

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101108.D
 Acq On : 4 Dec 2017 19:49
 Operator : SJ/JU
 Sample : I6645-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

Manual Integrations
 APPROVED

Quant Time: Dec 05 02:21:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	53159	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	208045	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	89391	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	146592	20.00	ng	0.00
75) Chrysene-d12	14.02	240	117810	20.00	ng	0.00
86) Perylene-d12	15.50	264	108087	20.00	ng	0.00

Sohil

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	322384	100.21	ng	0.01
7) Phenol-d6	6.49	99	385395	98.67	ng	0.01
23) Nitrobenzene-d5	7.42	82	229325	65.75	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	88942	82.83	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	433016	66.28	ng	0.00
78) Terphenyl-d14	12.96	244	304496	56.53	ng	0.00

12/5/2017 3:24:46 PM

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	38518	28.95	ng	96
3) Pyridine	3.44	79	109003	31.61	ng	94
4) n-Nitrosodimethylamine	3.39	42	58077	34.48	ng	# 88
6) Aniline	6.52	93	107444	21.15	ng	99
8) 2-Chlorophenol	6.64	128	124010	35.35	ng	93
9) Benzaldehyde	6.40	77	52512	21.97	ng	93
10) Phenol	6.50	94	157029	36.16	ng	92
11) bis(2-Chloroethyl)ether	6.59	93	109566	33.63	ng	96
12) 1,3-Dichlorobenzene	6.79	146	139357	34.12	ng	96
13) 1,4-Dichlorobenzene	6.87	146	139097	32.89	ng	97
14) 1,2-Dichlorobenzene	7.02	146	132286	33.54	ng	97
15) Benzyl Alcohol	6.99	79	103231	34.22	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.12	45	178004	40.20	ng	97
17) 2-Methylphenol	7.10	107	100277	35.40	ng	96
18) Hexachloroethane	7.36	117	32908	24.22	ng	94
19) n-Nitroso-di-n-propylamine	7.26	70	84127	31.98	ng	92
20) 3+4-Methylphenols	7.26	107	127067	34.40	ng	# 73
22) Acetophenone	7.26	105	163665	32.56	ng	# 90
24) Nitrobenzene	7.43	77	123538	36.14	ng	98
