.1	129.1
160	45.9	38.3	57.5

Manual Integrations
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#39

1,2,4,5-Tetrachlorobenzene

Concen: 67.884 ng

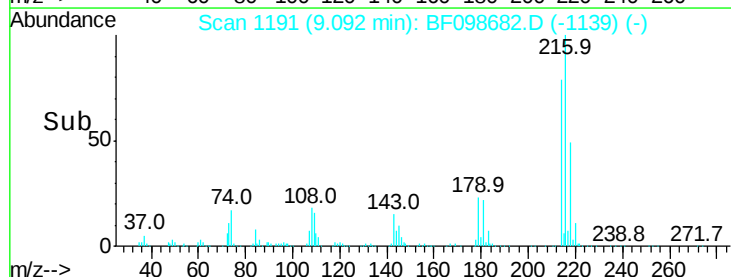
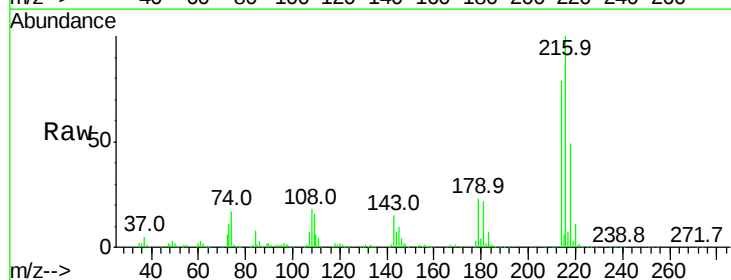
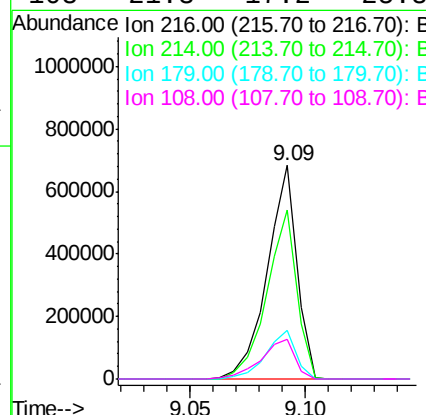
RT: 9.09 min Scan# 1191

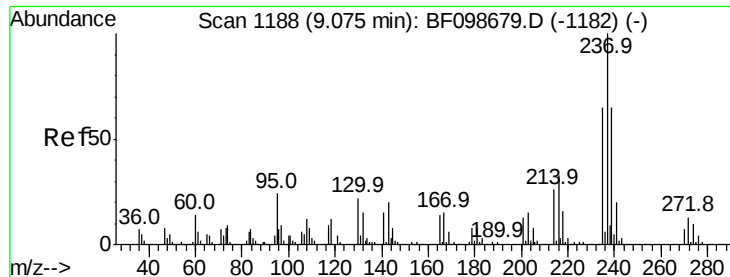
Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Tgt Ion:	216	Resp:	612411
Ion Ratio	Lower	Upper	
216	100		
214	79.4	63.0	94.4
179	22.9	18.1	27.1
108	21.3	17.2	25.8



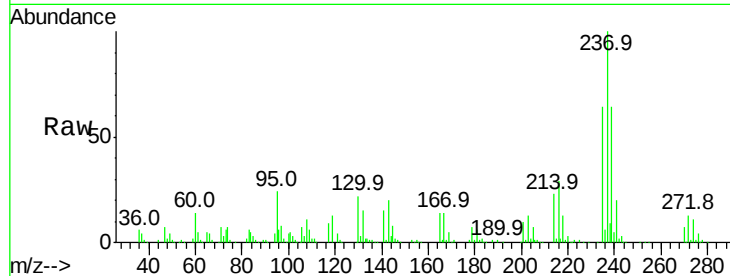


#40
Hexachlorocyclopentadiene
Concen: 135.596 ng
RT: 9.07 min Scan# 1188
Delta R.T. 0.00 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

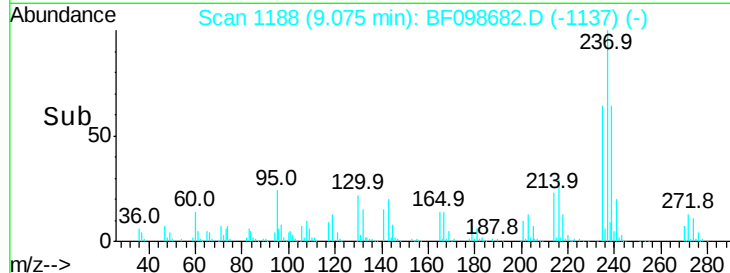
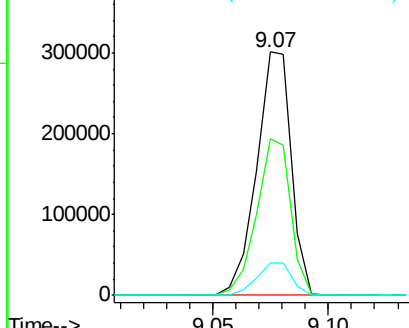
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.2	44.8	84.8
272	13.4	0.0	33.3

Manual Integrations
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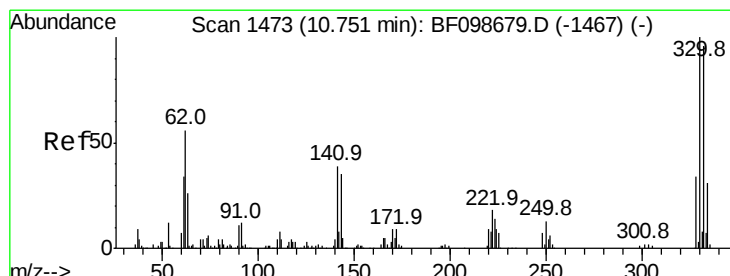


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



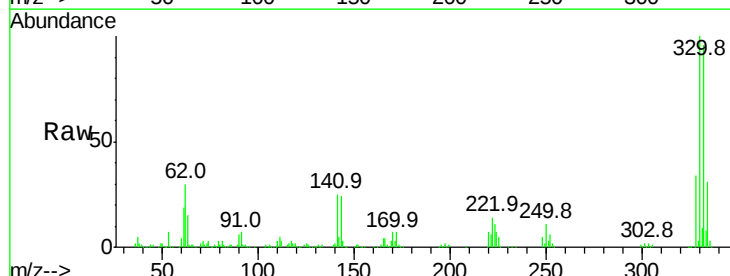
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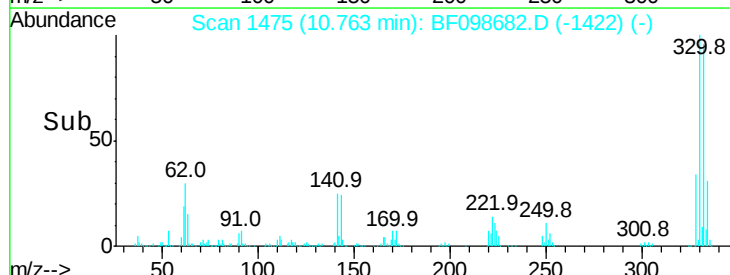
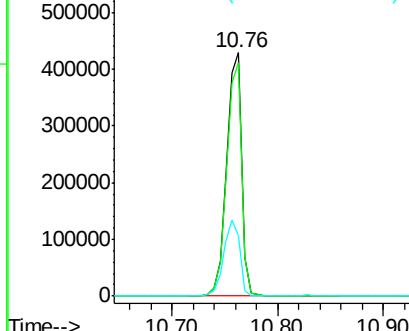


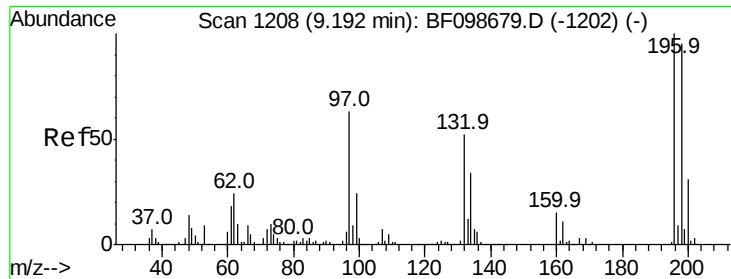
#41
2,4,6-Tribromophenol
Concen: 204.616 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.9	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: 85.873 ng

RT: 9.20 min Scan# 1209

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

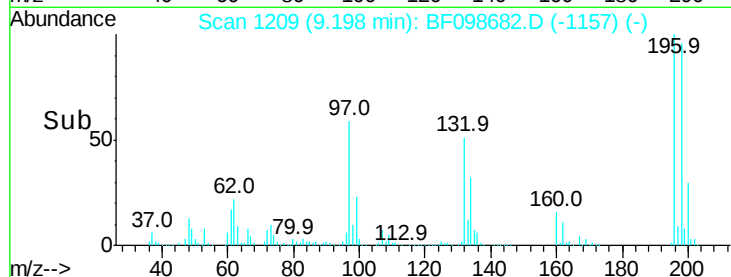
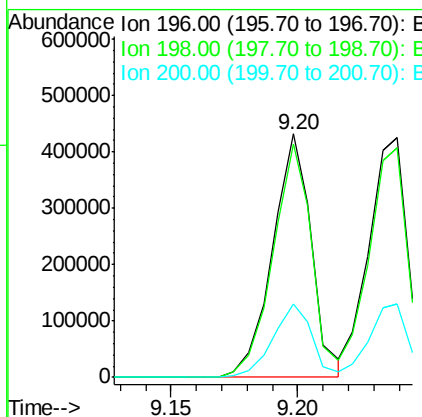
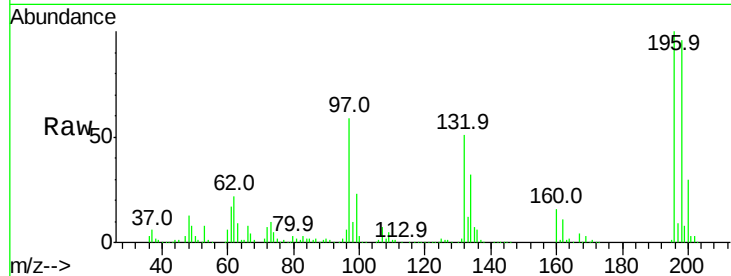
BNA_F

ClientSampleId :

SSTDIC080

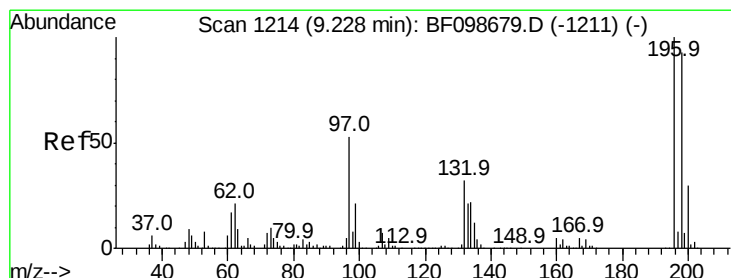
Tot Ion:	196	Resp:	462057
Ion Ratio	Lower	Upper	
196	100		
198	95.6	75.7	113.5
200	30.4	24.5	36.7

Manual Integrations
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#43

2,4,5-Trichlorophenol

Concen: 80.379 ng

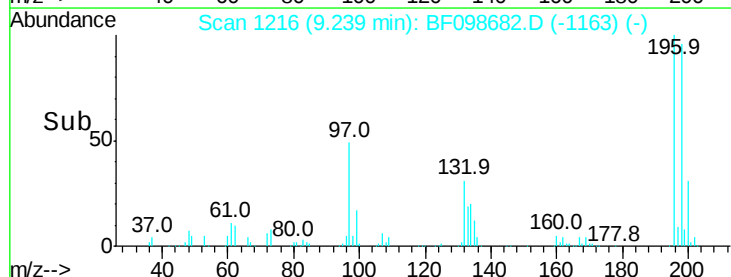
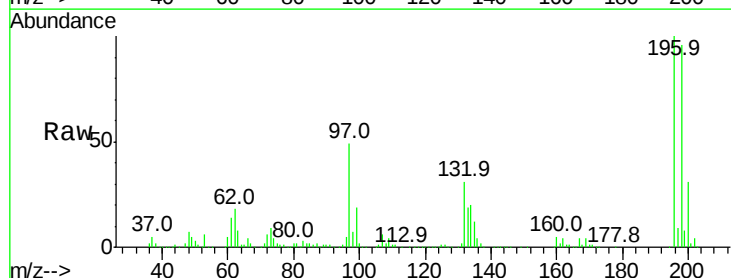
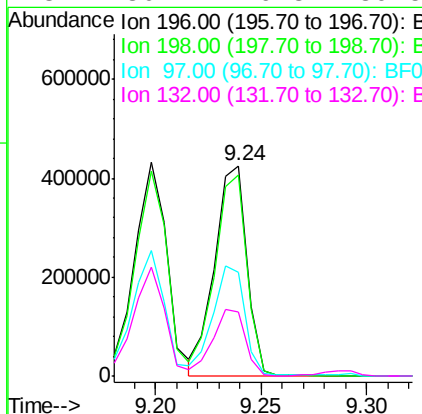
RT: 9.24 min Scan# 1216

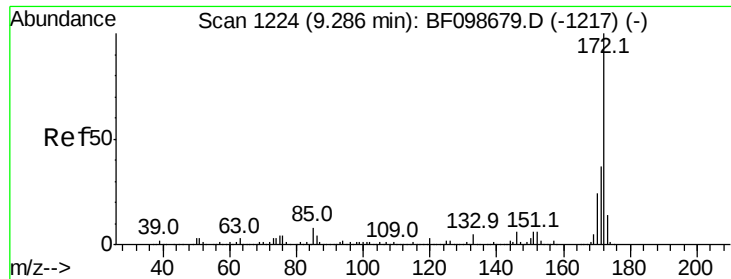
Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Tgt Ion:	196	Resp:	451542
Ion Ratio	Lower	Upper	
196	100		
198	95.5	74.6	112.0
97	49.5	42.9	64.3
132	30.7	26.3	39.5



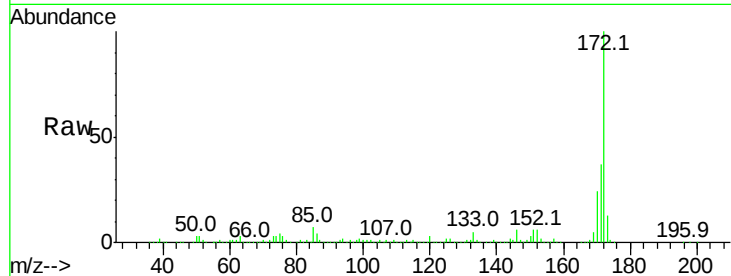


#44
2-Fluorobiphenyl
Concen: 138.134 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

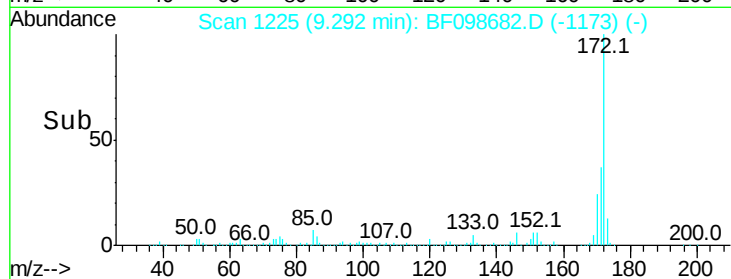
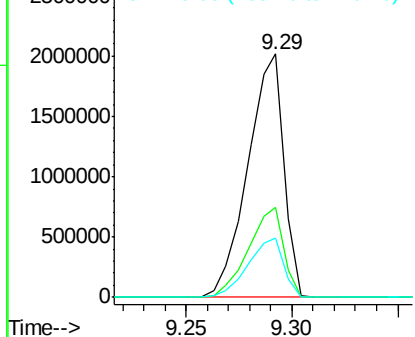
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.2	29.7	44.5
170	24.3	19.6	29.4

Manual Integrations
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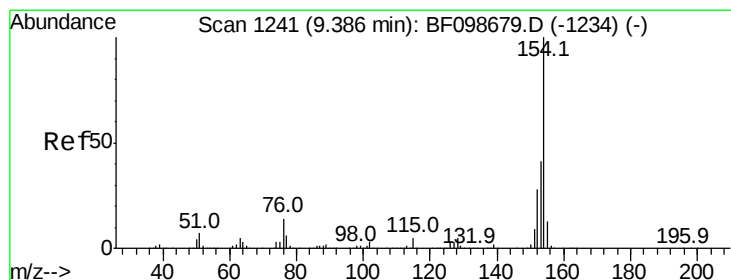


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E



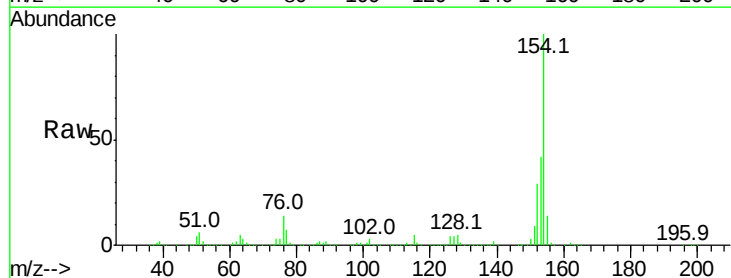
Sohil

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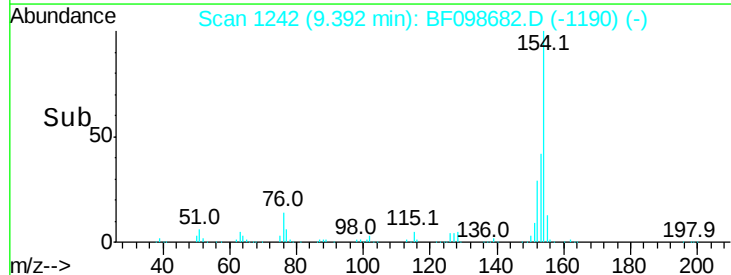
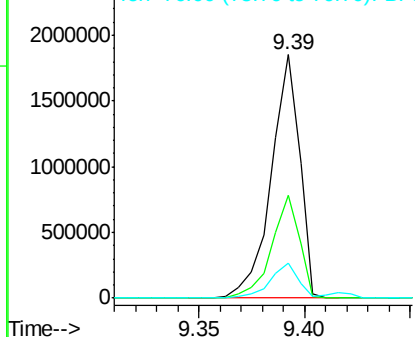