25) Isophorone	7.67	82	222655	37.38	ng	98
26) 2-Nitrophenol	7.75	139	56094	29.90	ng	94
27) 2,4-Dimethylphenol	7.79	122	106661	39.30	ng	96
28) bis(2-Chloroethoxy)methane	7.88	93	139542	34.85	ng	98
29) 2,4-Dichlorophenol	7.99	162	107250	36.30	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	110825	34.11	ng	96
31) Naphthalene	8.16	128	345809	33.73	ng	99
32) Benzoic acid	7.86	122	6062m	2.87	ng	
33) 4-Chloroaniline	8.20	127	65587	15.92	ng	98
34) Hexachlorobutadiene	8.27	225	65007	32.62	ng	97
35) Caprolactam	8.57	113	29298m	31.82	ng	
36) 4-Chloro-3-methylphenol	8.69	107	103948	33.96	ng	98
37) 2-Methylnaphthalene	8.85	142	238029	34.16	ng	99
39) 1,2,4,5-Tetrachlorobenzene	9.01	216	107053	32.97	ng	# 96
40) Hexachlorocyclopentadiene	8.99	237	4736	11.76	ng	97

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\
 Data File : BF101108.D
 Acq On : 4 Dec 2017 19:49
 Operator : SJ/JU
 Sample : I6645-01MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

Manual Integrations
 APPROVED

Quant Time: Dec 05 02:21:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 04 13:07:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	9.13	196	73829	38.78	nq	97
43) 2,4,5-Trichlorophenol	9.17	196	75151	36.93	nq	94
45) 1,1'-Biphenyl	9.31	154	270830	33.07	nq	97
46) 2-Chloronaphthalene	9.34	162	213713	36.74	nq	95
47) 2-Nitroaniline	9.43	65	62751	36.47	nq	97
48) Acenaphthylene	9.75	152	320555	33.54	nq	99
49) Dimethylphthalate	9.61	163	296860	41.18	nq	100
50) 2,6-Dinitrotoluene	9.67	165	50510	33.26	nq	97
51) Acenaphthene	9.92	154	184429	32.22	nq	99
52) 3-Nitroaniline	9.85	138	45892	26.88	nq	95
53) 2,4-Dinitrophenol	9.97	184	663	5.63	nq	# 15
54) Dibenzofuran	10.10	168	279280	33.86	nq	97
55) 4-Nitrophenol	10.02	139	63113	54.81	nq	92
56) 2,4-Dinitrotoluene	10.09	165	63816	31.36	nq	# 89
57) Fluorene	10.44	166	215388	32.12	nq	99
58) 2,3,4,6-Tetrachlorophenol	10.22	232	54059	33.18	nq	# 86
59) Diethylphthalate	10.30	149	242965	34.17	nq	98
60) 4-Chlorophenyl-phenylether	10.43	204	109784	33.16	nq	92
61) 4-Nitroaniline	10.46	138	48362	27.28	nq	90
62) Azobenzene	10.59	77	188635	31.26	nq	95
64) 4,6-Dinitro-2-methylphenol	10.50	198	2882	2.93	nq	79
65) n-Nitrosodiphenylamine	10.54	169	200467	38.76	nq	95
66) 4-Bromophenyl-phenylether	10.92	248	64767	39.47	nq	# 87
67) Hexachlorobenzene	10.99	284	61731	35.10	nq	# 90
68) Atrazine	11.07	200	59660	37.61	nq	96
69) Pentachlorophenol	11.19	266	50836	52.57	nq	96
70) Phenanthrene	11.40	178	265169	32.85	nq	97
71) Anthracene	11.46	178	274643	33.61	nq	98
72) Carbazole	11.61	167	237756	31.85	nq	98
73) Di-n-butylphthalate	11.93	149	332872	35.58	nq	98
74) Fluoranthene	12.59	202	253891	28.37	nq	95
76) Benzidine	12.72	184	161608	42.18	nq	97
77) Pyrene	12.82	202	252158	31.02	nq	98
79) Butylbenzylphthalate	13.43	149	111213	31.03	nq	# 87
80) Benzo(a)anthracene	14.01	228	244834	32.92	nq	99
81) 3,3'-Dichlorobenzidine	13.97	252	88308	34.28	nq	98
82) Chrysene	14.05	228	230644	33.39	nq	97
83) Bis(2-ethylhexyl)phthalate	13.99	149	159178	31.15	nq	99
84) Di-n-octyl phthalate	14.60	149	282208	33.17	nq	99
85) Indeno(1,2,3-cd)pyrene	16.99	276	172703	28.12	nq	# 92
87) Benzo(b)fluoranthene	15.07	252	230621	35.62	nq	98
88) Benzo(k)fluoranthene	15.10	252	216773	33.99	nq	# 94
89) Benzo(a)pyrene	15.44	252	197526	33.56	nq	# 97
90) Dibenzo(a,h)anthracene	16.99	278	151265	29.15	nq	95
91) Benzo(g,h,i)perylene	17.43	276	133351	27.27	nq	# 91

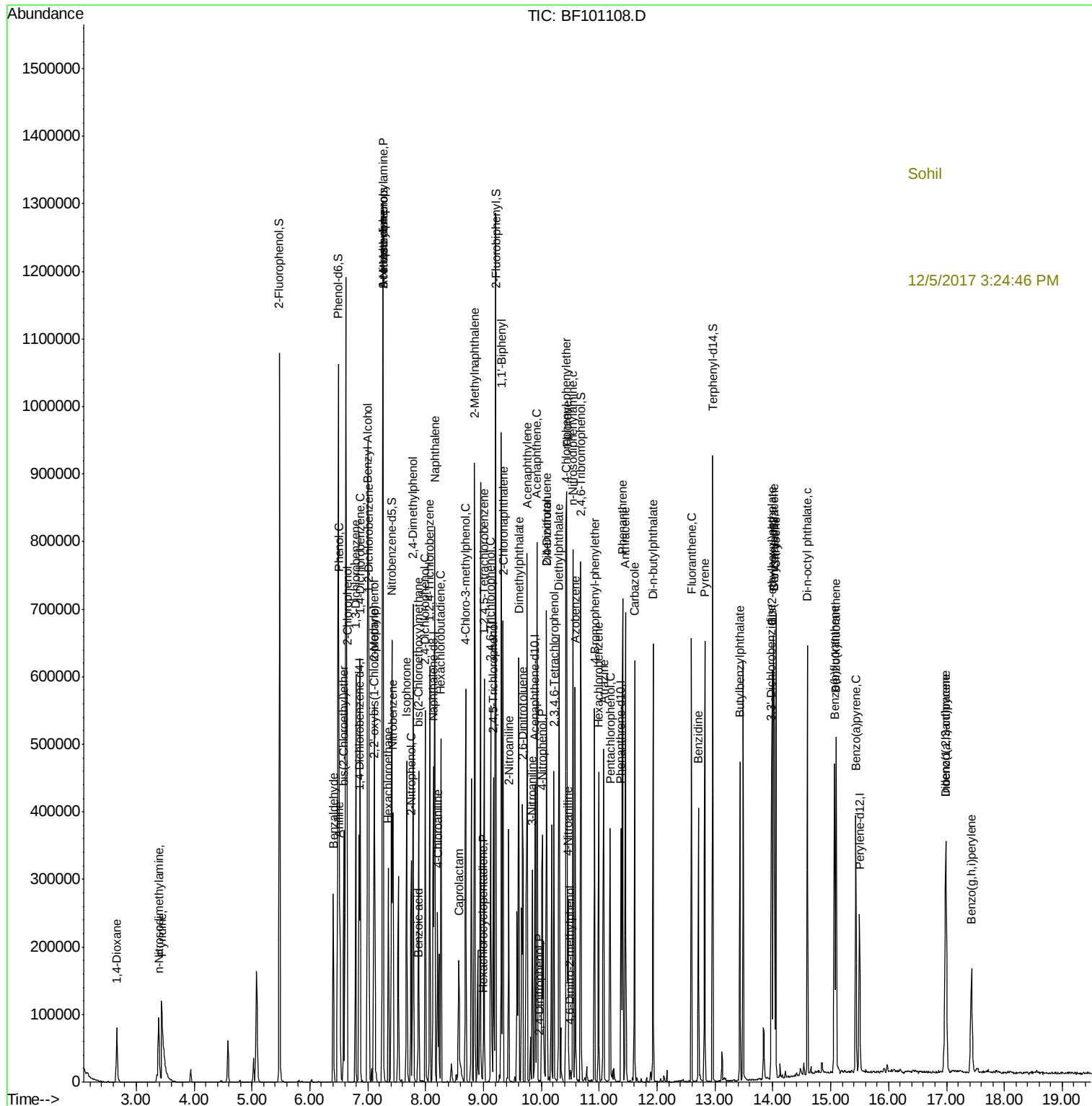
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
Data Path : Z:\HPCHEM1\BNA F\DATA\BF120417\  
Data File : BF101108.D  
Acq On    : 4 Dec 2017 19:49  
Operator  : SJ/JU  
Sample    : I6645-01MS  
Misc      :  
ALS Vial  : 24 Sample Multiplier: 1
```

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

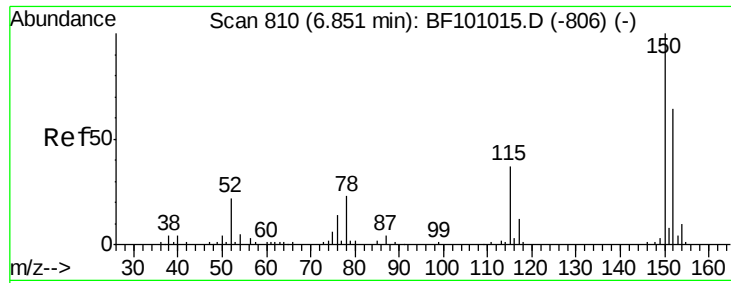
Manual Integrations APPROVED