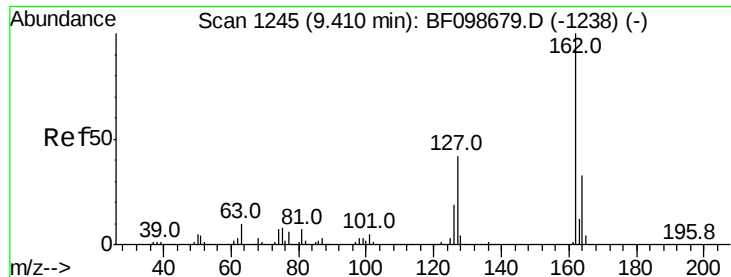
#45
1,1'-Biphenyl
Concen: 66.638 ng
RT: 9.39 min Scan# 1242
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.4	21.3	61.3
76	14.3	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): BF0



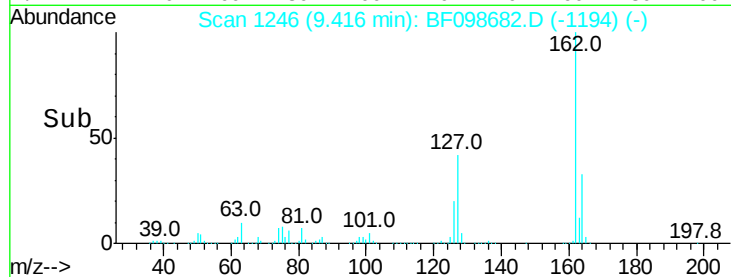
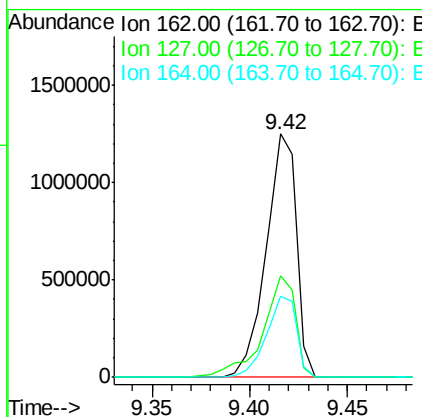
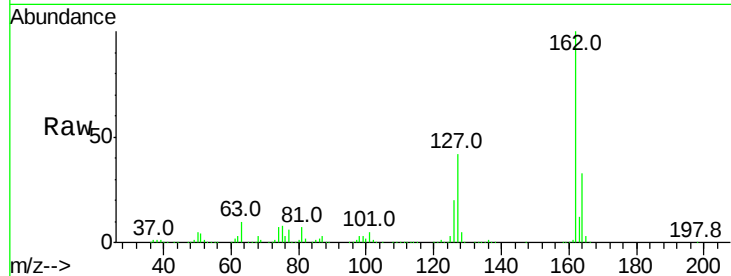


#46
2-Chloronaphthalene
Concen: 72.042 ng
RT: 9.42 min Scan# 1246
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

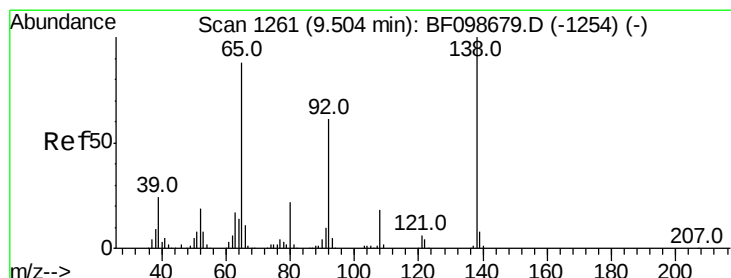
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.7	33.9	50.9
164	33.3	26.5	39.7

Manual Integrations
APPROVED



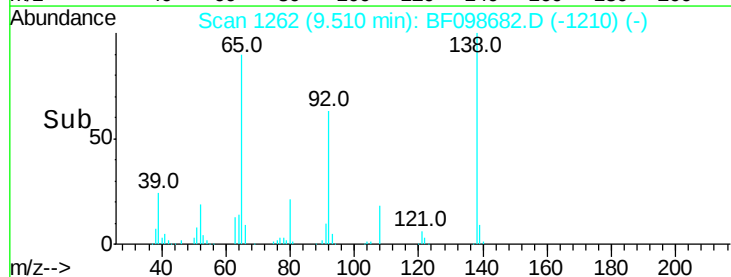
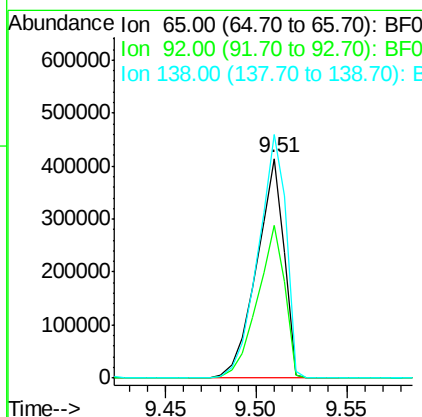
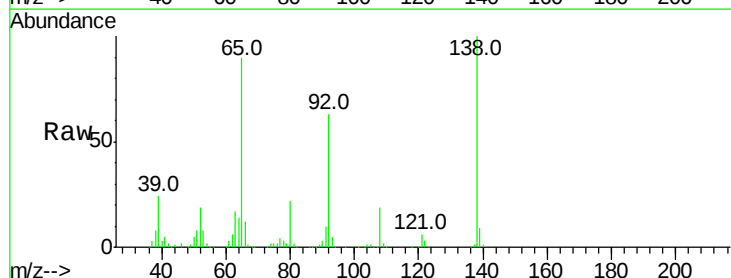
Sohil

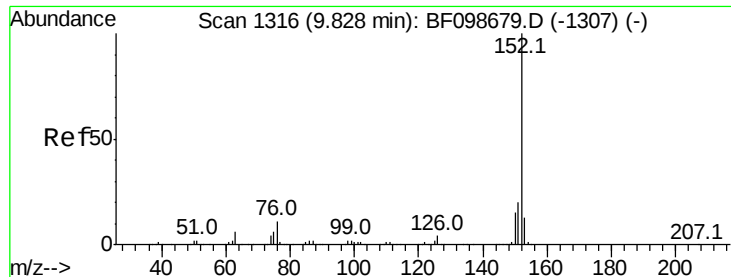
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#47
2-Nitroaniline
Concen: 63.182 ng
RT: 9.51 min Scan# 1262
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.7	55.8	83.6
138	110.7	91.2	136.8





#48

Acenaphthylene

Concen: 73.965 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

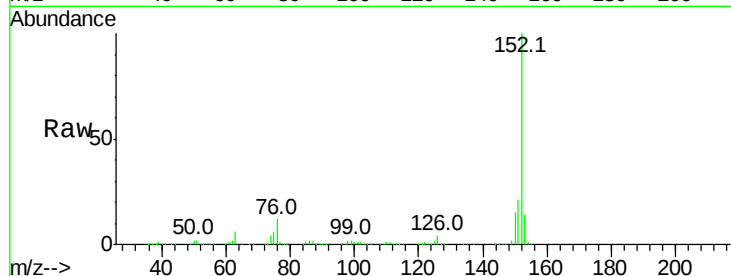
BNA_F

ClientSampled :

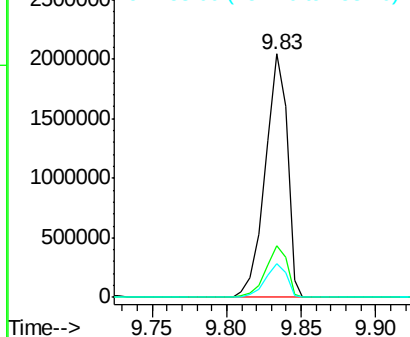
SSTDIC080

Tot Ion:	152	Resp:	2068017
Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.3	24.5
153	13.8	10.7	16.1

Manual Integrations
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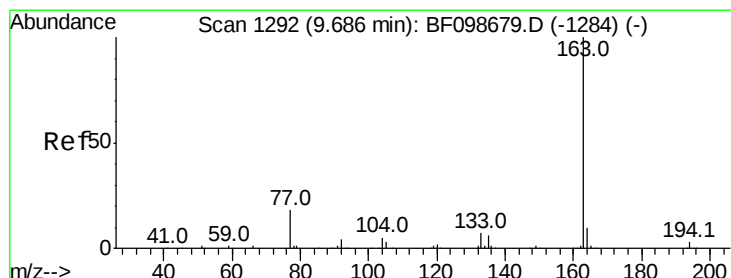
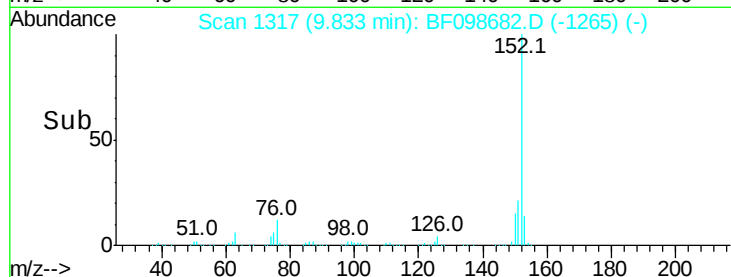


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



Sohil

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#49

Dimethylphthalate

Concen: 70.926 ng

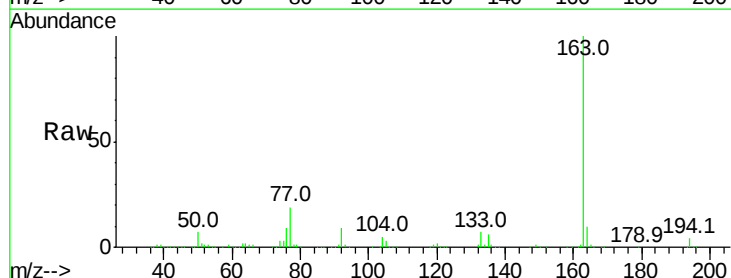
RT: 9.70 min Scan# 1294

Delta R.T. 0.01 min

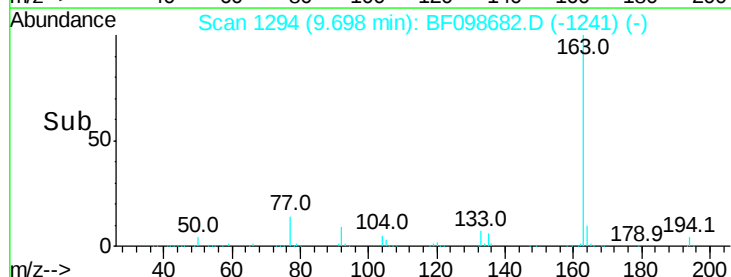
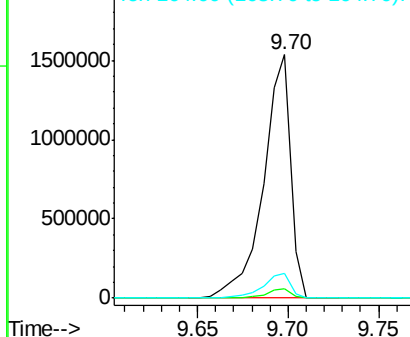
Lab File: BF098682.D

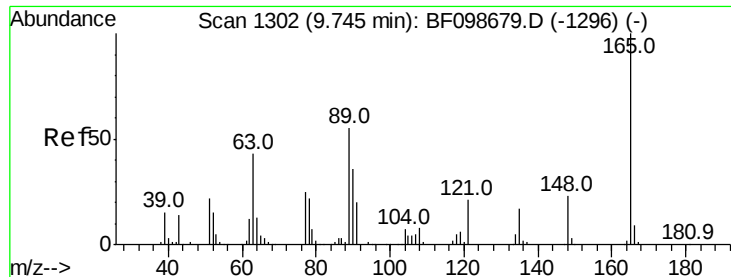
Acq: 22 Sep 2017 4:23

Tgt Ion:	163	Resp:	1594255
Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.7	4.1
164	10.1	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



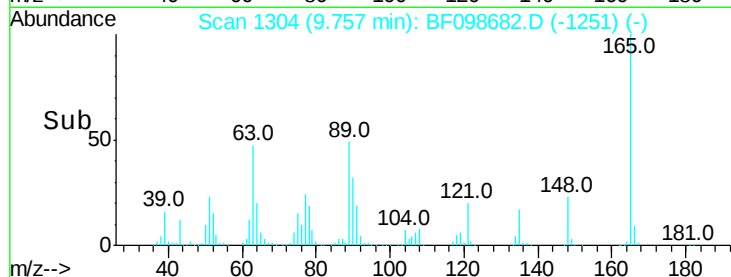
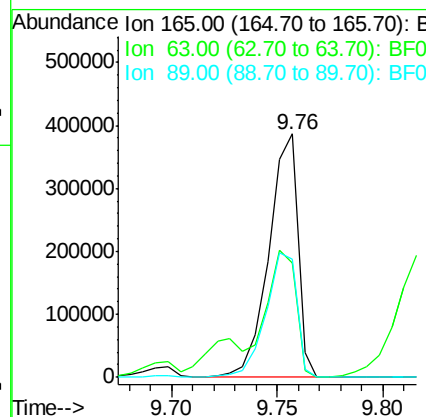
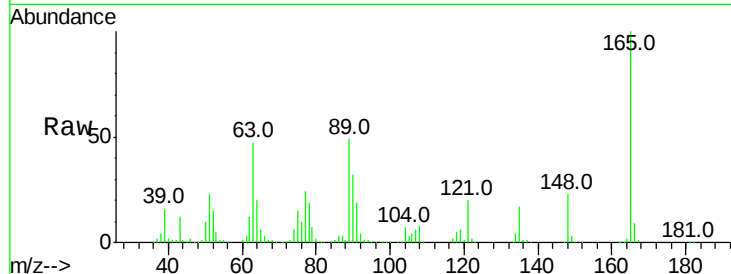


#50
 2,6-Dinitrotoluene
 Concen: 80.407 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

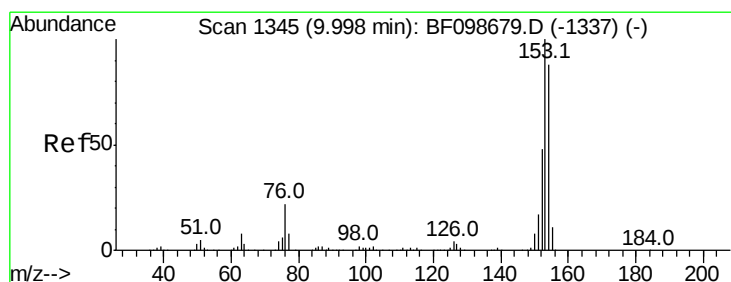
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.2	44.7	67.1
89	48.7	44.0	66.0

Manual Integrations
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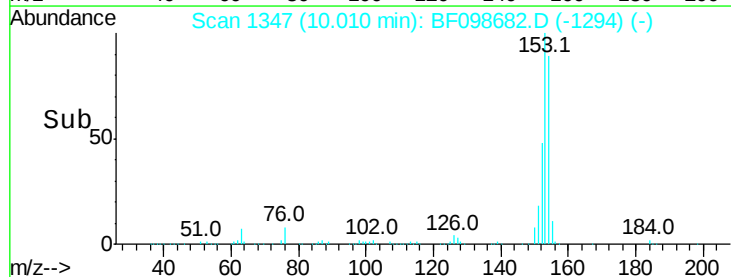
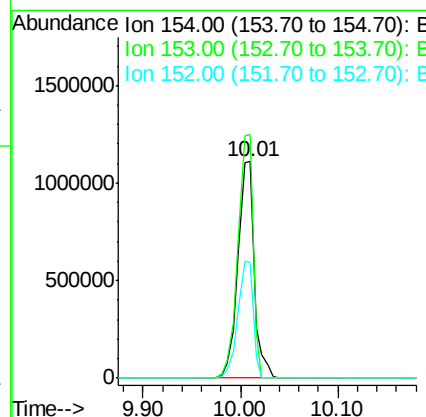
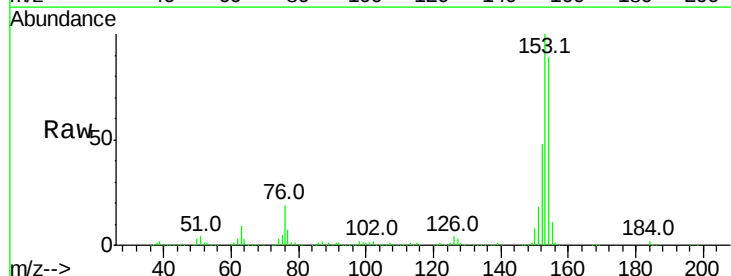
Sohil

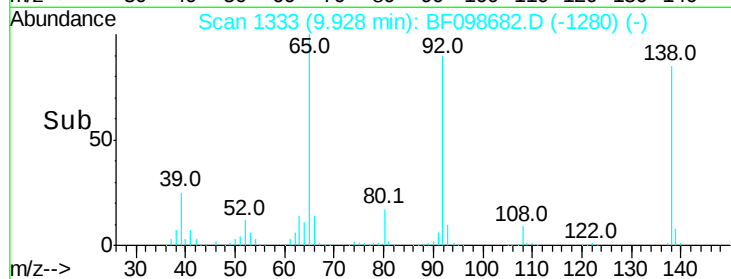
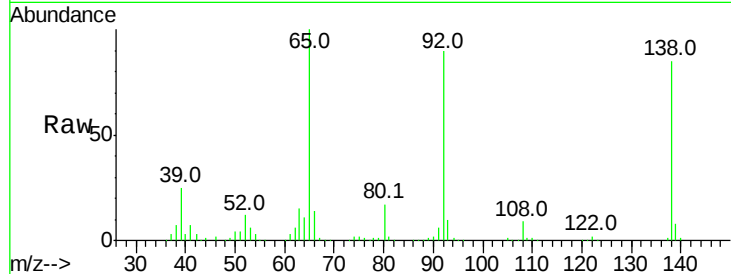
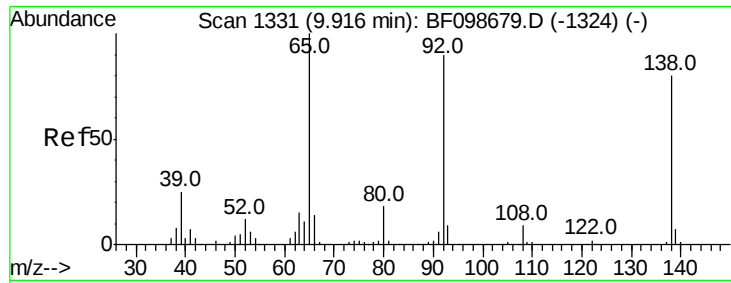
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#51
 Acenaphthene
 Concen: 73.369 ng
 RT: 10.01 min Scan# 1347
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.6	91.2	136.8
152	53.8	43.8	65.8