Quant Time: Dec 05 02:21:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF113017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 04 13:07:49 2017
Response via : Initial Calibration



Sohil

12/5/2017 3:24:46 PM

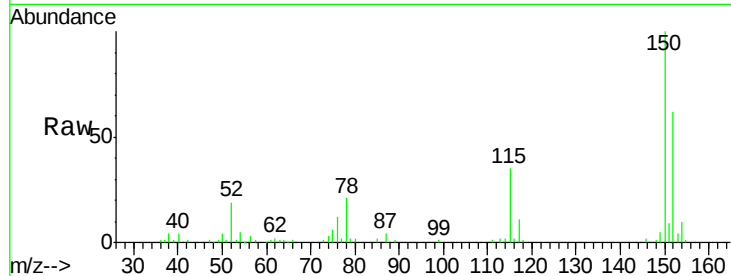


#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 810
 Delta R.T. 0.01 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

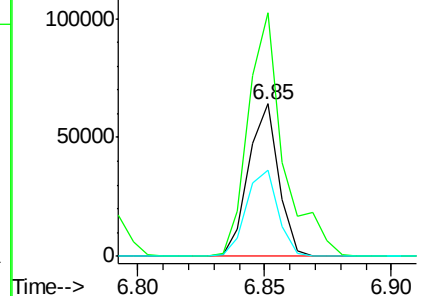
Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.0	124.6	186.8
115	56.2	50.1	75.1

Manual Integrations
 APPROVED

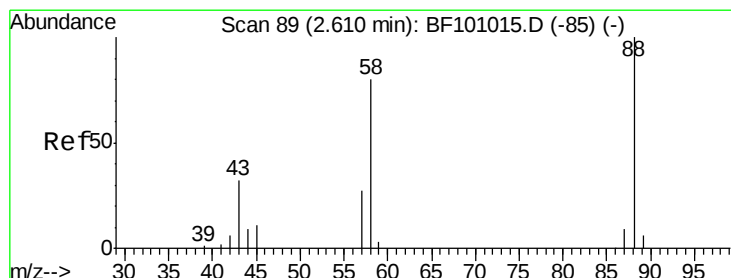
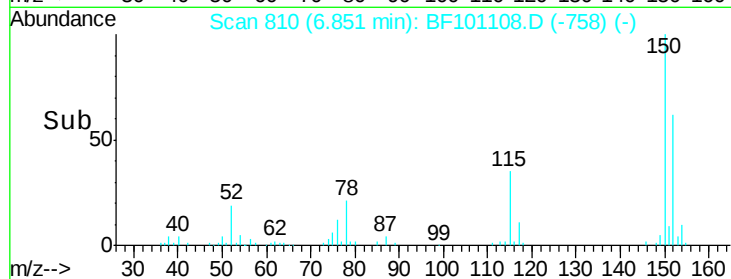


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



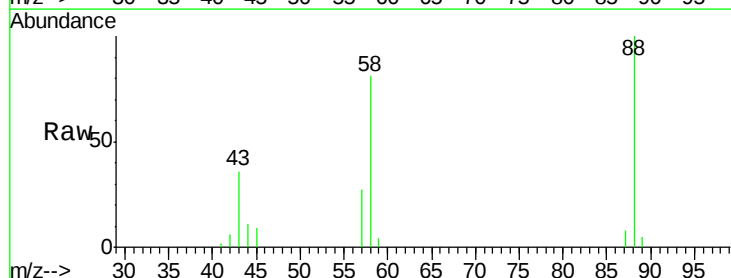
Sohil

12/5/2017 3:24:46 PM

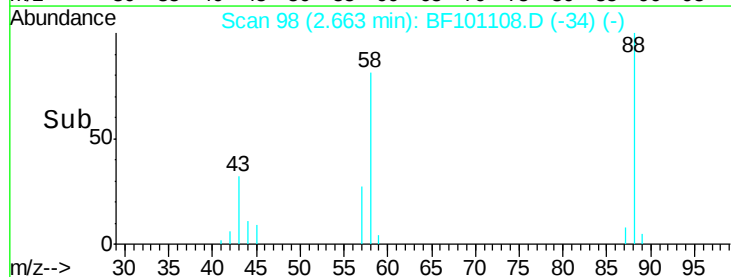
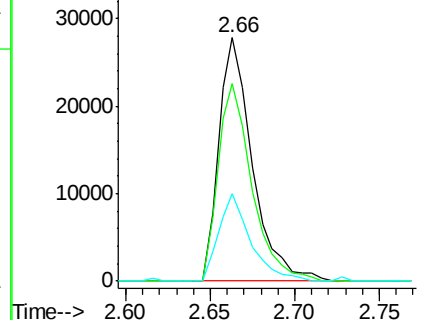


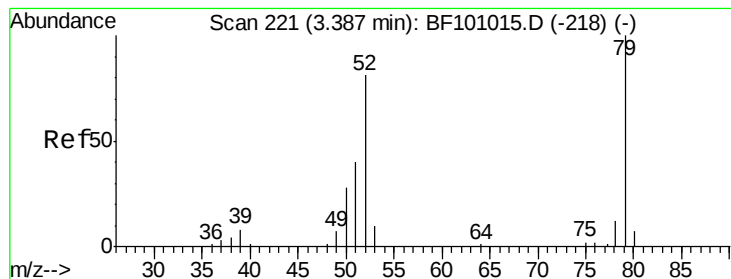
#2
 1,4-Dioxane
 Concen: 28.95 ng
 RT: 2.66 min Scan# 98
 Delta R.T. 0.08 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
88	100		
58	81.5	62.6	93.8
43	34.1	24.6	37.0



Abundance Ion 88.00 (87.70 to 88.70): BF1
 Ion 58.00 (57.70 to 58.70): BF1
 Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 31.61 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.08 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Instrument :

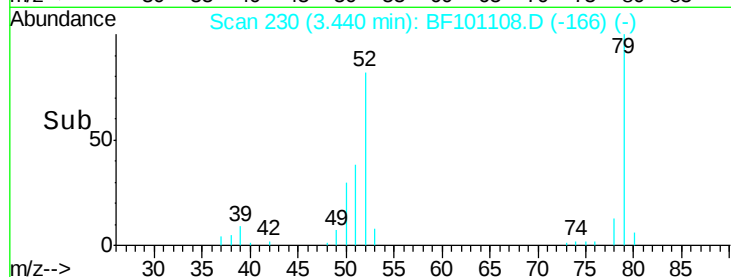
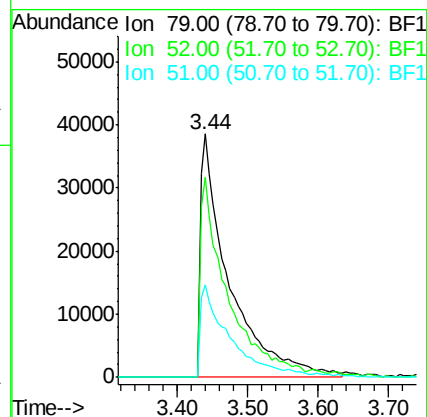
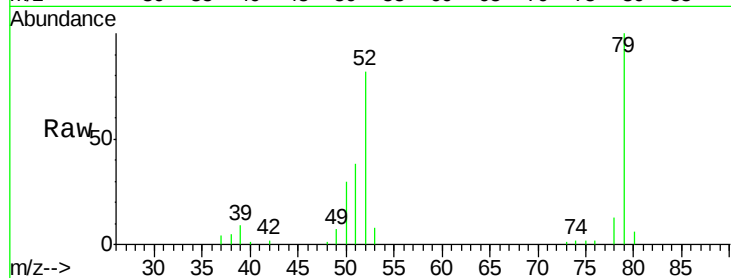
BNA_F

ClientSampleId :

BSC-SB-04MS

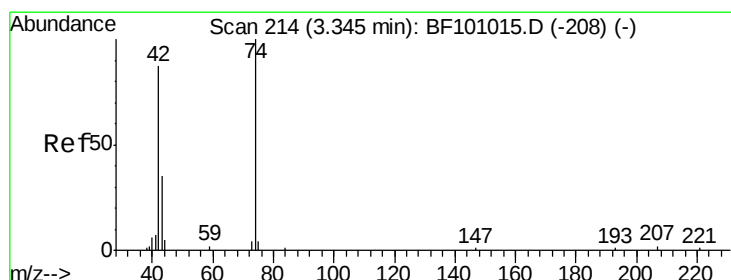
Tot Ion:	79	Resp:	109003
Ion	Ratio	Lower	Upper
79	100		
52	82.1	59.8	89.6
51	37.8	29.8	44.8

Manual Integrations
APPROVED



Sohil

12/5/2017 3:24:46 PM



#4

n-Nitrosodimethylamine

Concen: 34.48 ng

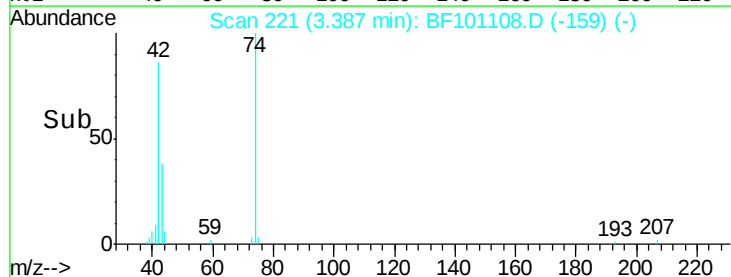
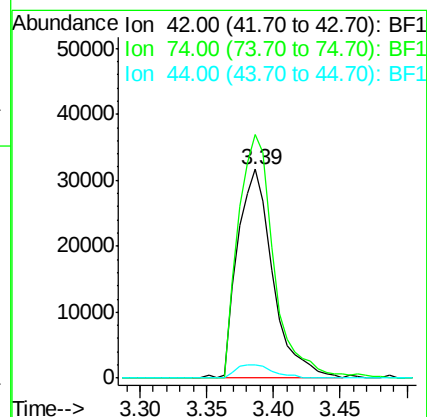
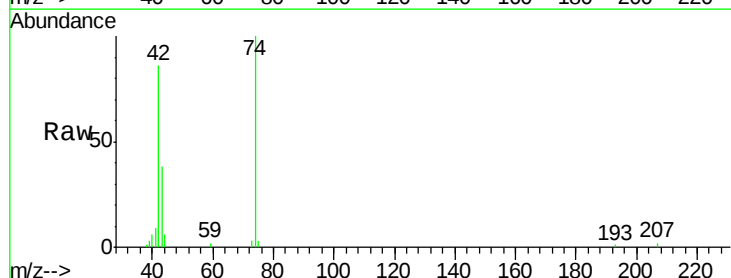
RT: 3.39 min Scan# 221

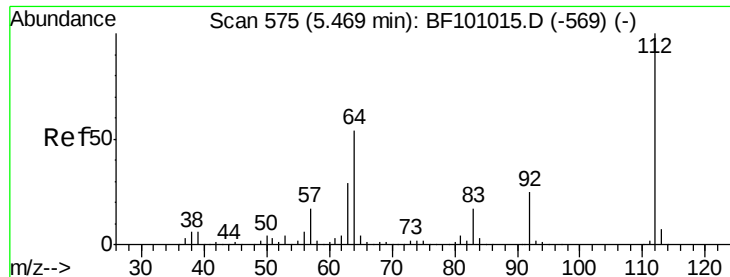
Delta R.T. 0.06 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Tgt Ion:	42	Resp:	58077
Ion	Ratio	Lower	Upper
42	100		
74	116.7	104.9	157.3
44	6.5	6.9	10.3#





#5

2-Fluorophenol

Concen: 100.21 ng

RT: 5.47 min Scan# 576

Delta R.T. 0.01 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Instrument :

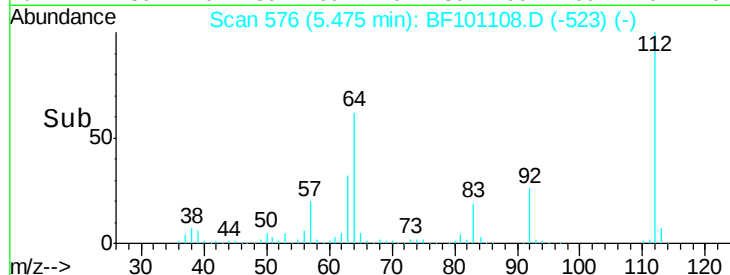
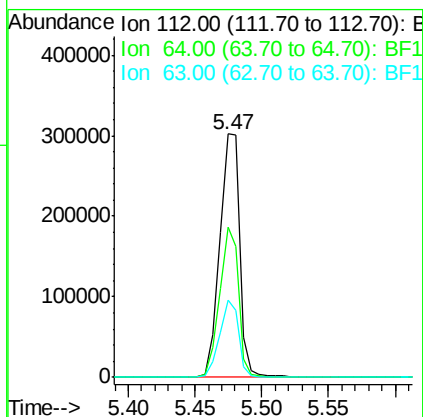
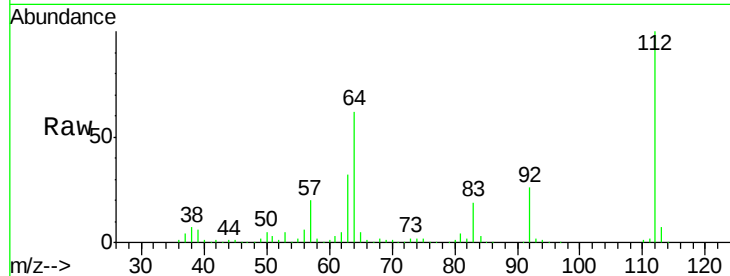
BNA_F

ClientSampleId :

BSC-SB-04MS

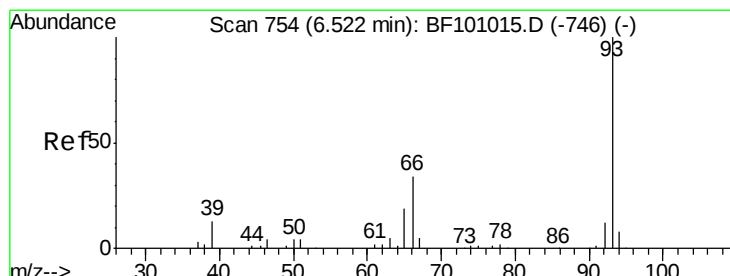
Tot Ion:	112	Resp:	322384
Ion Ratio	Lower	Upper	
112	100		
64	61.8	47.9	71.9
63	31.7	23.7	35.5

Manual Integrations
APPROVED



Sohil

12/5/2017 3:24:46 PM



#6

Aniline

Concen: 21.15 ng

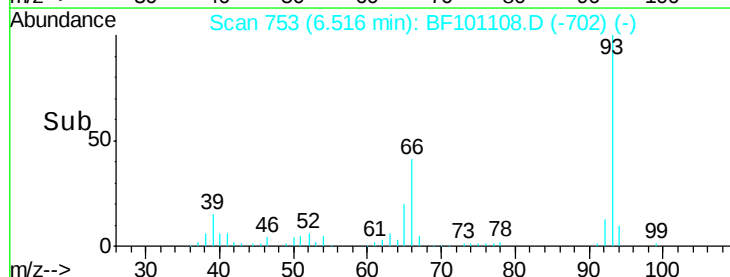
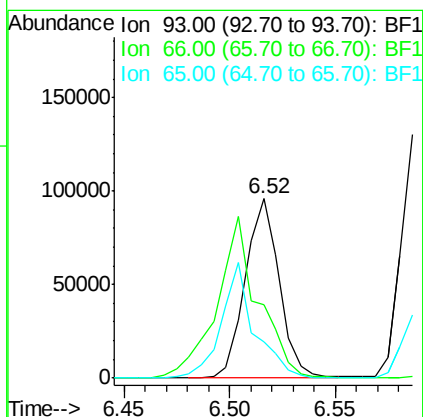
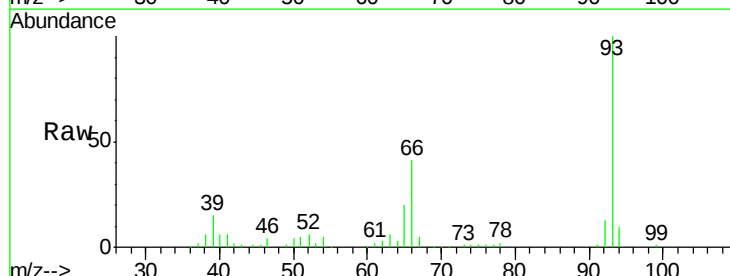
RT: 6.52 min Scan# 753

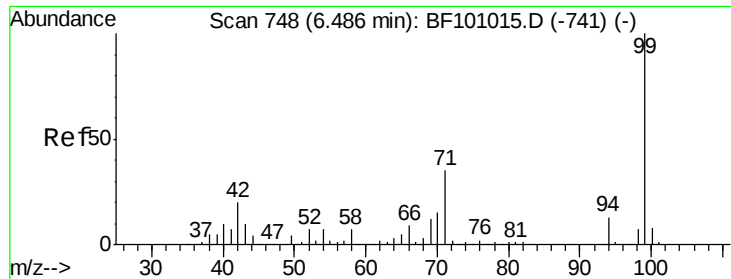
Delta R.T. 0.00 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Tgt Ion:	93	Resp:	107444
Ion Ratio	Lower	Upper	
93	100		
66	40.6	32.2	48.2
65	20.2	16.4	24.6





#7

Phenol-d6

Concen: 98.67 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Instrument :

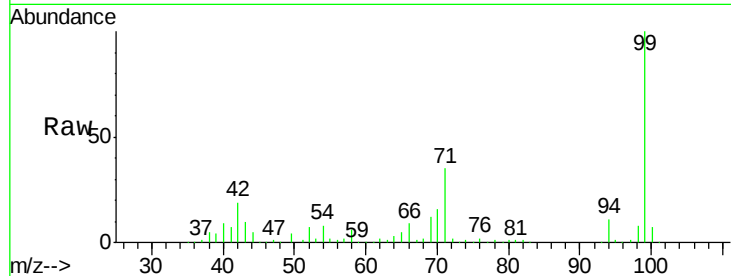
BNA_F

ClientSampleId :

BSC-SB-04MS

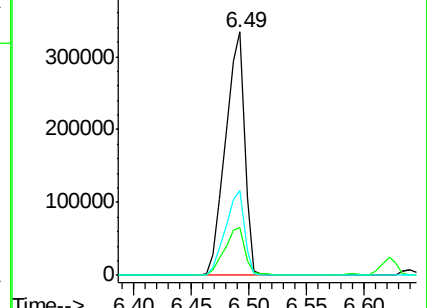
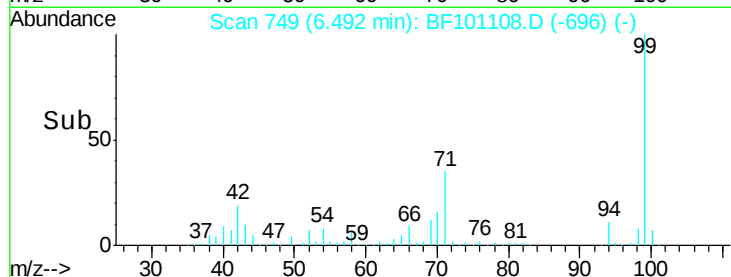
Tot Ion:	99	Resp:	385395
Ion Ratio	Lower	Upper	
99	100		
42	19.5	14.5	21.7
71	34.8	25.4	38.0

Manual Integrations
APPROVED



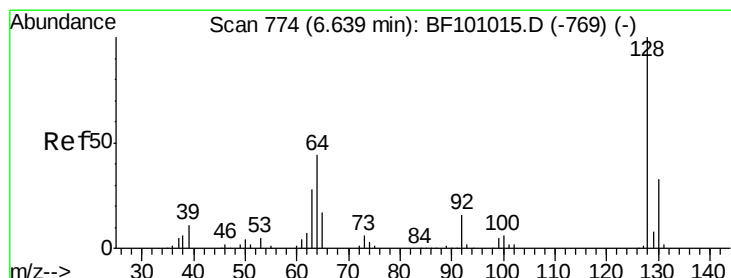
Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1

6.49



Sohil

12/5/2017 3:24:46 PM



#8

2-Chlorophenol

Concen: 35.35 ng

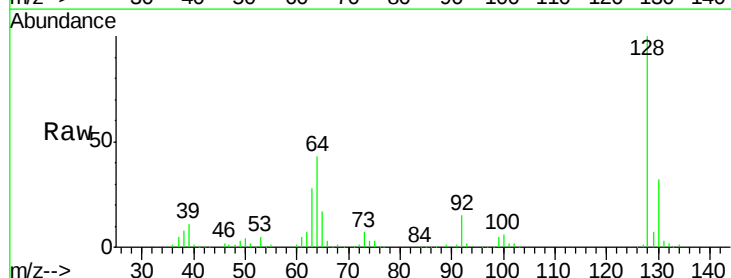
RT: 6.64 min Scan# 774

Delta R.T. 0.01 min

Lab File: BF101108.D

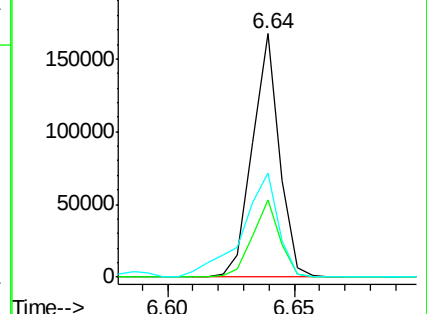
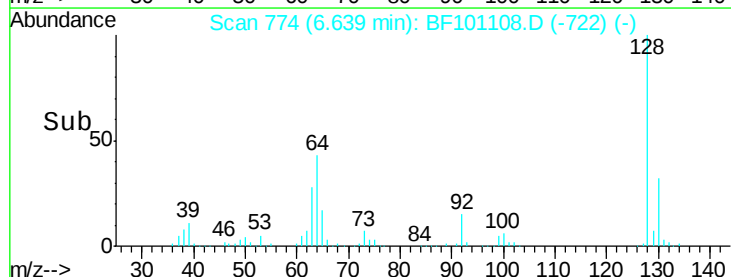
Acq: 4 Dec 2017 19:49

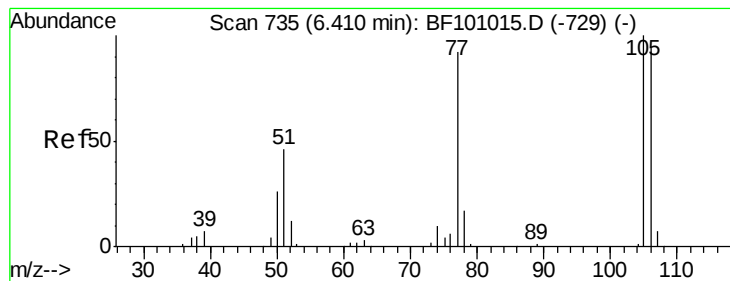
Tgt Ion:	128	Resp:	124010