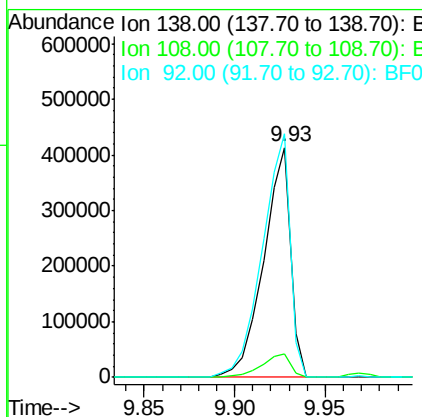


#52
3-Nitroaniline
Concen: 76.910 ng
RT: 9.93 min Scan# 1333
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.0
92	105.8	89.4	134.2

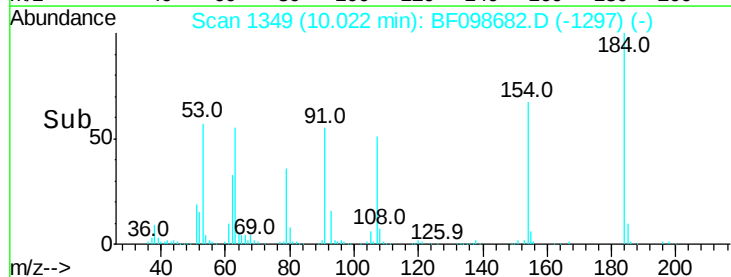
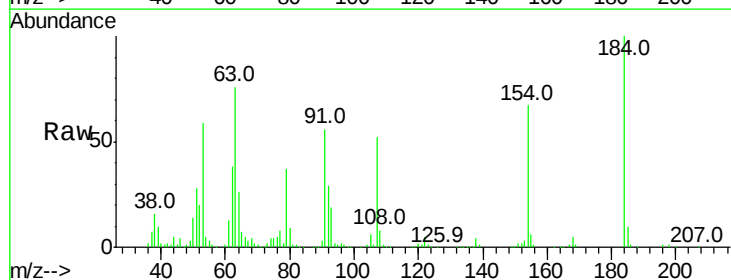
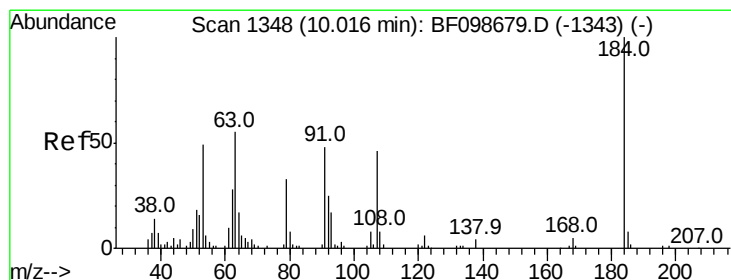
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Manual Integrations
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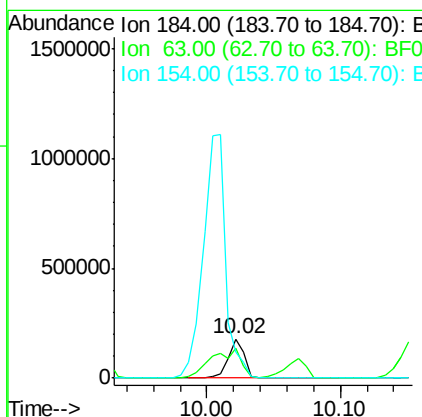
Sohil

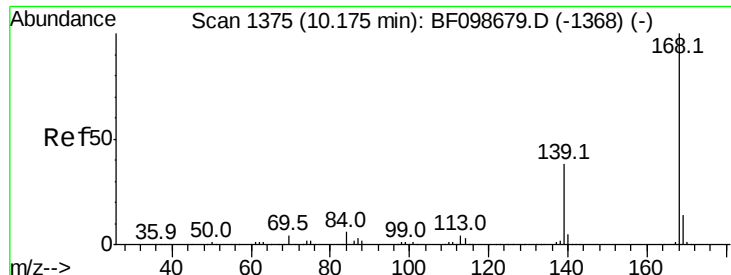
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#53
2,4-Dinitrophenol
Concen: 89.811 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	75.8	54.2	81.2
154	67.3	53.5	80.3



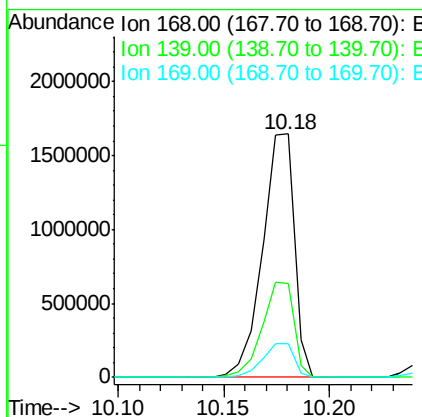
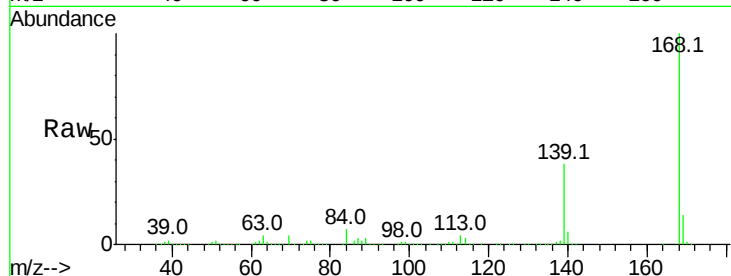


#54
Dibenzenofuran
Concen: 73.683 ng
RT: 10.18 min Scan# 1376
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

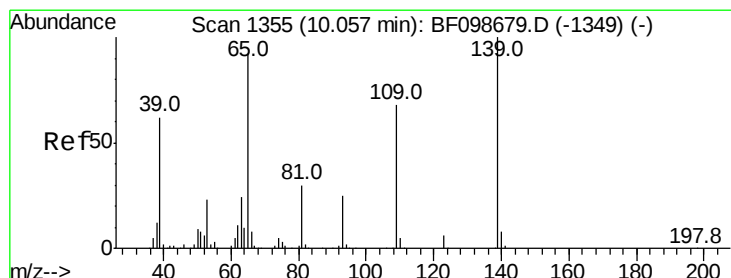
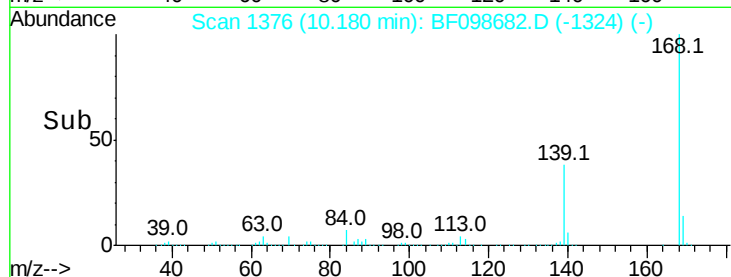
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.4	30.1	45.1
169	13.8	10.9	16.3

Manual Integrations
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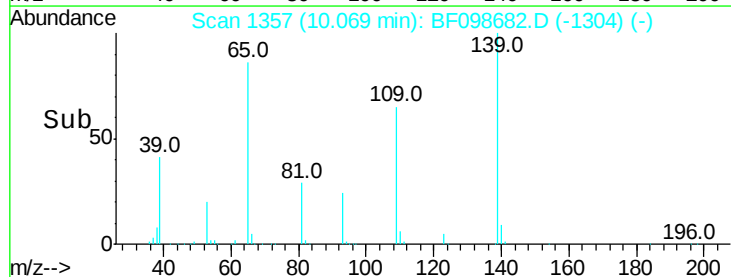
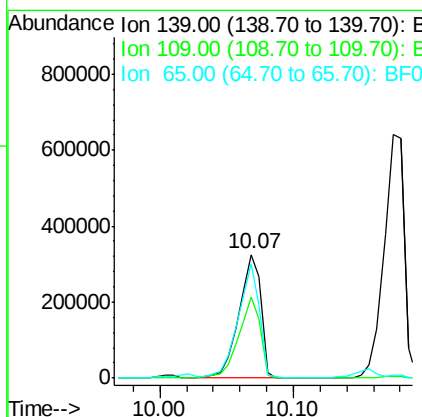
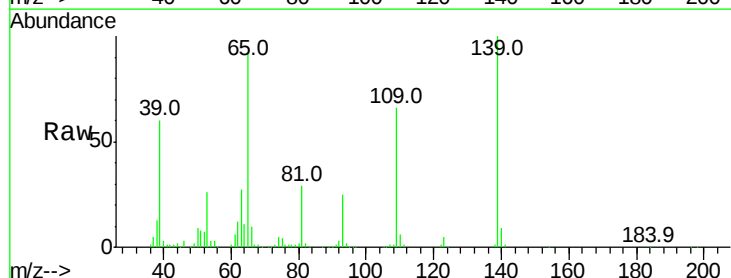
Sohil

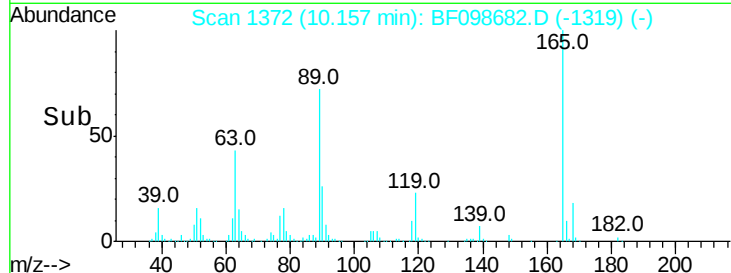
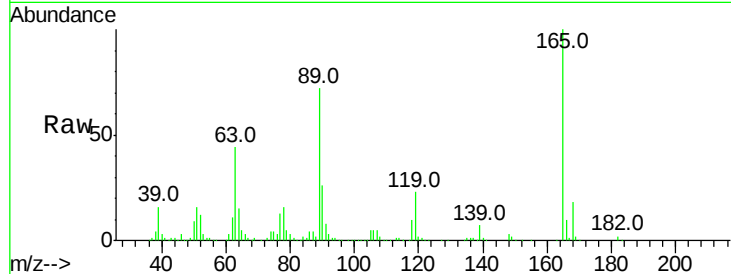
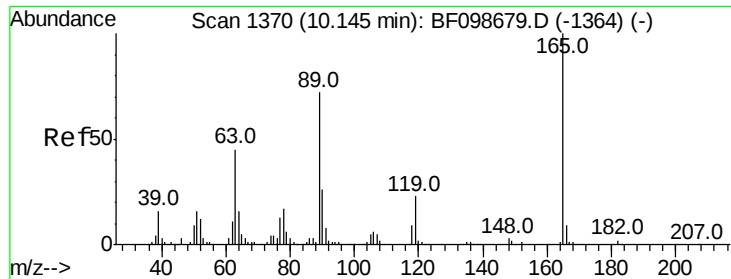
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#55
4-Nitrophenol
Concen: 108.848 ng
RT: 10.07 min Scan# 1357
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.8	48.4	88.4
65	92.1	72.6	112.6



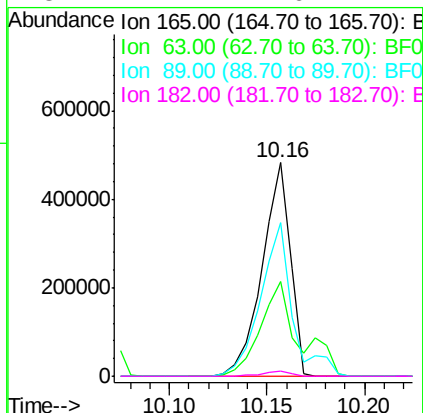


#56
2,4-Dinitrotoluene
Concen: 84.974 ng
RT: 10.16 min Scan# 1372
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tot Ion	Ratio	Resp	Lower	Upper
165	100	482669		
63	44.4	36.4	54.6	
89	71.8	57.8	86.6	
182	2.2	1.6	2.4	

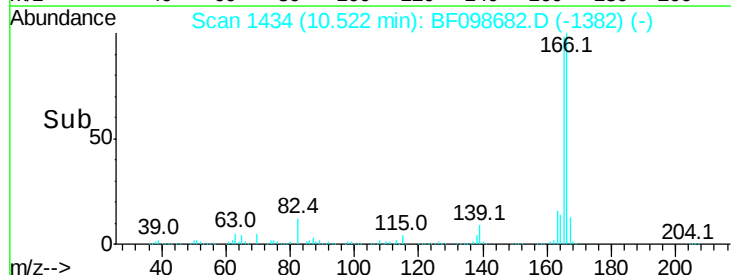
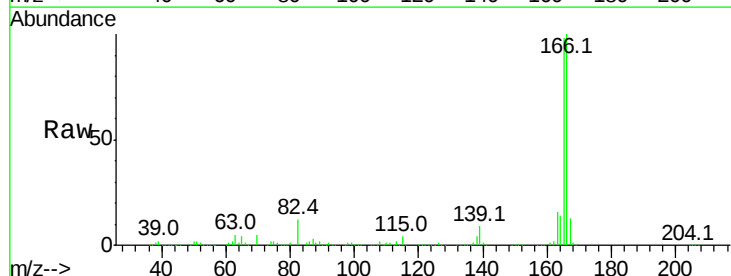
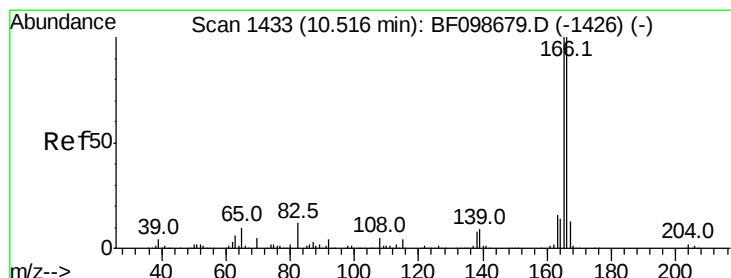
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Manual Integrations
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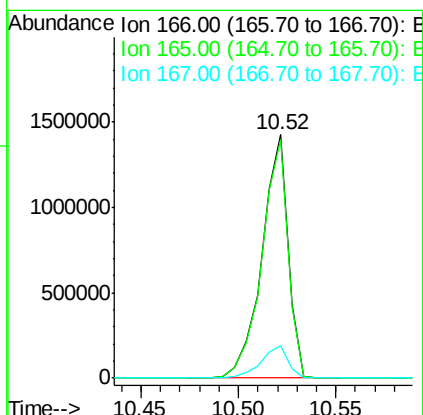
Sohil

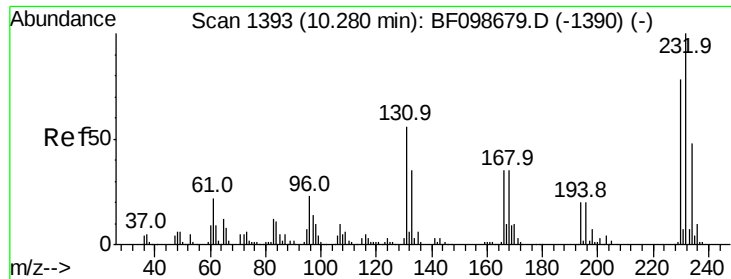
9/22/2017 3:54:20 PM



#57
Fluorene
Concen: 68.367 ng
RT: 10.52 min Scan# 1434
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1320612		
165	98.1	79.8	119.8	
167	13.2	10.6	16.0	



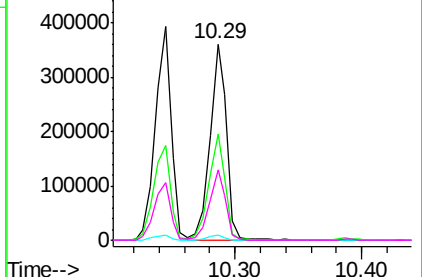
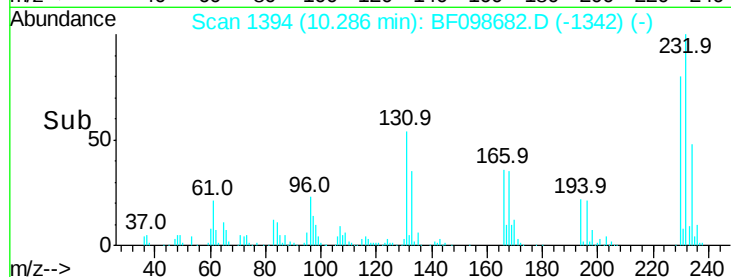
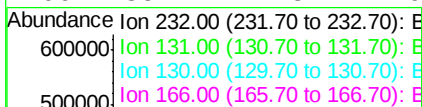
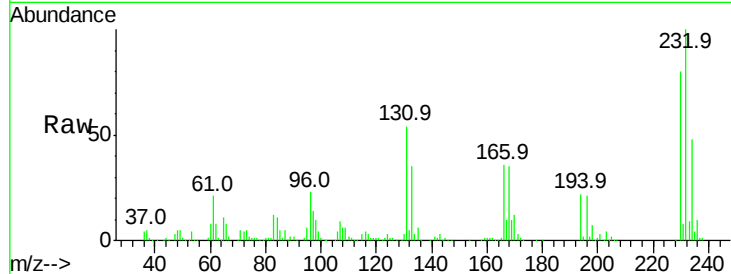


#58
 2,3,4,6-Tetrachlorophenol
 Concen: 86.916 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

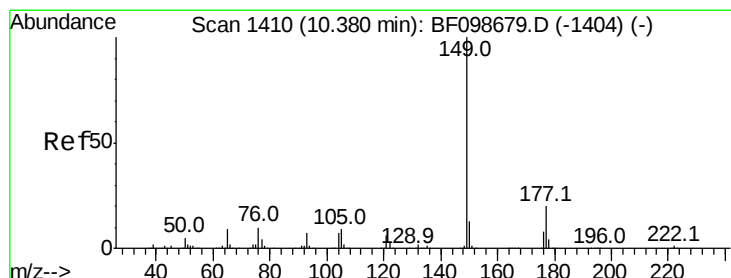
Tot Ion:	232	Resp:	331142
Ion Ratio		Lower	Upper
232	100		
131	53.0	43.8	65.8
130	2.6	2.1	3.1
166	35.4	27.8	41.6

Manual Integrations
 APPROVED



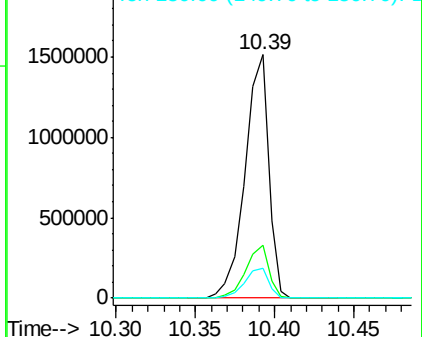
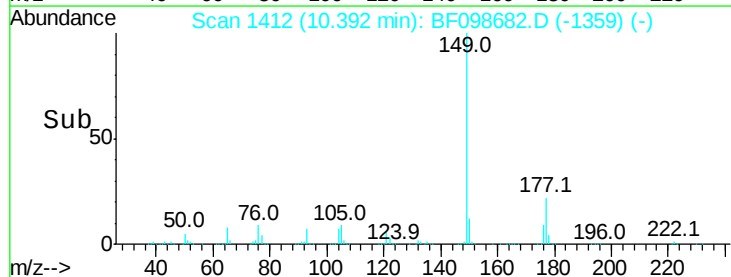
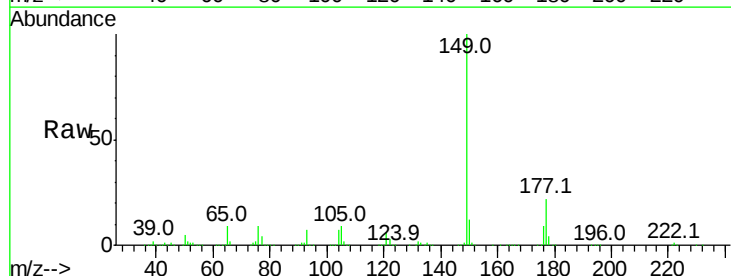
Sohil

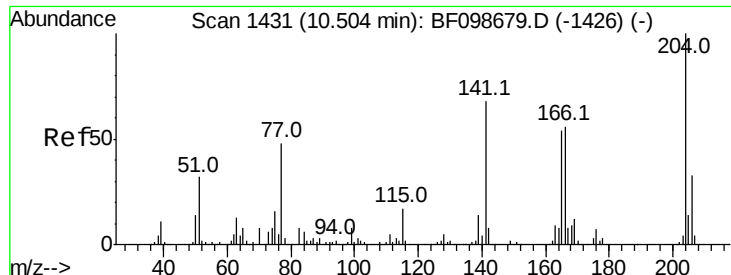
9/22/2017 3:54:20 PM



#59
 Diethylphthalate
 Concen: 72.688 ng
 RT: 10.39 min Scan# 1412
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion:	149	Resp:	1563034
Ion Ratio		Lower	Upper
149	100		
177	21.6	16.1	24.1
150	12.2	10.1	15.1



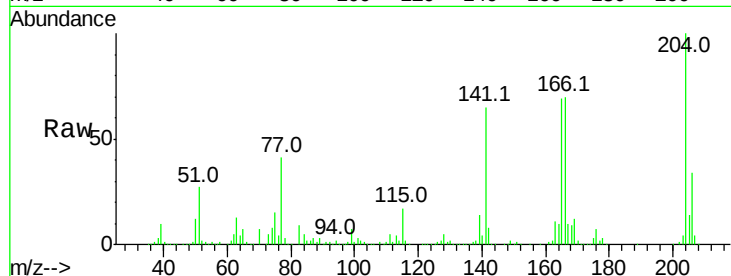


#60
4-Chlorophenyl-phenylether
Concen: 65.729 ng
RT: 10.51 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

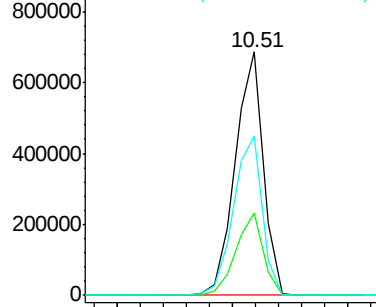
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	26.5	39.7
141	65.2	54.6	81.8

Manual Integrations
APPROVED

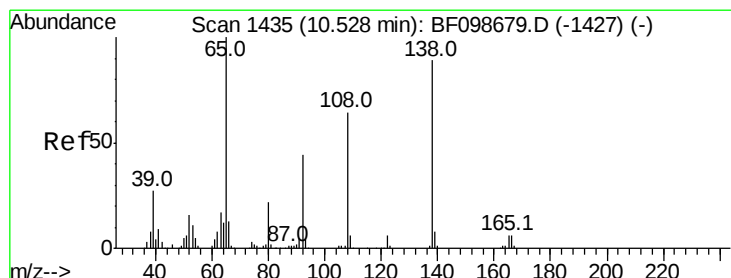
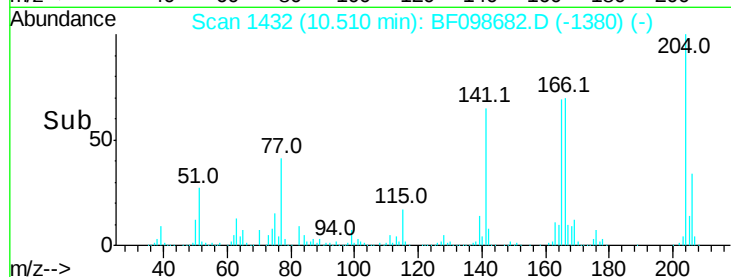


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E



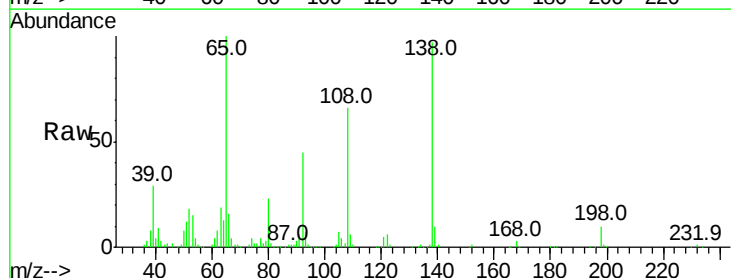
Sohil

9/22/2017 3:54:20 PM

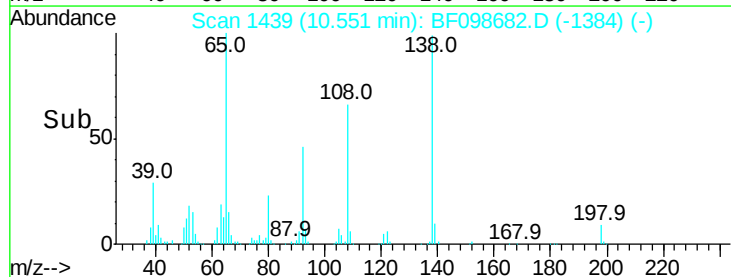
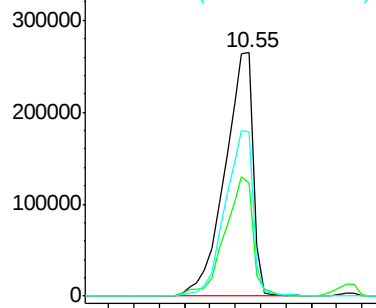


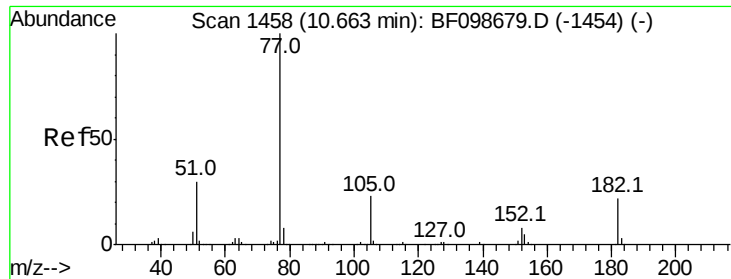
#61
4-Nitroaniline
Concen: 73.707 ng
RT: 10.55 min Scan# 1439
Delta R.T. 0.02 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	30.2	70.2
108	67.3	52.5	92.5



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF0
Ion 108.00 (107.70 to 108.70): E



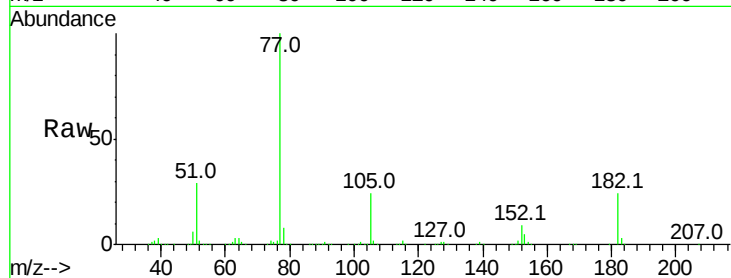


#62
Azobenzene
Concen: 62.259 ng
RT: 10.67 min Scan# 1459
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
77	100		
182	23.7	1.7	41.7
105	24.4	3.0	43.0
51	29.5	9.9	49.9

Manual Integrations
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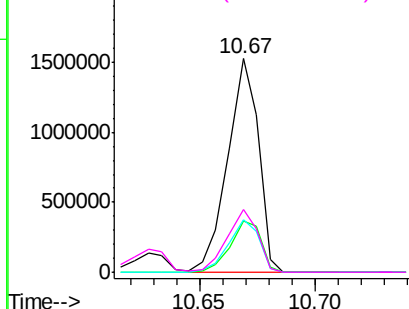


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 182.00 (181.70 to 182.70): E

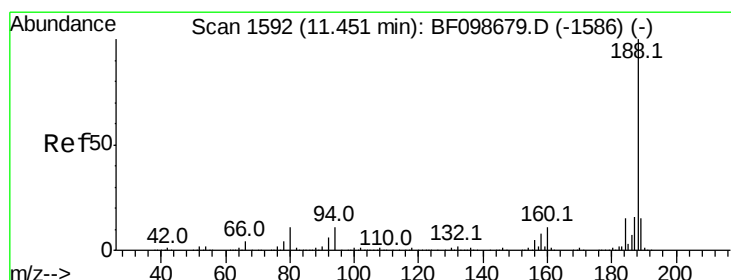
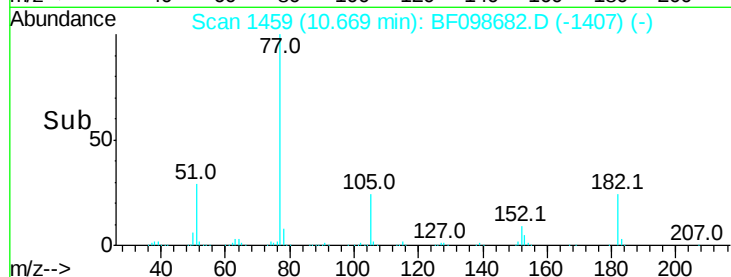
Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF0



Sohil

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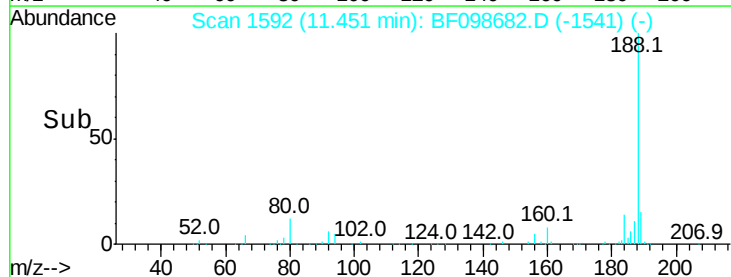
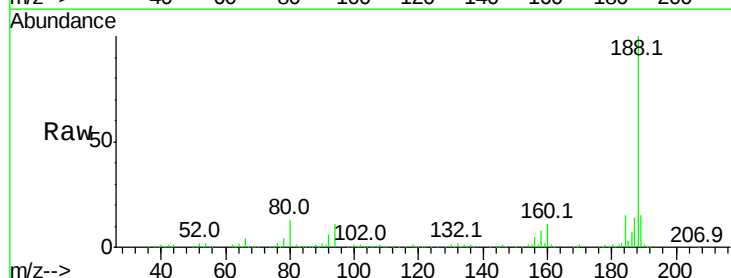
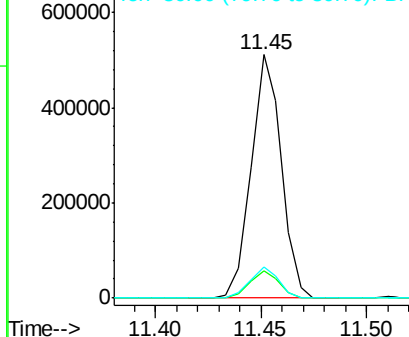
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

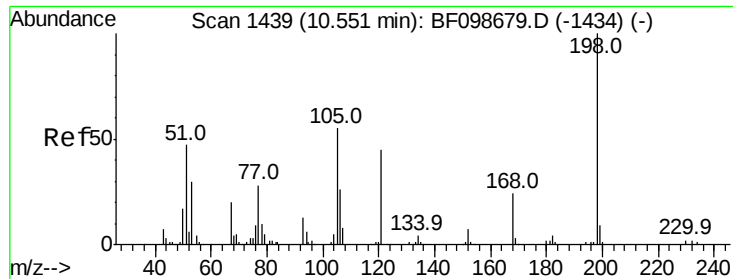
Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.4	8.5	12.7
80	12.8	9.2	13.8

Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



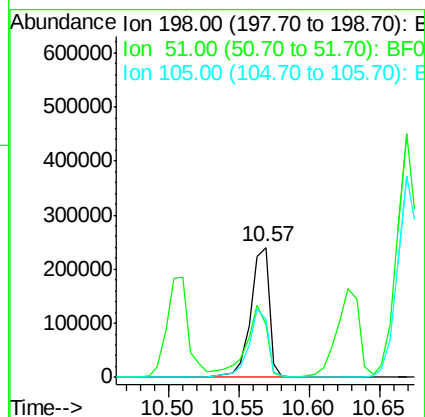
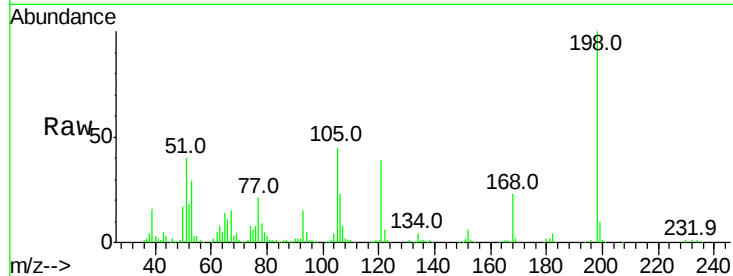


#64
4,6-Dinitro-2-methylphenol
Concen: 81.288 ng
RT: 10.57 min Scan# 1442
Delta R.T. 0.02 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

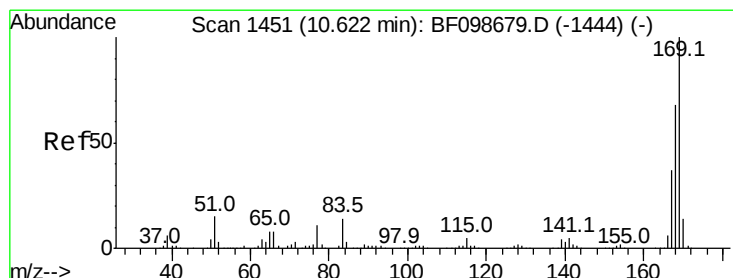
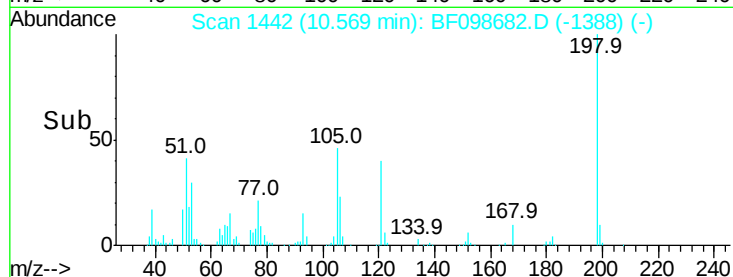
Tot Ion	Ratio	Resp	Lower	Upper
198	100	224411		
51	40.3		37.7	77.7
105	44.5		36.3	76.3

Manual Integrations
APPROVED



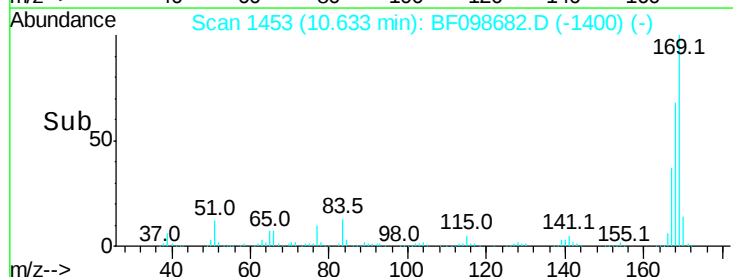
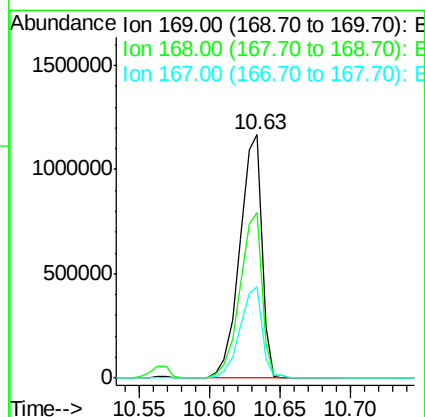
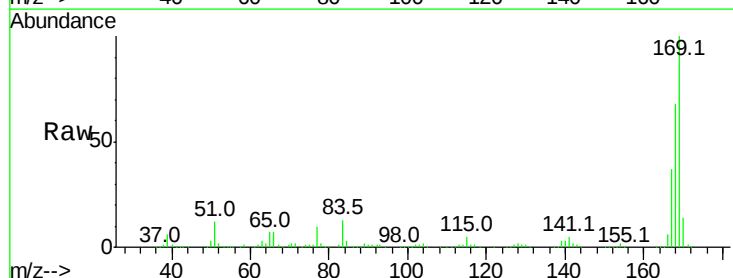
Sohil