Ion Ratio	Lower	Upper	
128	100		
130	31.9	13.0	53.0
64	42.7	29.4	69.4



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

6.64





#9

Benzaldehyde

Concen: 21.97 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.00 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Instrument :

BNA_F

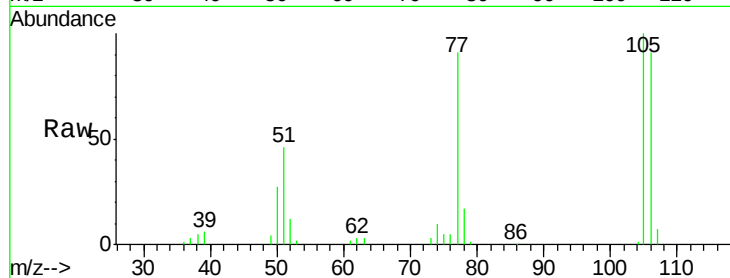
ClientSampleId :

BSC-SB-04MS

Tot Ion: 77 Resp: 52512

Ion	Ratio	Lower	Upper
77	100		
105	109.7	81.1	121.1
106	99.6	74.5	114.5

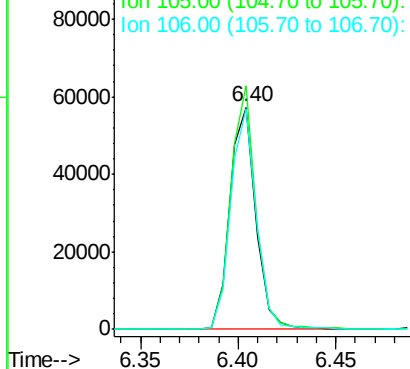
Manual Integrations
APPROVED



Abundance Ion 77.00 (76.70 to 77.70): BF1

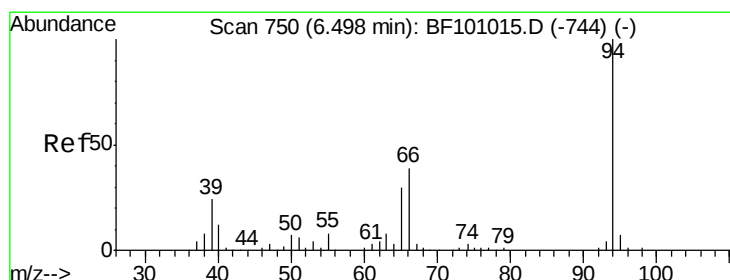
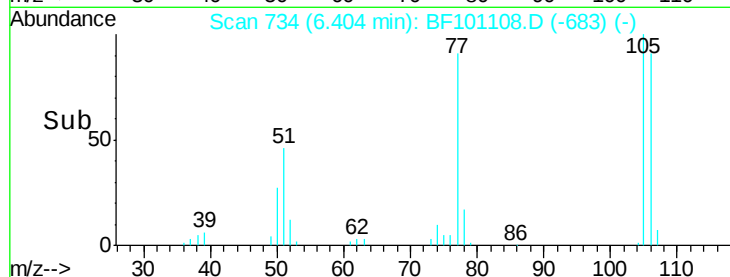
Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



Sohil

12/5/2017 3:24:46 PM



#10

Phenol

Concen: 36.16 ng

RT: 6.50 min Scan# 751

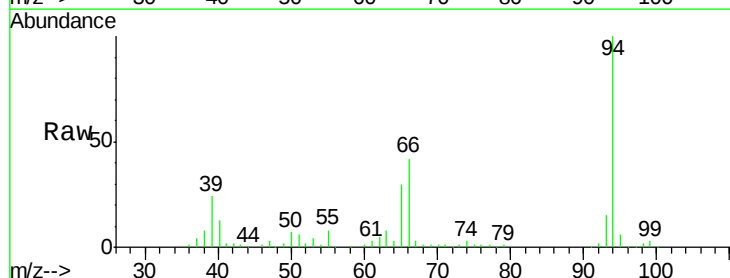
Delta R.T. 0.01 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Tgt Ion: 94 Resp: 157029

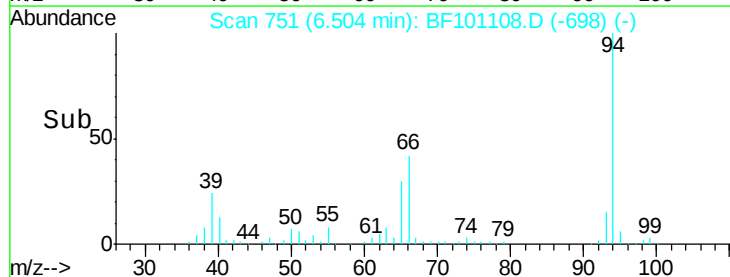
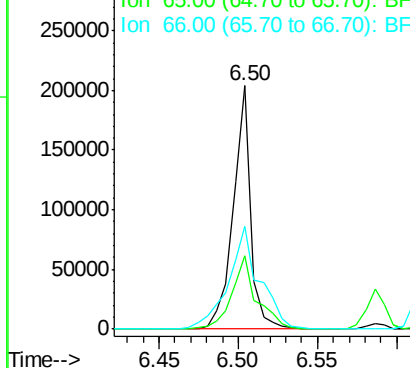
Ion	Ratio	Lower	Upper
94	100		
65	30.2	7.9	47.9
66	42.4	16.2	56.2

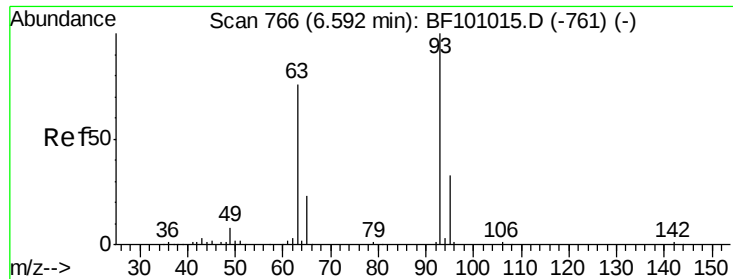


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



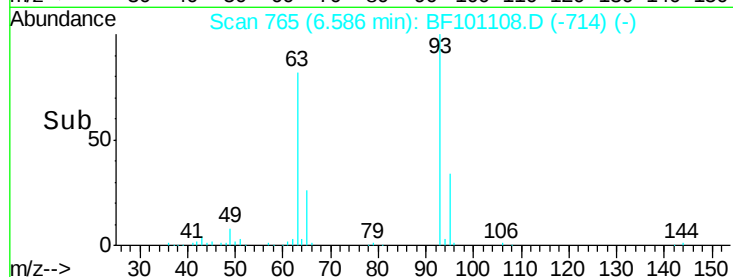
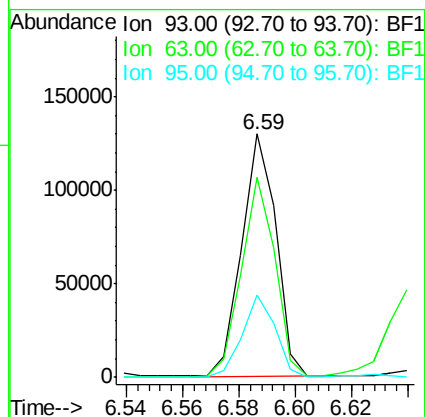
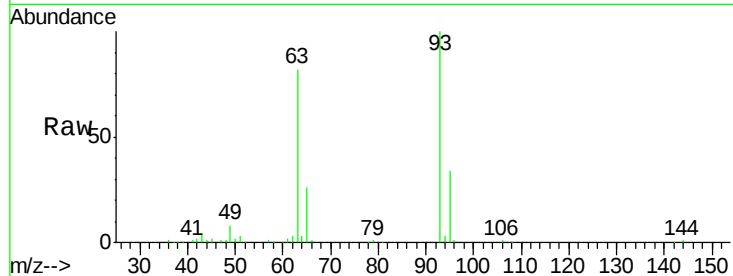


#11
bis(2-Chloroethyl)ether
Concen: 33.63 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

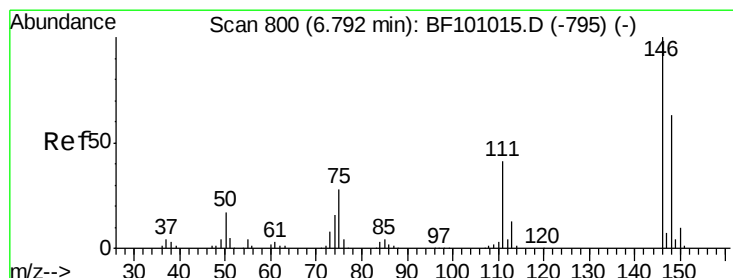
Tot Ion	93	Resp	109566
Ion Ratio	Lower	Upper	
93	100		
63	82.4	58.6	98.6
95	33.7	11.8	51.8

Manual Integrations
APPROVED



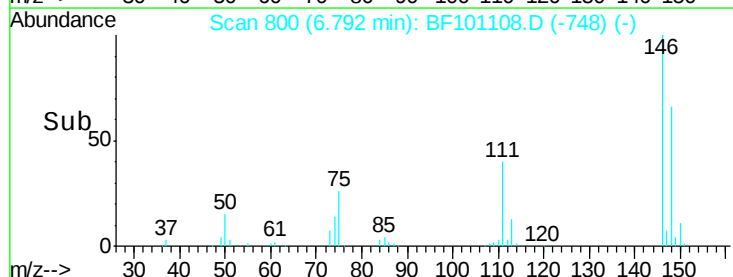
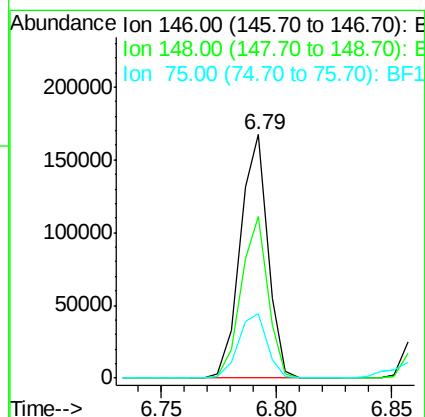
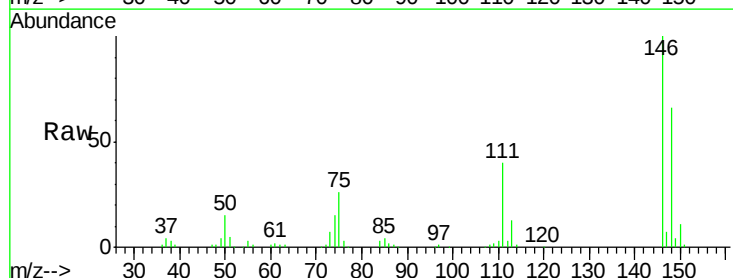
Sohil

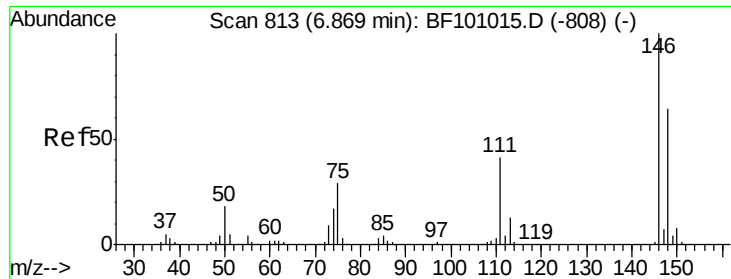
12/5/2017 3:24:46 PM



#12
1,3-Dichlorobenzene
Concen: 34.12 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.01 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	146	Resp	139357