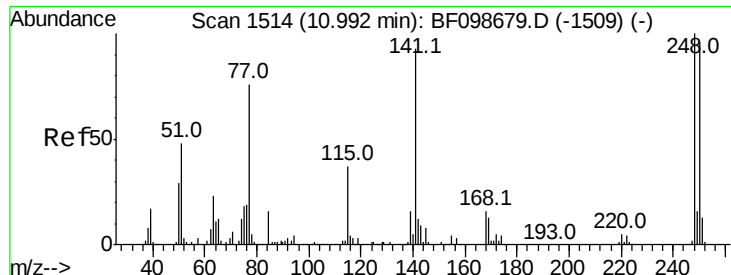
9/22/2017 3:54:20 PM



#65
n-Nitrosodiphenylamine
Concen: 76.427 ng
RT: 10.63 min Scan# 1453
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	1266661		
168	68.1		54.4	81.6
167	37.5		29.8	44.6



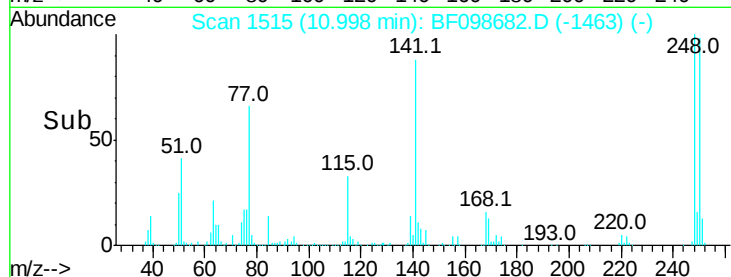
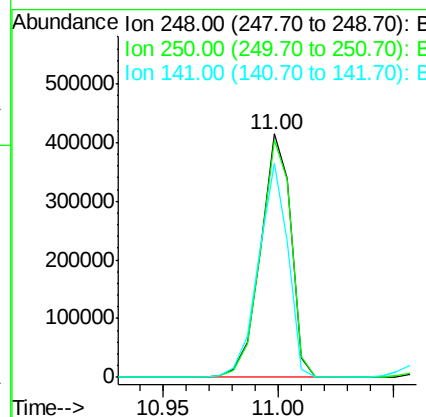
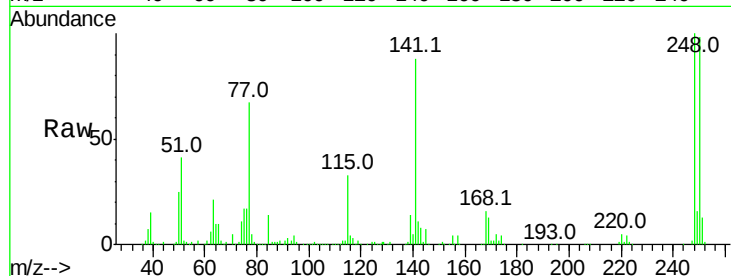


#66
4-Bromophenyl-phenylether
Concen: 78.505 ng
RT: 11.00 min Scan# 1515
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

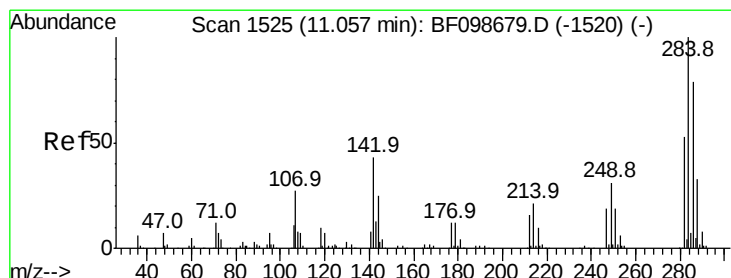
Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	76.9	115.3
141	87.9	74.4	111.6

Manual Integrations
APPROVED



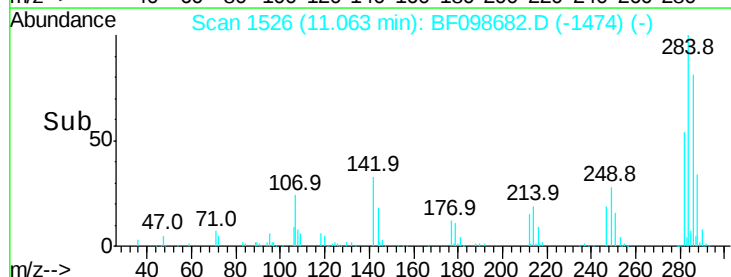
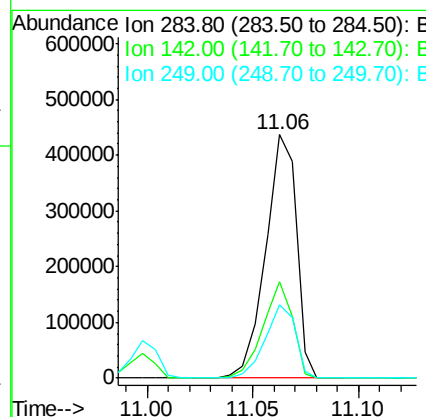
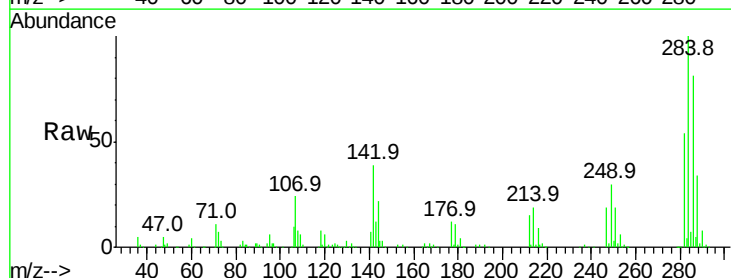
Sohil

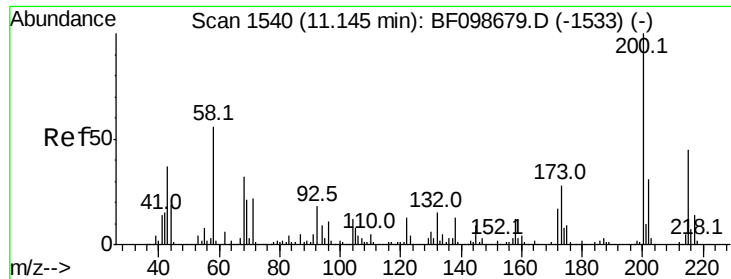
9/22/2017 3:54:20 PM



#67
Hexachlorobenzene
Concen: 88.489 ng
RT: 11.06 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.4	34.6	52.0
249	30.0	24.8	37.2



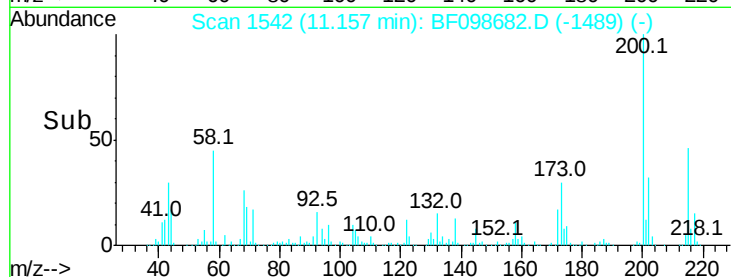
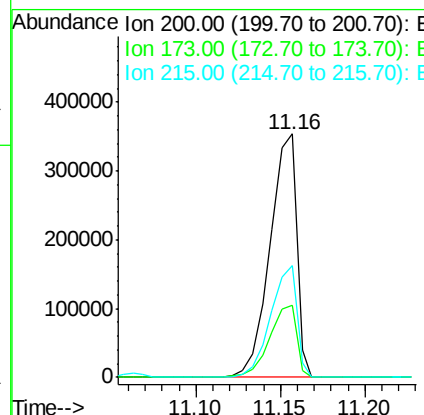
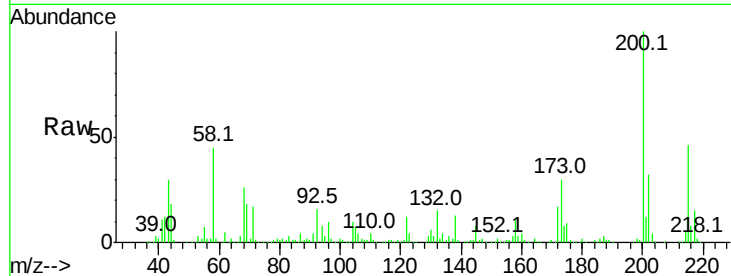


#68
Atrazine
Concen: 76.136 ng
RT: 11.16 min Scan# 1542
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

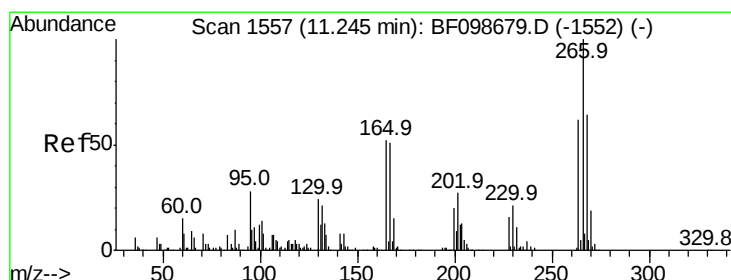
Tot Ion	Ratio	Resp	Lower	Upper
200	100	387771		
173	29.5	8.6	48.6	
215	46.0	25.1	65.1	

Manual Integrations
APPROVED



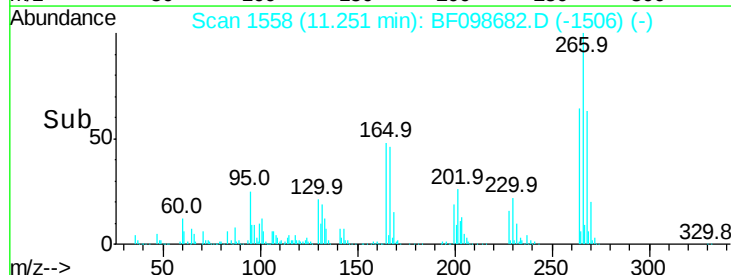
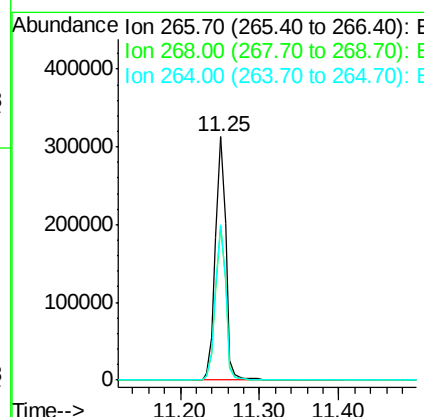
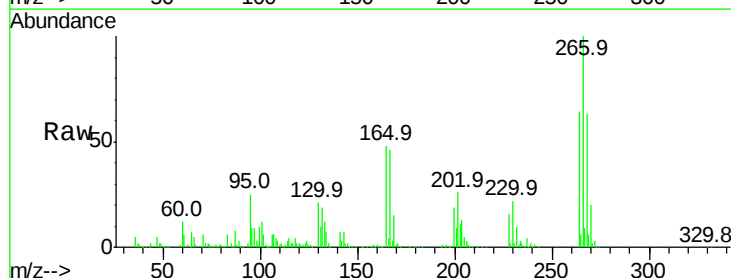
Sohil

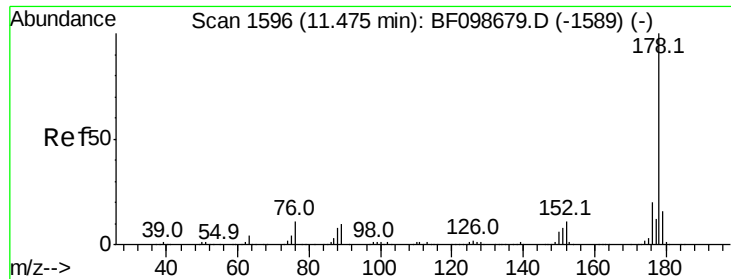
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#69
Pentachlorophenol
Concen: 138.239 ng
RT: 11.25 min Scan# 1558
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	288233		
268	63.3	51.1	76.7	
264	64.0	49.5	74.3	



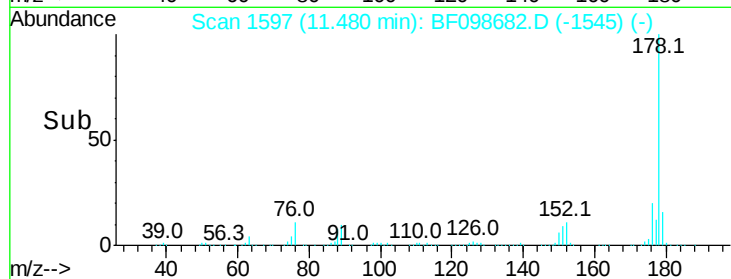
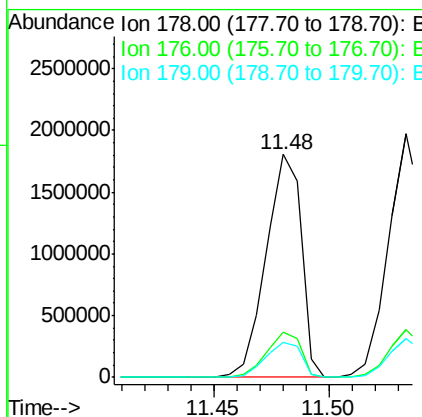
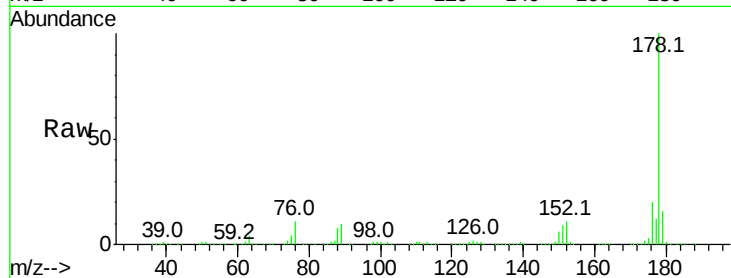


#70
Phenanthrene
Concen: 70.707 ng
RT: 11.48 min Scan# 1597
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

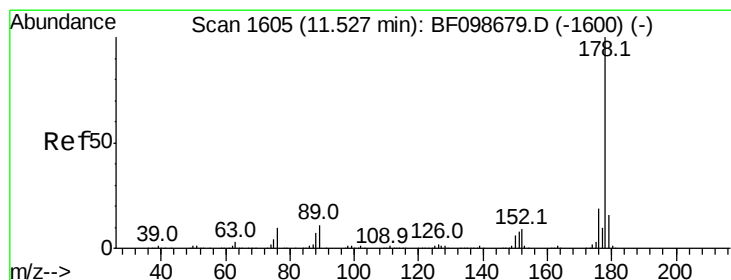
Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.8	23.8
179	16.0	13.0	19.6

Manual Integrations
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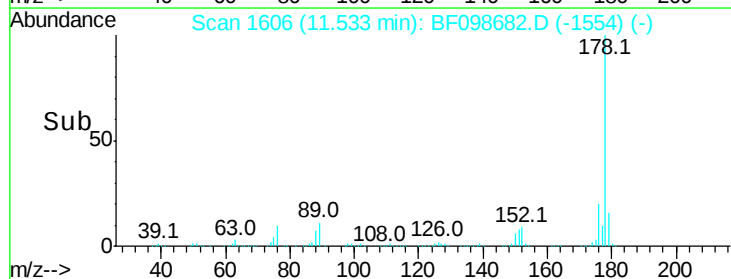
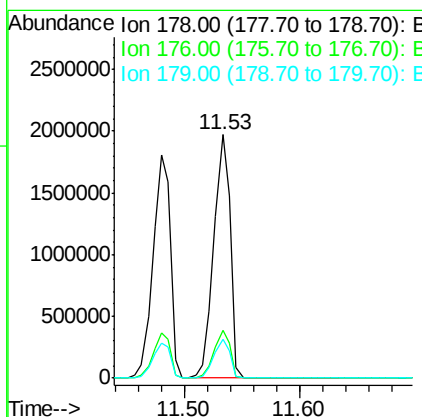
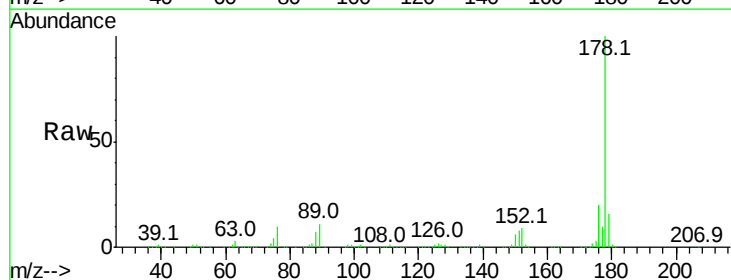
Sohil

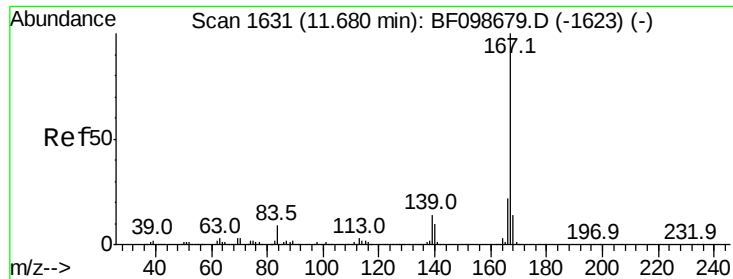
9/22/2017 3:54:20 PM



#71
Anthracene
Concen: 70.739 ng
RT: 11.53 min Scan# 1606
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.2
179	16.0	12.6	19.0





#72

Carbazole

Concen: 73.985 ng

RT: 11.69 min Scan# 1632

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:167 Resp: 1923494

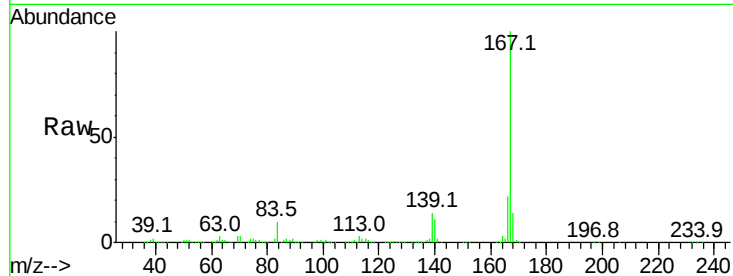
Ion Ratio Lower Upper

167 100

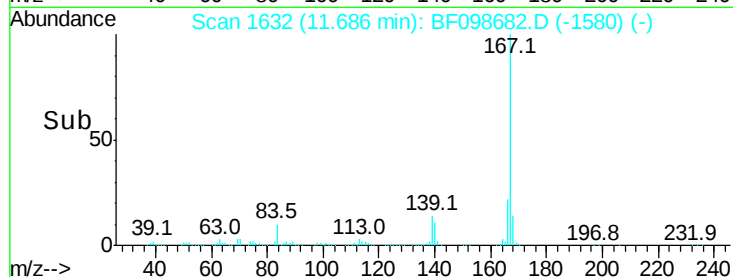
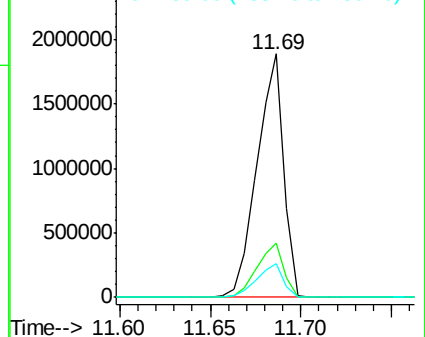
166 22.5 17.6 26.4

139 14.0 10.9 16.3

Manual Integrations
APPROVED

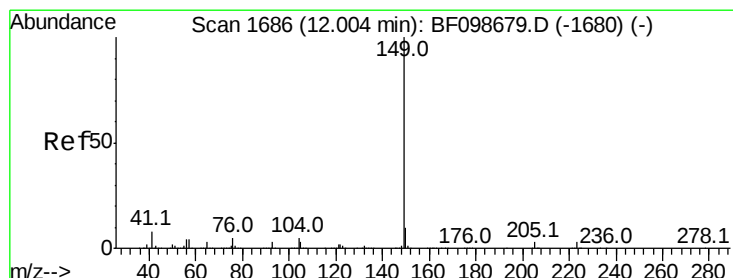


Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



Sohil

9/22/2017 3:54:20 PM



#73

Di-n-butylphthalate

Concen: 74.311 ng

RT: 12.01 min Scan# 1687

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

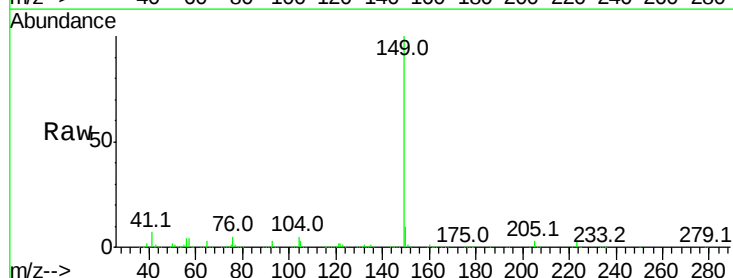
Tgt Ion:149 Resp: 2298049

Ion Ratio Lower Upper

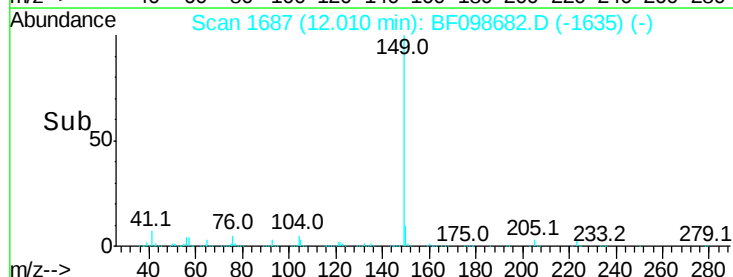
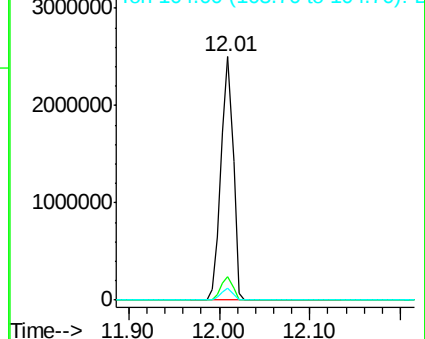
149 100

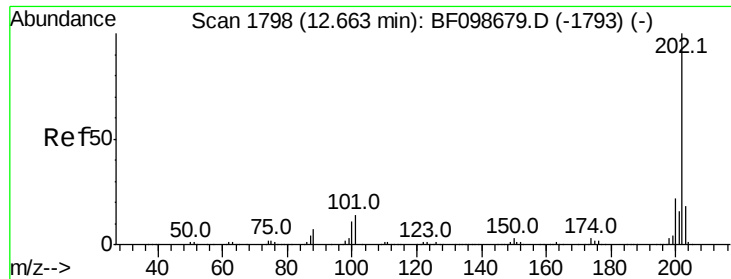
150 9.7 7.8 11.6

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



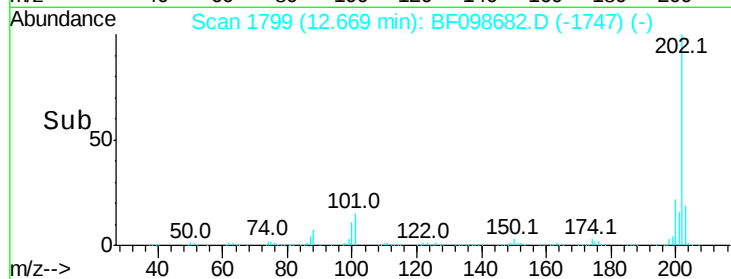
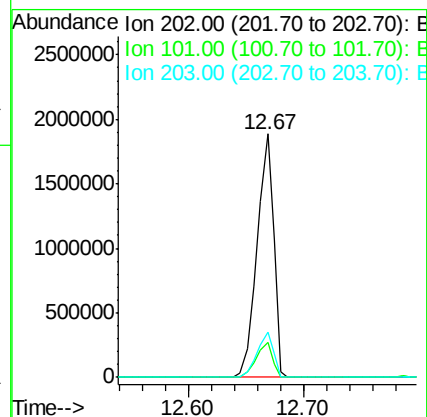
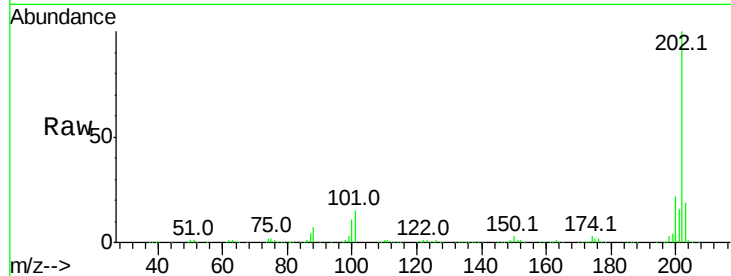


#74
Fluoranthene
 Concen: 70.209 ng
 RT: 12.67 min Scan# 1799
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

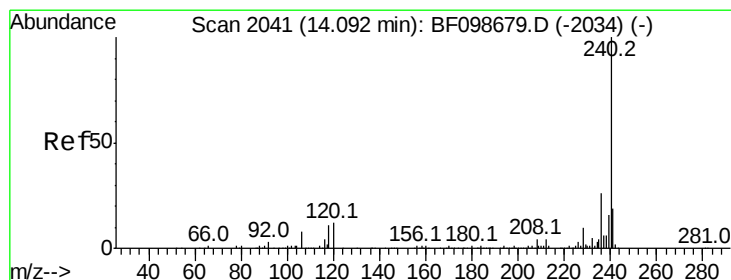
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.6	0.0	34.1
203	18.6	0.0	38.1

Manual Integrations
 APPROVED



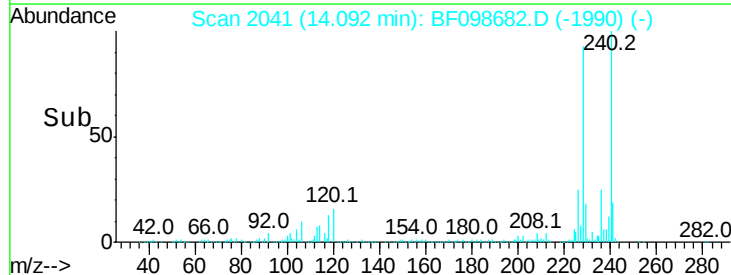
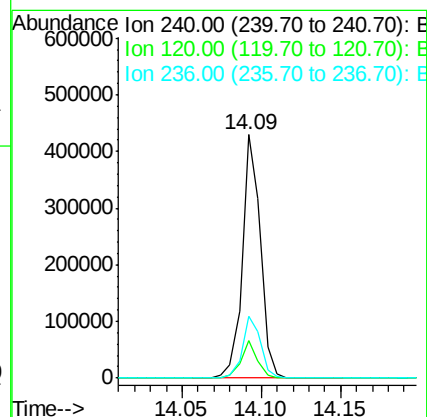
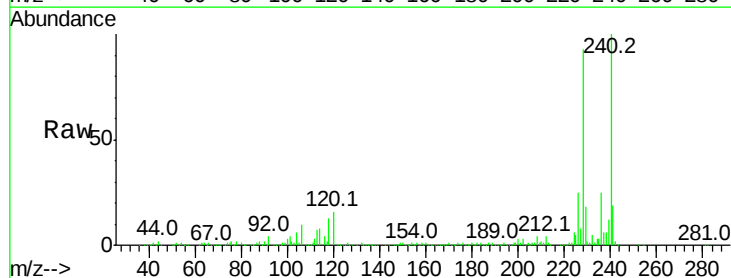
Sohil

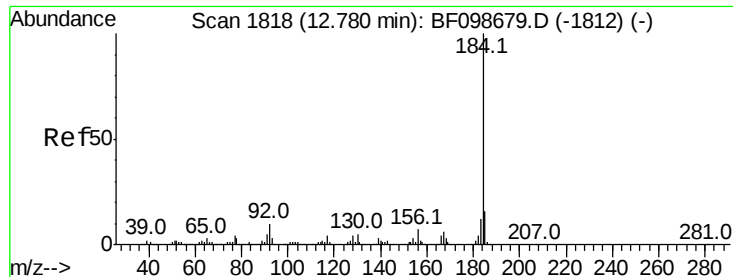
9/22/2017 3:54:20 PM



#75
Chrysene-d12
 Concen: 20.000 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. 0.00 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.7	9.5	14.3#
236	25.2	20.7	31.1





#76

Benzidine

Concen: 64.439 ng

RT: 12.79 min Scan# 1819

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

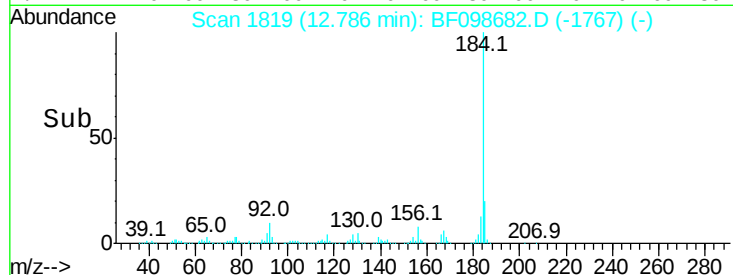
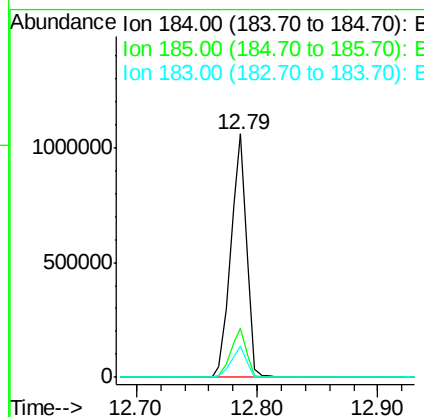
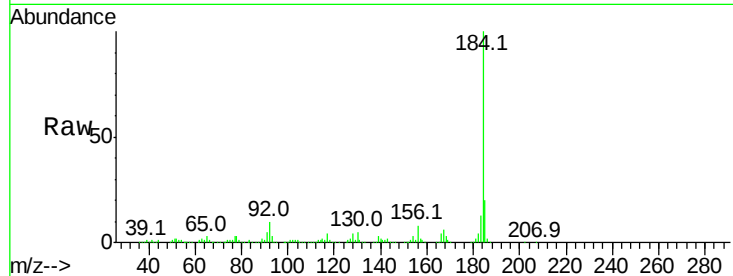
BNA_F

ClientSampleId :

SSTDIC080

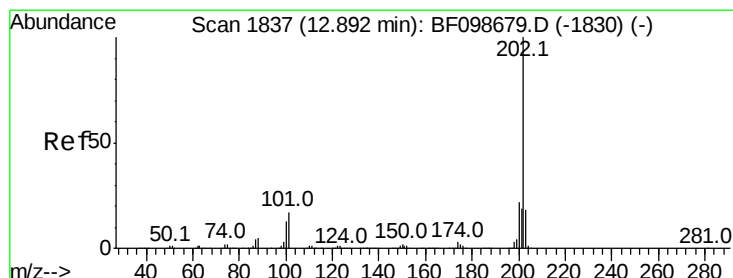
Tot Ion:	184	Resp:	955301
Ion Ratio	Lower	Upper	
184	100		
185	20.1	12.6	18.8#
183	12.8	9.3	13.9

Manual Integrations
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Sohil

9/22/2017 3:54:20 PM



#77

Pyrene

Concen: 73.154 ng

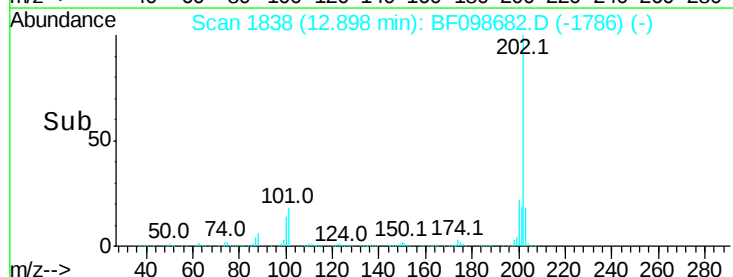
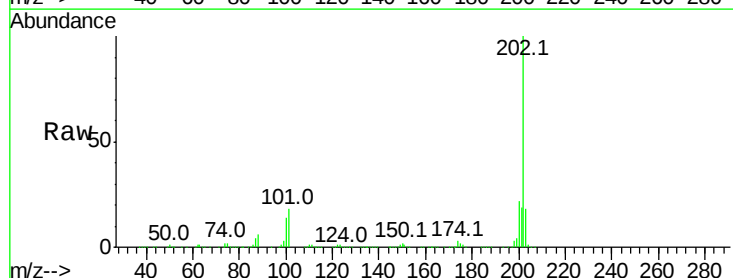
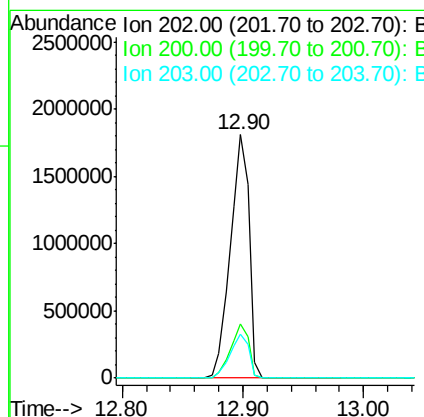
RT: 12.90 min Scan# 1838

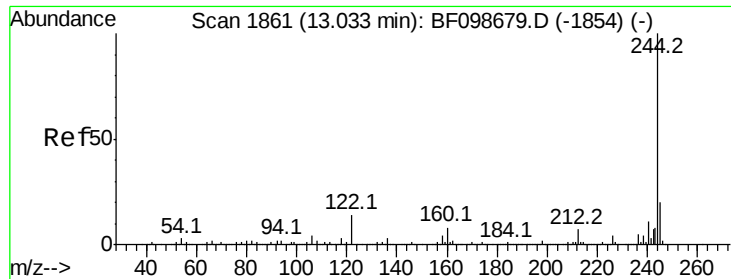
Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Tgt Ion:	202	Resp:	1947814
Ion Ratio	Lower	Upper	
202	100		
200	22.2	17.4	26.2
203	17.9	14.3	21.5