Ion Ratio	Lower	Upper	
146	100		
148	66.4	51.8	77.8
75	26.4	24.2	36.4



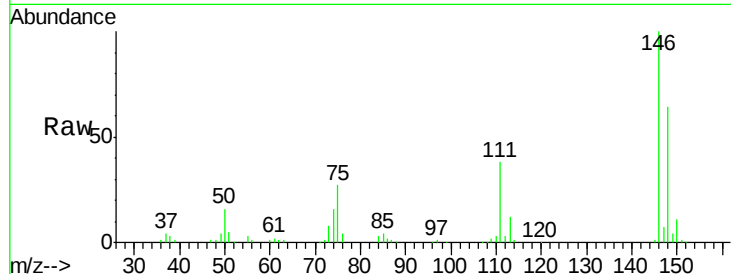


#13
 1,4-Dichlorobenzene
 Concen: 32.89 ng
 RT: 6.87 min Scan# 813
 Delta R.T. 0.01 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

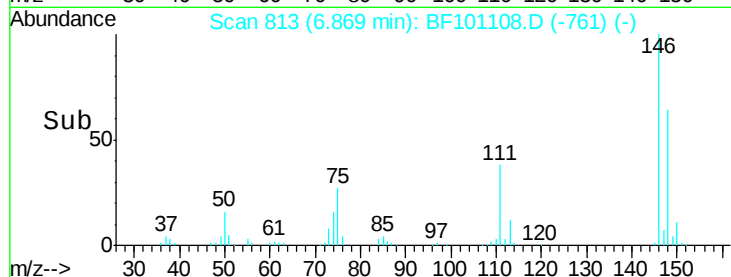
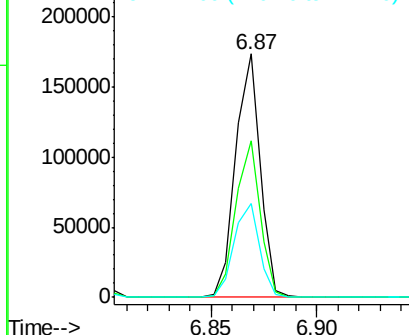
Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	50.8	76.2
111	38.4	34.2	51.2

Manual Integrations
 APPROVED

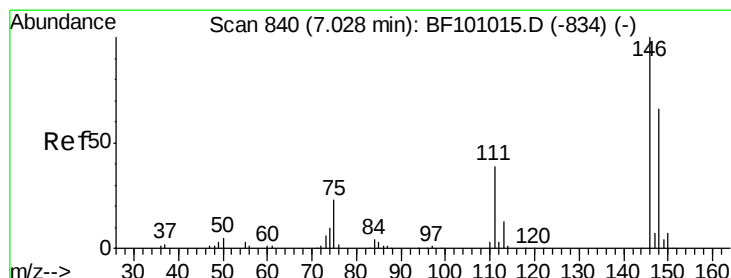


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E



Sohil

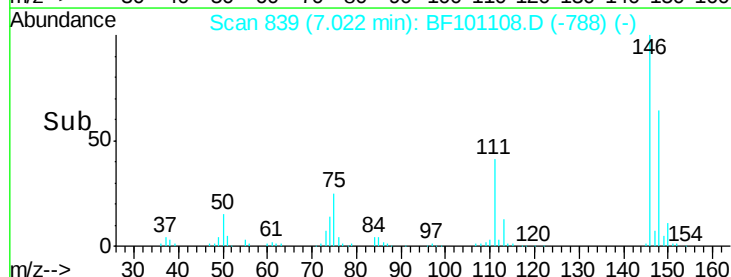
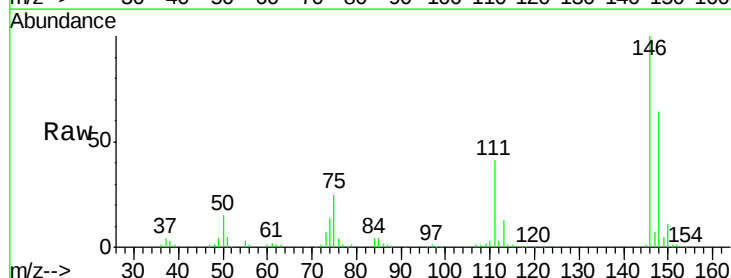
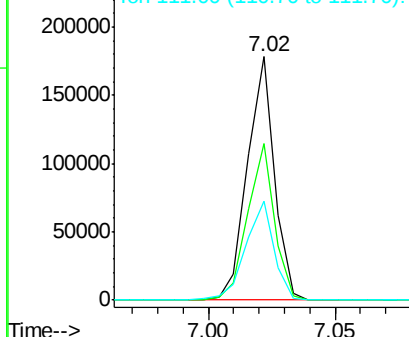
12/5/2017 3:24:46 PM

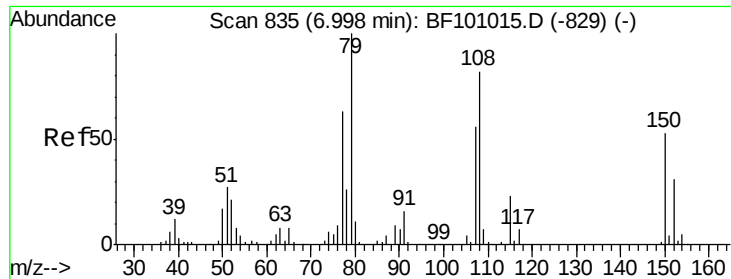


#14
 1,2-Dichlorobenzene
 Concen: 33.54 ng
 RT: 7.02 min Scan# 839
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	50.6	75.8
111	40.8	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



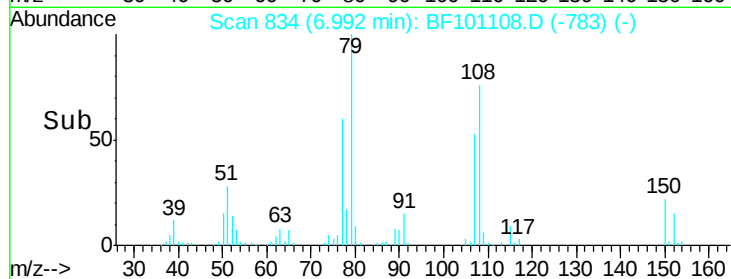
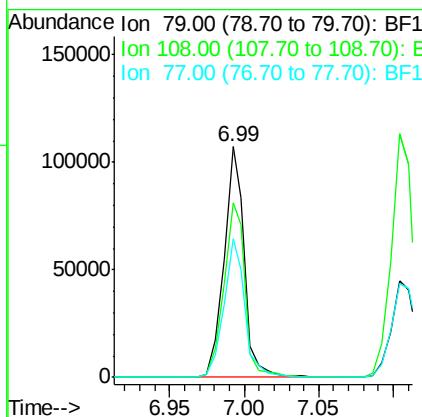
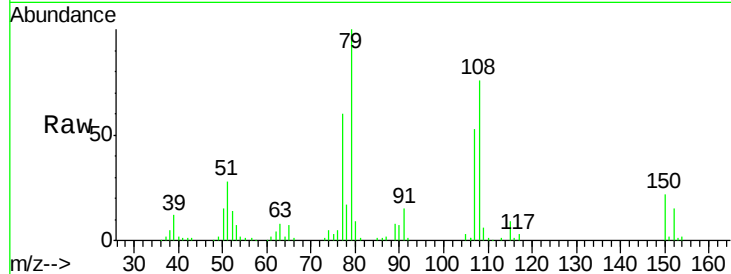


#15
Benzyl Alcohol
Concen: 34.22 ng
RT: 6.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

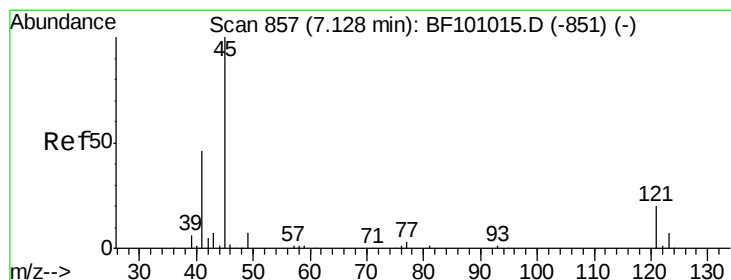
Tot Ion	Ratio	Lower	Upper
79	100		
108	75.9	65.1	97.7
77	59.9	50.6	75.8

Manual Integrations
APPROVED



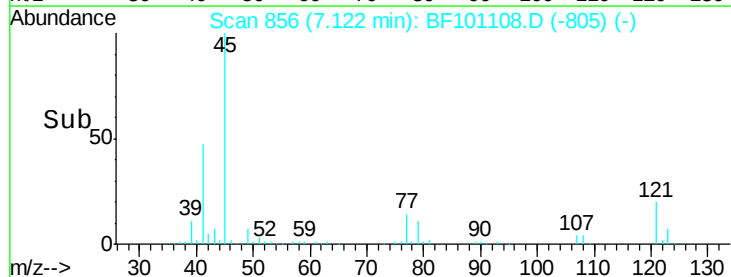
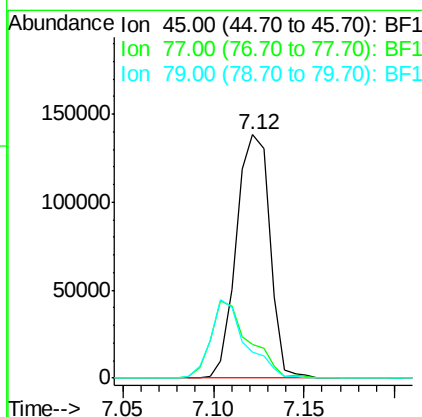
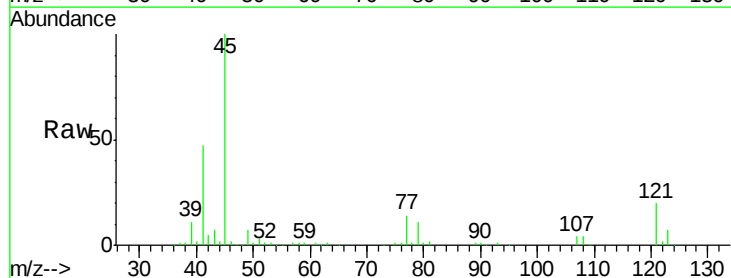
Sohil

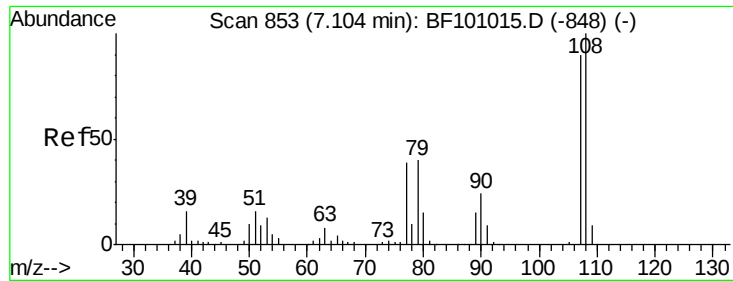
12/5/2017 3:24:46 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.20 ng
RT: 7.12 min Scan# 856
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.6	0.0	32.9
79	10.9	0.0	29.6



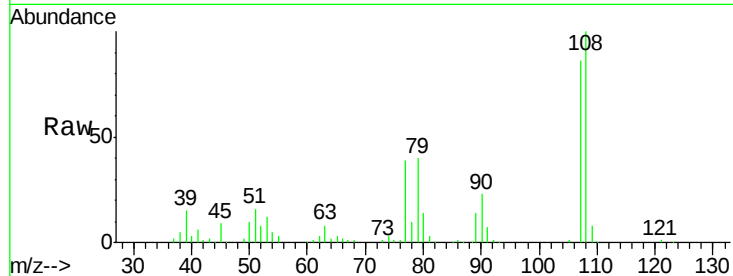


#17
2-Methylphenol
Concen: 35.40 ng
RT: 7.10 min Scan# 853
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

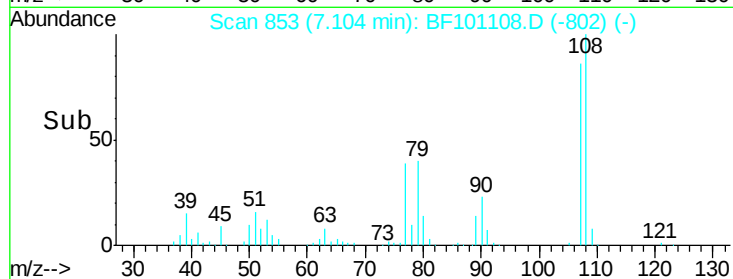