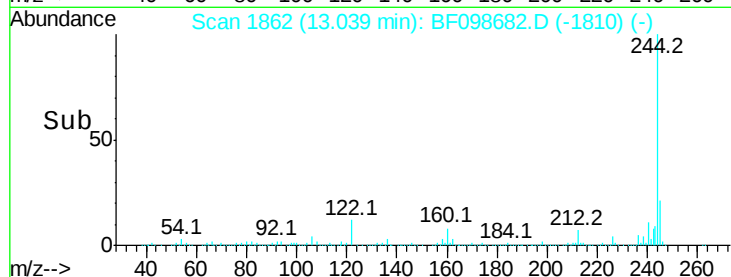
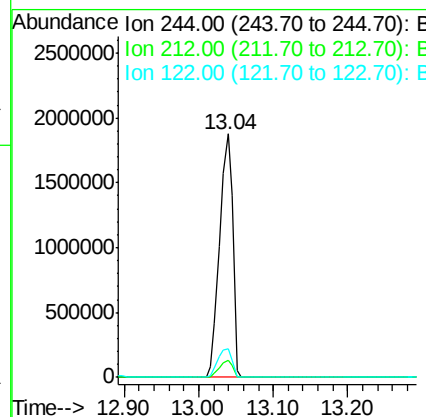
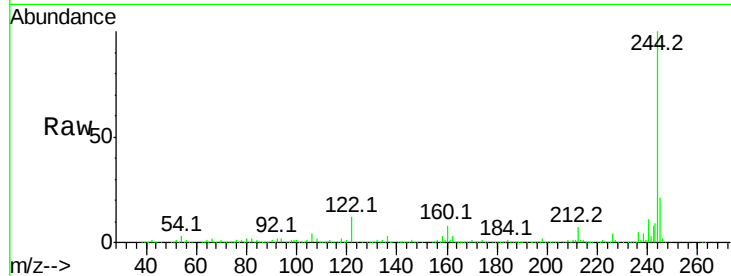


#78
 Terphenyl-d14
 Concen: 144.307 ng
 RT: 13.04 min Scan# 1862
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

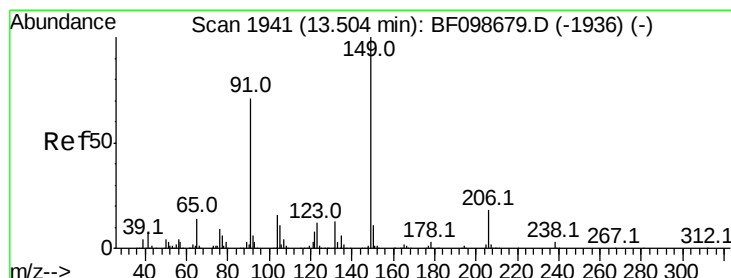
Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.4	8.0
122	12.0	11.0	16.4

Manual Integrations
 APPROVED



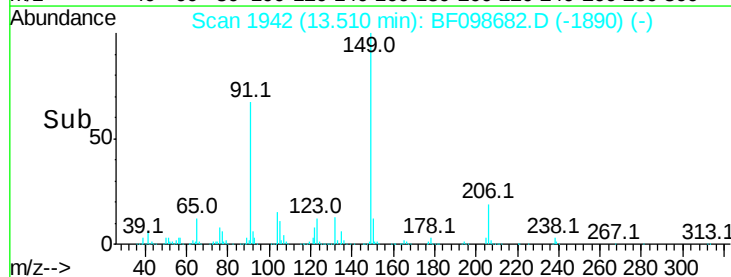
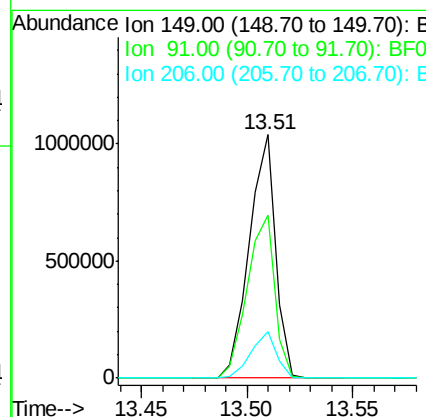
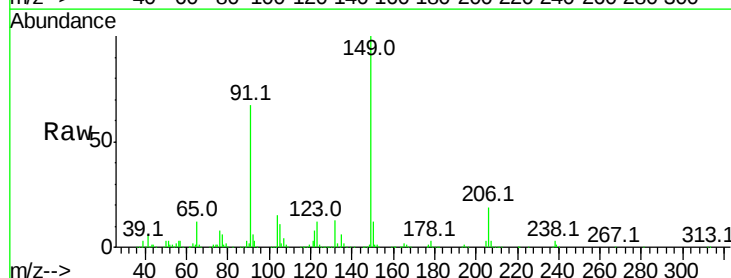
Sohil

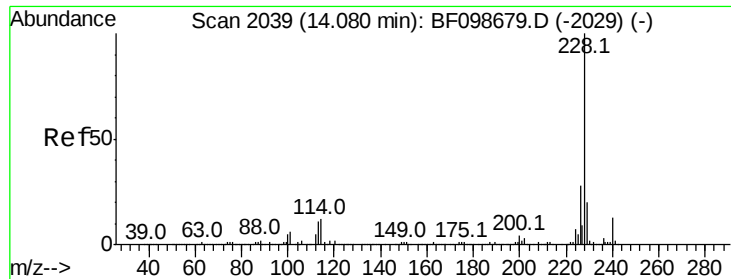
9/22/2017 3:54:20 PM



#79
 Butylbenzylphthalate
 Concen: 78.596 ng
 RT: 13.51 min Scan# 1942
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.0	56.8	85.2
206	19.0	14.1	21.1



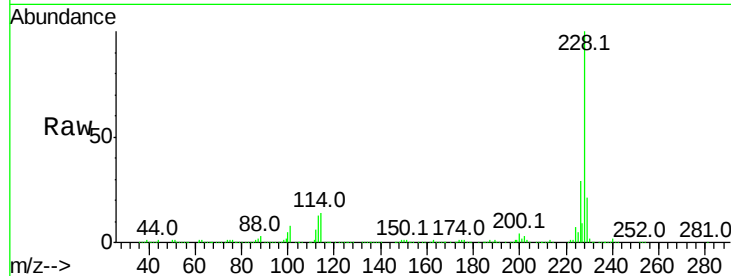


#80
Benzo(a)anthracene
Concen: 75.325 ng
RT: 14.08 min Scan# 2039
Delta R.T. 0.00 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

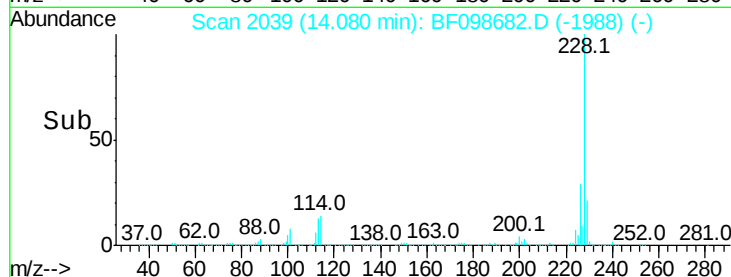
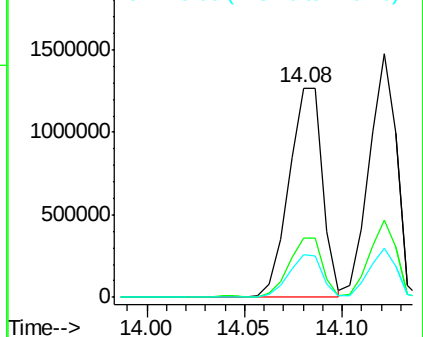
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.6	33.8
229	20.6	15.8	23.6

Manual Integrations
APPROVED

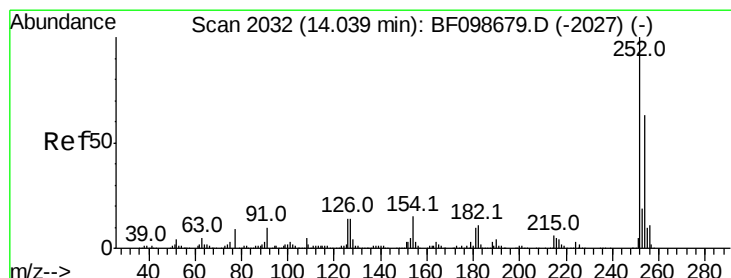


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



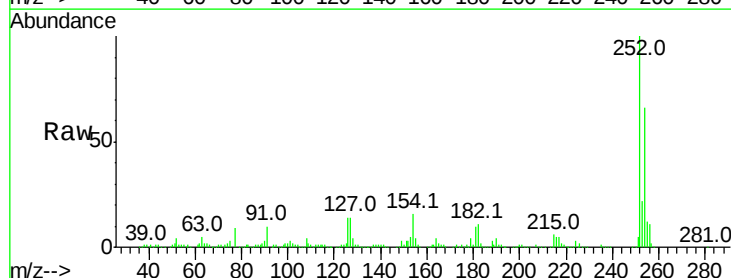
Sohil

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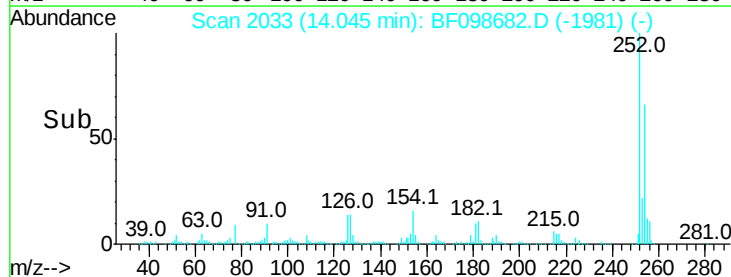
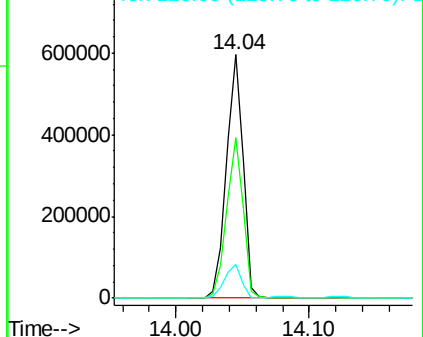


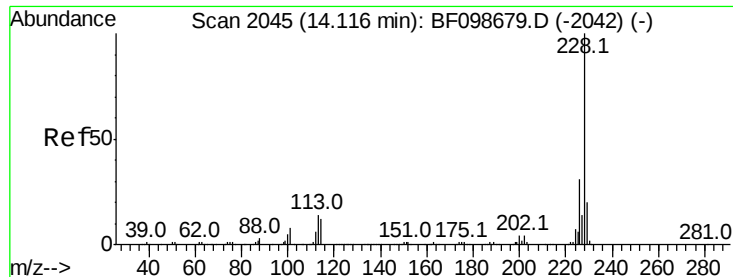
#81
3,3'-Dichlorobenzidine
Concen: 68.956 ng
RT: 14.04 min Scan# 2033
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.0	50.4	75.6
126	13.9	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



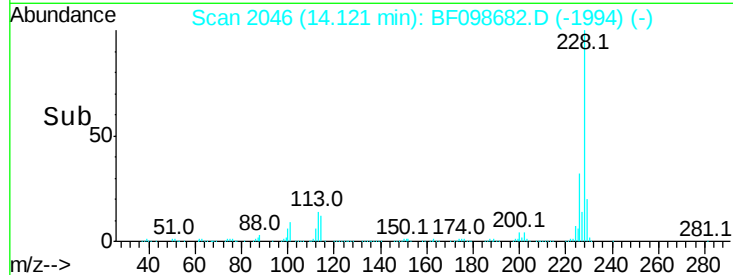
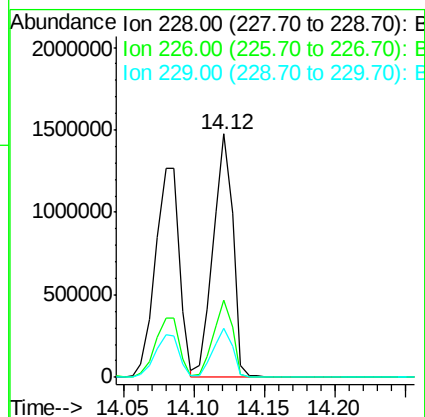
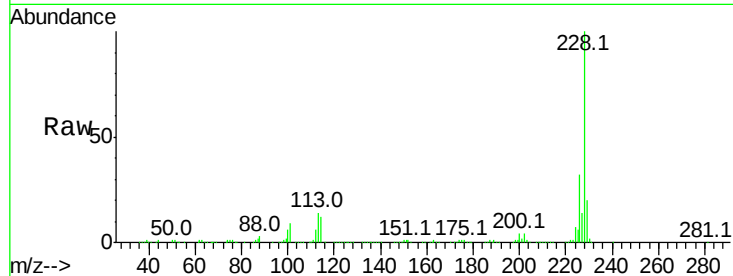


#82
 Chrvsene
 Concen: 71.740 ng
 RT: 14.12 min Scan# 2046
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

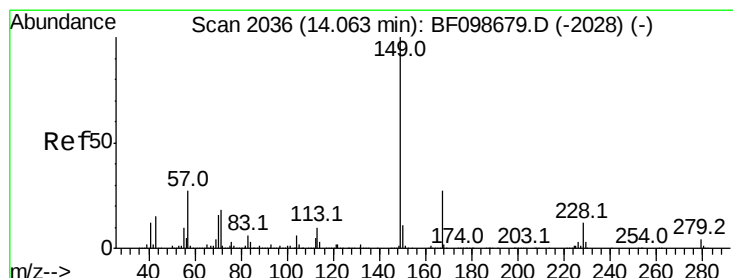
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.0	37.6
229	20.3	16.2	24.4

Manual Integrations
 APPROVED



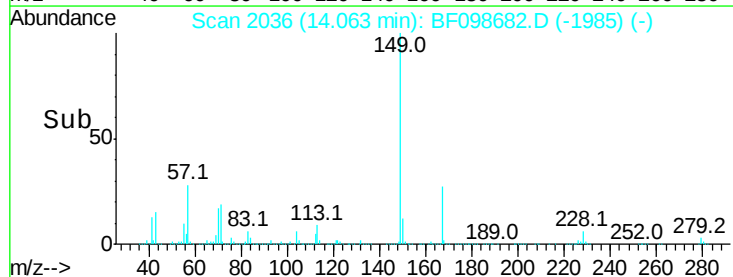
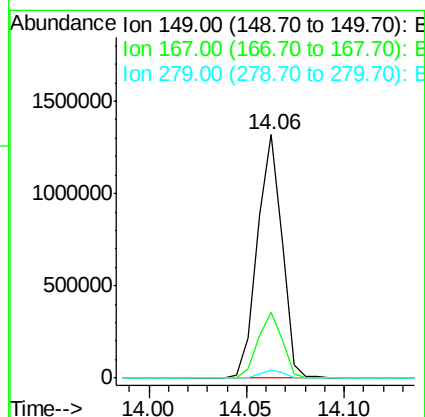
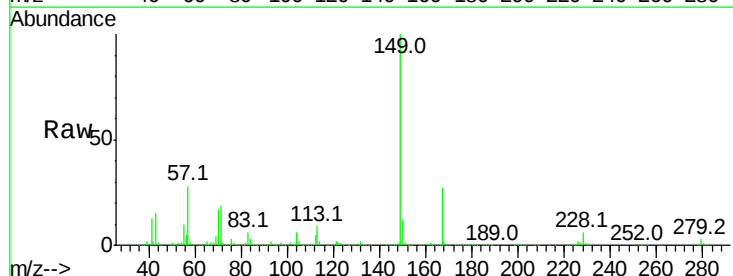
Sohil

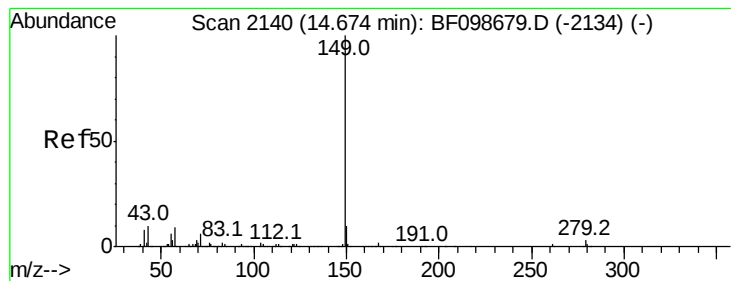
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#83
 Bis(2-ethylhexyl)phthalate
 Concen: 78.852 ng
 RT: 14.06 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.9	21.3	31.9
279	3.4	3.0	4.4





#84

Di-n-octyl phthalate

Concen: 72.192 ng

RT: 14.68 min Scan# 2141

Delta R.T. 0.01 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

Tot Ion:149 Resp: 1756848

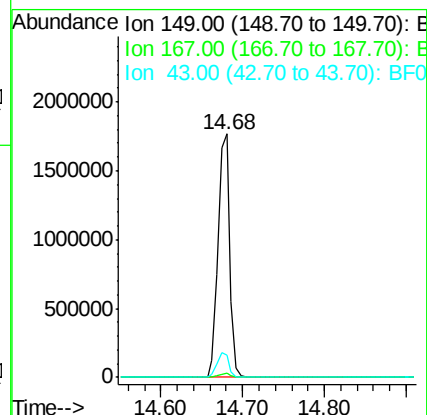
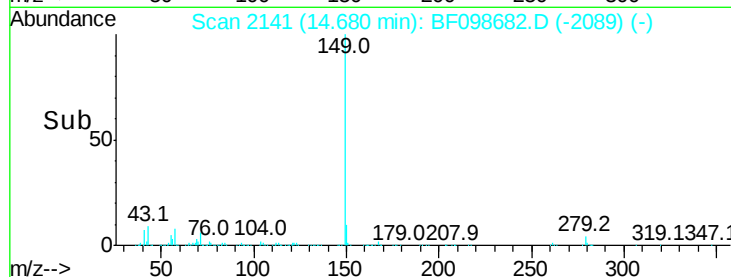
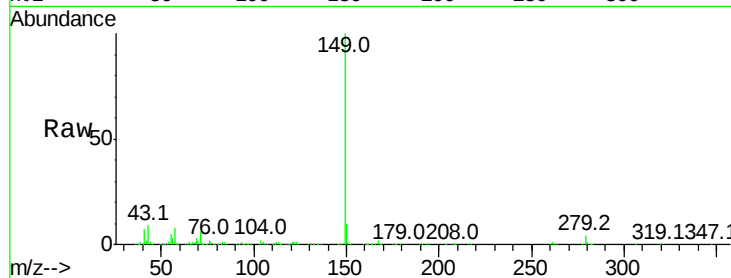
Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

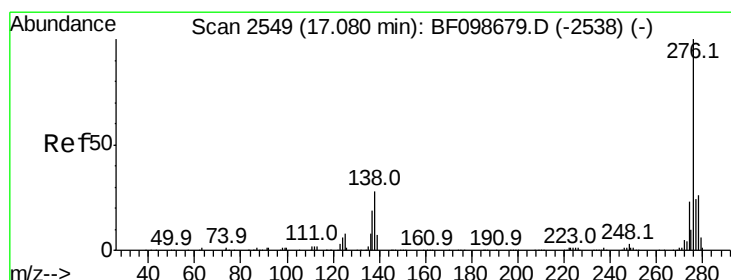
43 10.3 8.4 12.6

Manual Integrations
APPROVED



Sohil

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#85

Indeno(1,2,3-cd)pyrene

Concen: 94.025 ng

RT: 17.10 min Scan# 2552

Delta R.T. 0.02 min

Lab File: BF098682.D

Acq: 22 Sep 2017 4:23

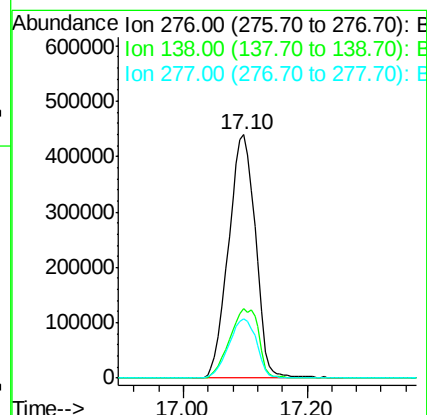
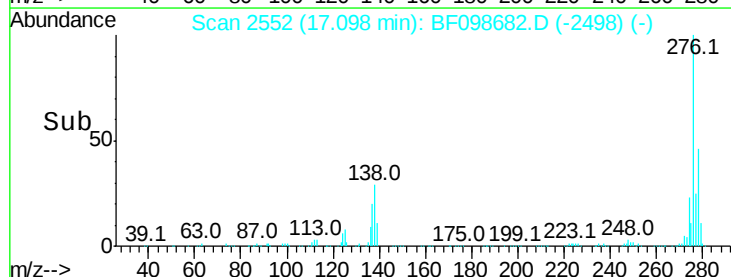
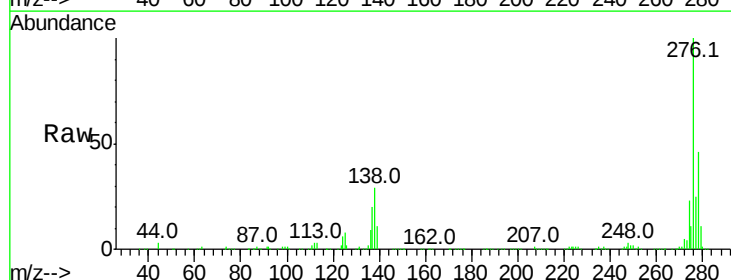
Tgt Ion:276 Resp: 1339681

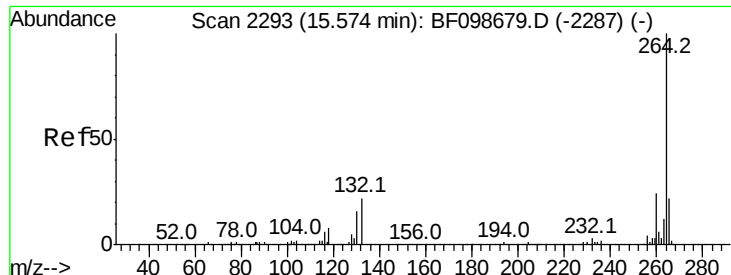
Ion Ratio Lower Upper

276 100

138 31.2 25.0 37.6

277 25.2 20.1 30.1



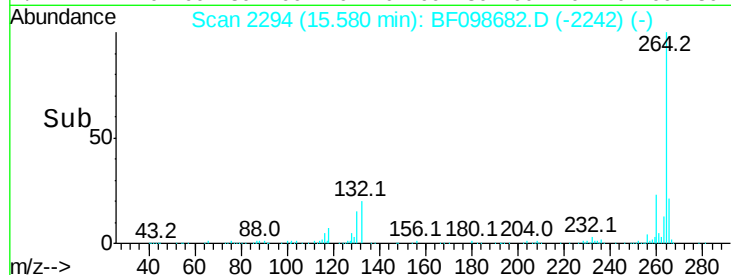
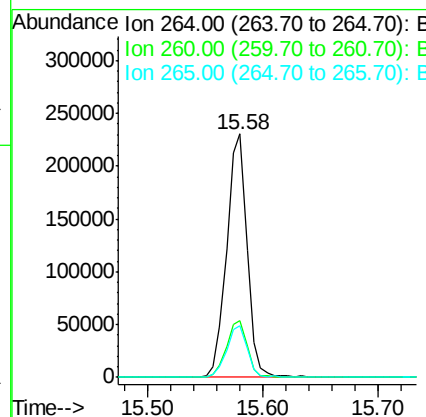
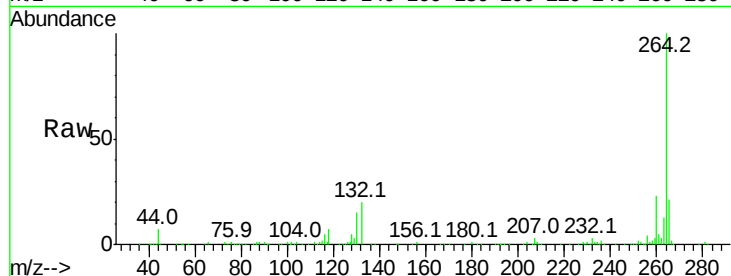


#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.58 min Scan# 2294
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

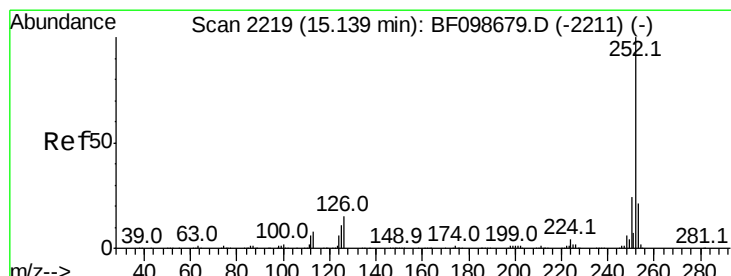
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	21.2	17.5	26.3

Manual Integrations
 APPROVED



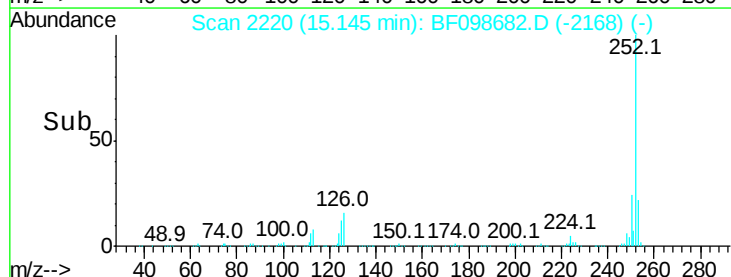
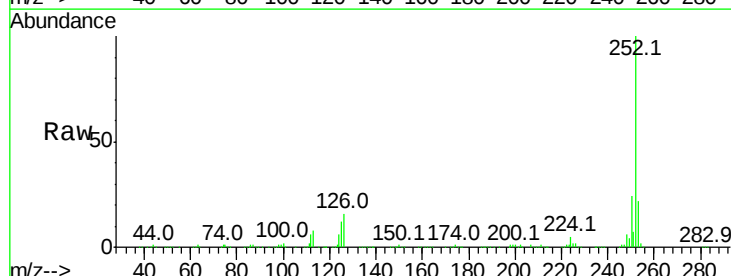
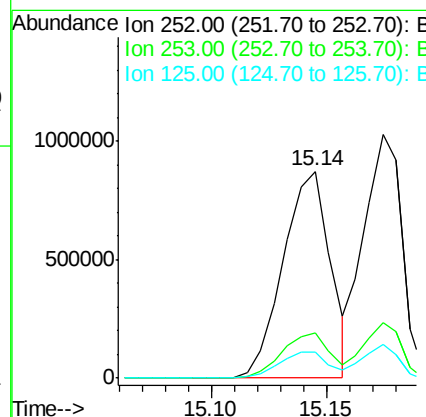
Sohil

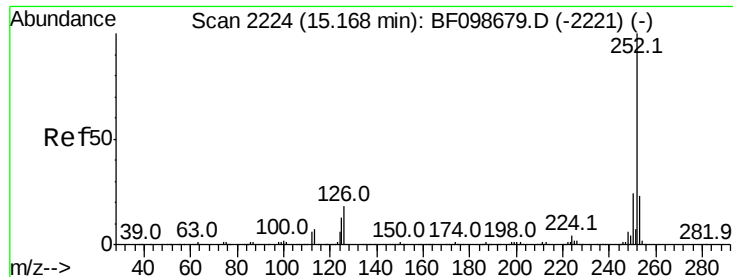
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#87
 Benzo(b)fluoranthene
 Concen: 70.210 ng
 RT: 15.14 min Scan# 2220
 Delta R.T. 0.01 min
 Lab File: BF098682.D
 Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.0	25.6
125	12.4	9.0	13.6



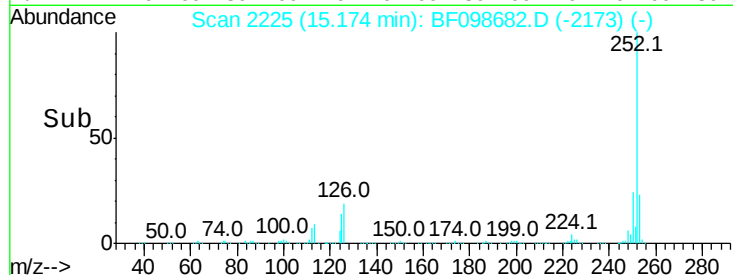
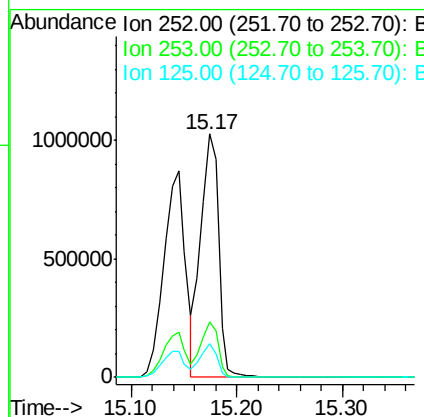
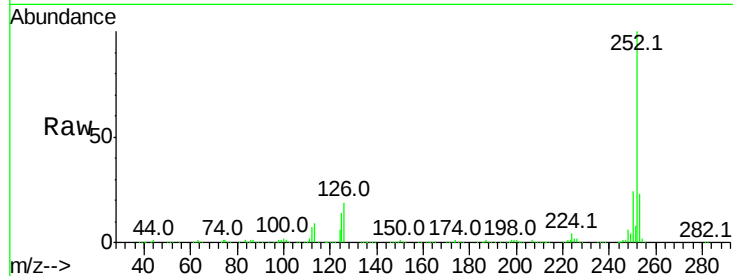


#88
Benzo(k)fluoranthene
Concen: 72.942 ng
RT: 15.17 min Scan# 2225
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

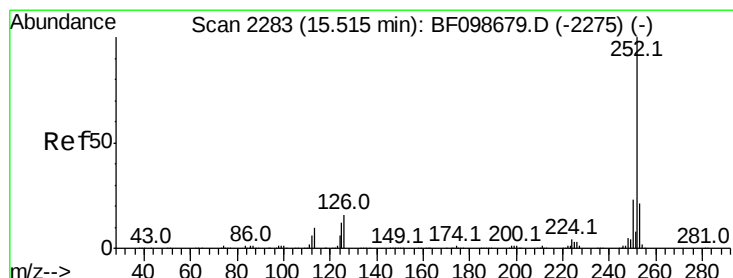
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.9	26.9
125	14.0	10.2	15.2

Manual Integrations
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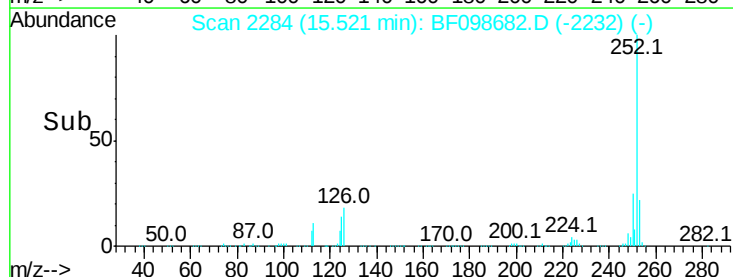
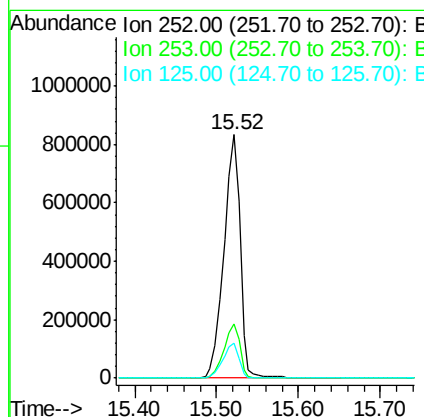
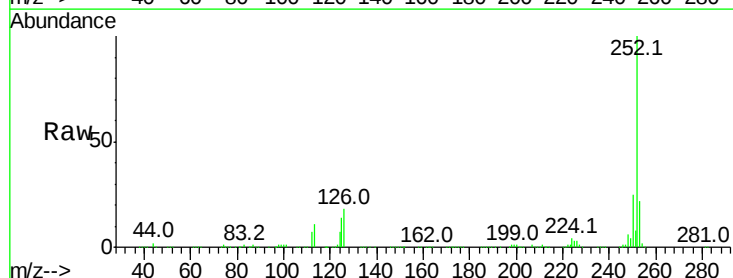
Sohil

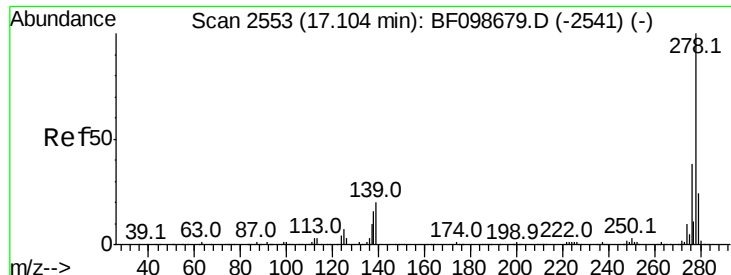
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#89
Benzo(a)pyrene
Concen: 73.132 ng
RT: 15.52 min Scan# 2284
Delta R.T. 0.01 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.1	25.7
125	14.3	9.8	14.6



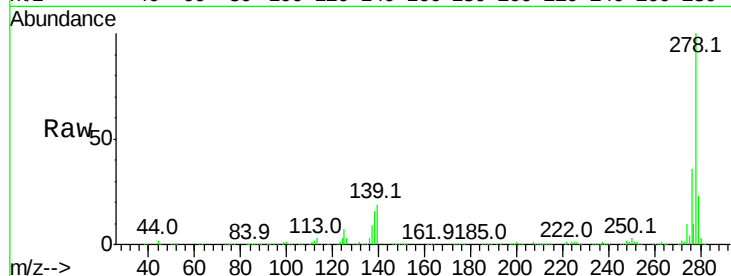


#90
Dibenzo(a,h)anthracene
Concen: 91.352 ng
RT: 17.12 min Scan# 2556
Delta R.T. 0.02 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

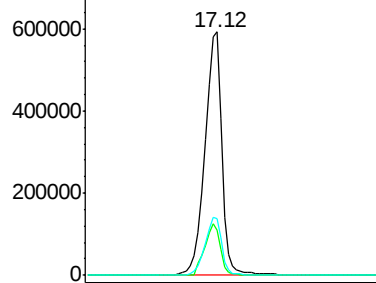
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tot Ion	Ratio	Lower	Upper
278	100		
139	18.8	15.9	23.9
279	23.2	19.0	28.4

Manual Integrations
APPROVED

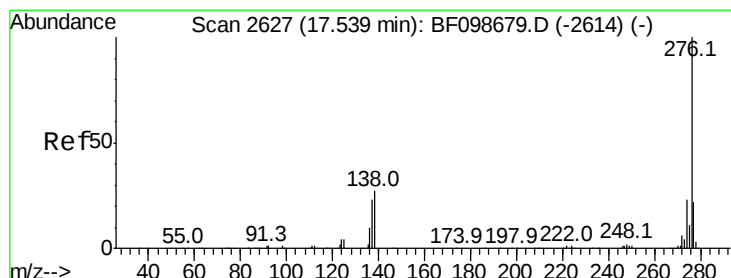
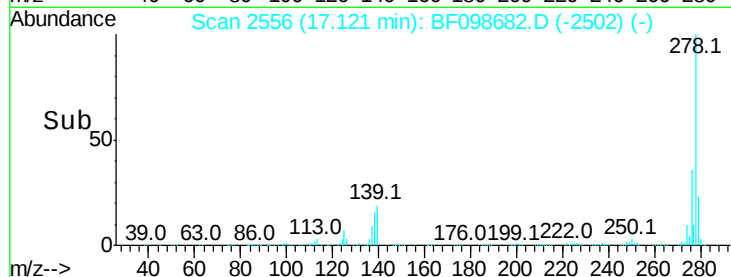


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



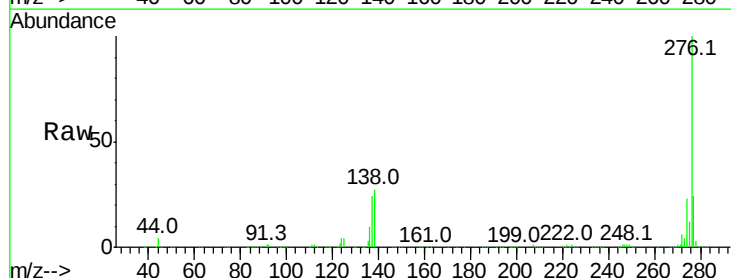
Sohil

9/22/2017 3:54:20 PM



#91
Benzo(g,h,i)perylene
Concen: 94.519 ng
RT: 17.56 min Scan# 2631
Delta R.T. 0.02 min
Lab File: BF098682.D
Acq: 22 Sep 2017 4:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	17.9	26.9
138	27.2	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