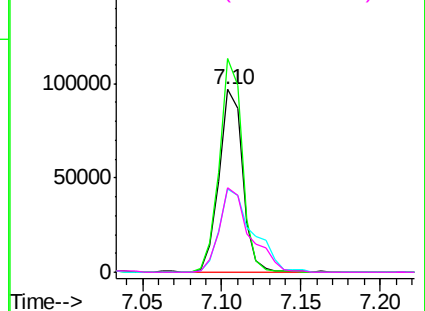
Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

Tot Ion:	107	Resp:	100277
Ion Ratio	Lower	Upper	
107	100		
108	116.9	91.7	137.5
77	45.2	33.8	50.8
79	46.3	33.8	50.8

Manual Integrations
APPROVED

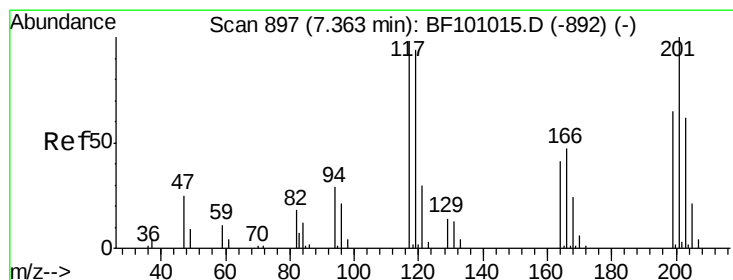


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1



Sohil

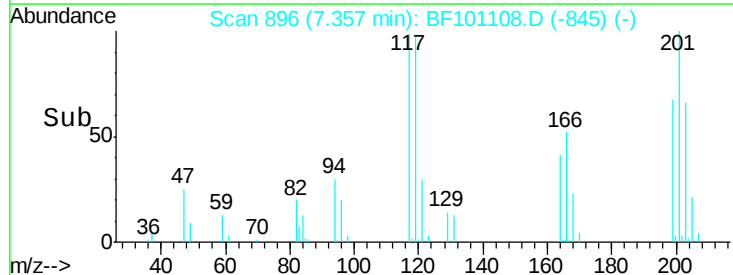
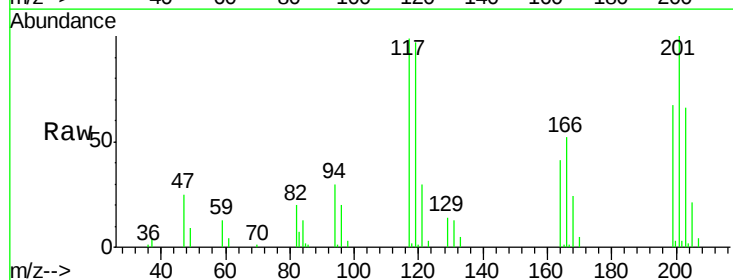
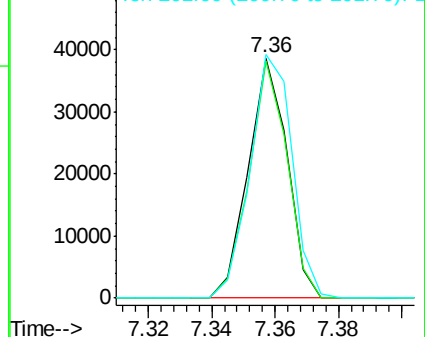
12/5/2017 3:24:46 PM

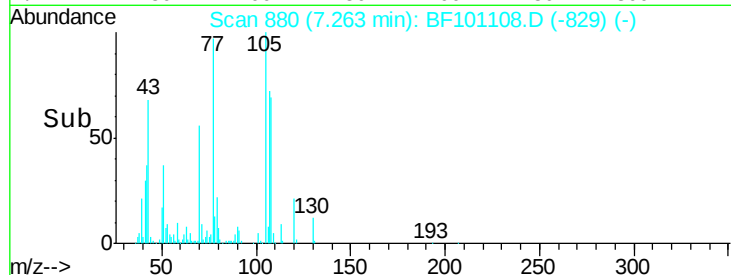
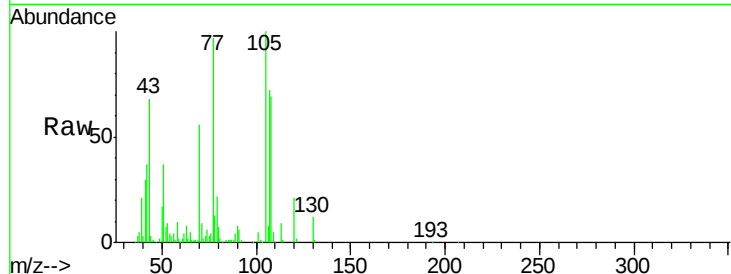
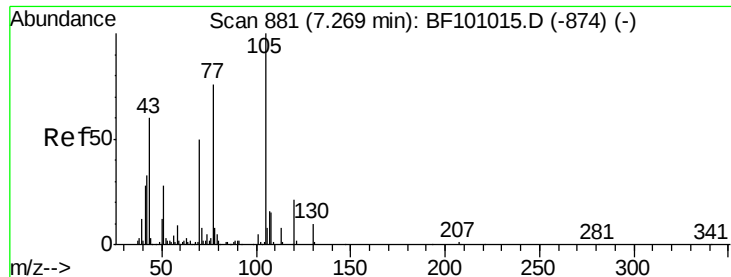


#18
Hexachloroethane
Concen: 24.22 ng
RT: 7.36 min Scan# 896
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion:	117	Resp:	32908
Ion Ratio	Lower	Upper	
117	100		
119	98.8	75.8	113.8
201	101.5	75.7	113.5

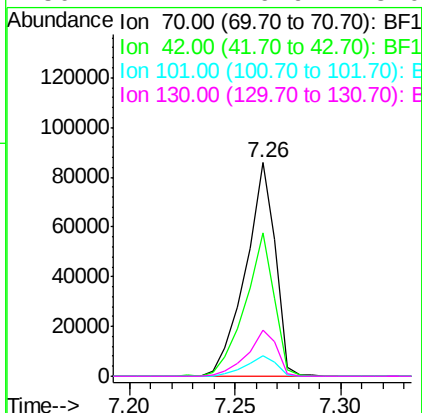
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 31.98 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	67.4	47.5	71.3	
101	9.7	7.4	11.2	
130	21.7	16.6	25.0	

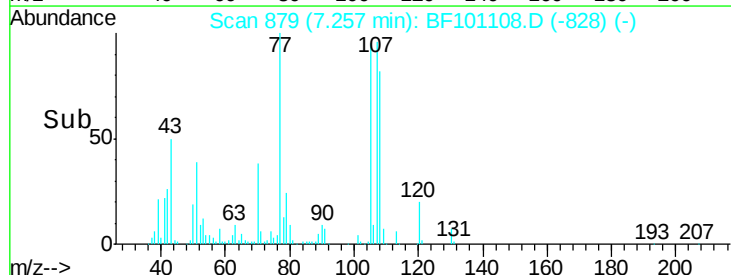
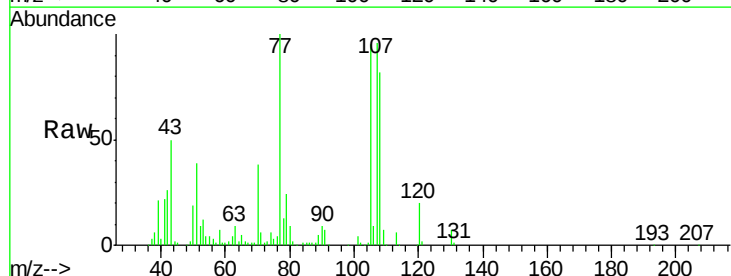
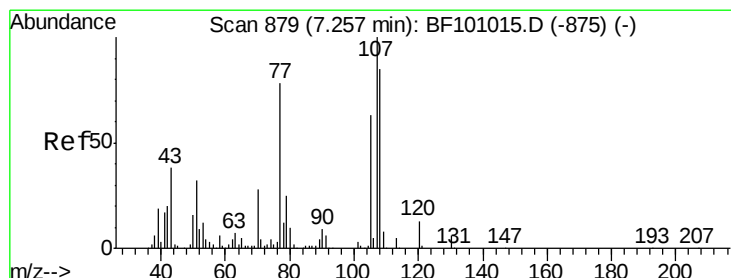


Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

Manual Integrations
APPROVED

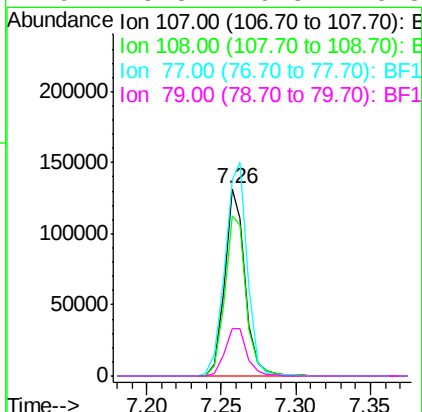
Sohil

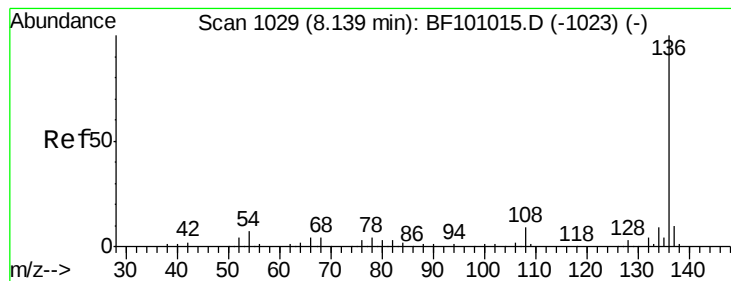
12/5/2017 3:24:46 PM



#20
3+4-Methylphenols
Concen: 34.40 ng
RT: 7.26 min Scan# 879
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.3	68.2	108.2	
77	104.2	26.7	66.7#	
79	25.3	6.3	46.3	



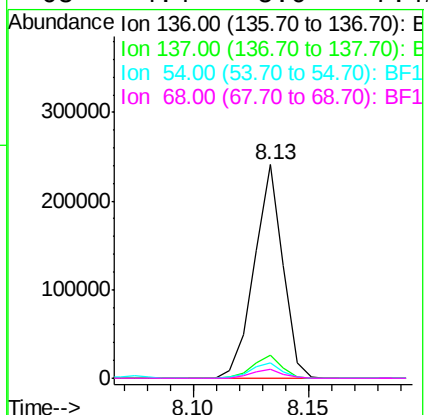
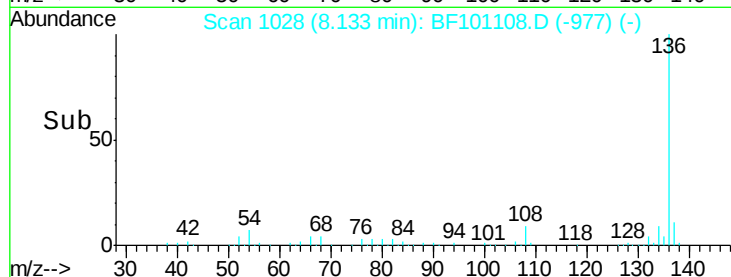
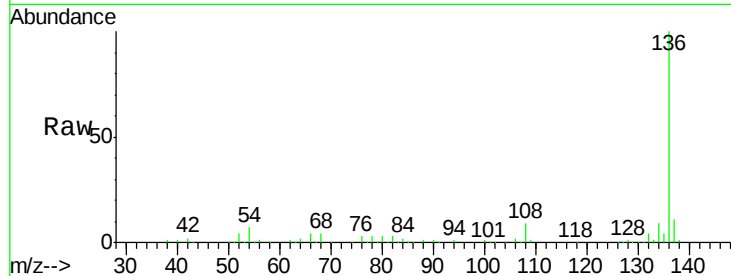


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

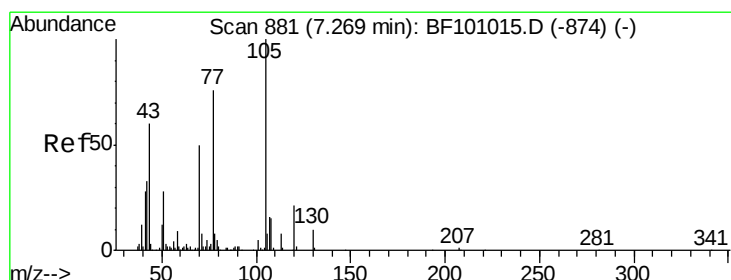
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		208045		
137	11.0		8.9	13.3	
54	7.5		6.6	9.8	
68	4.4		5.0	7.4	

Manual Integrations
APPROVED



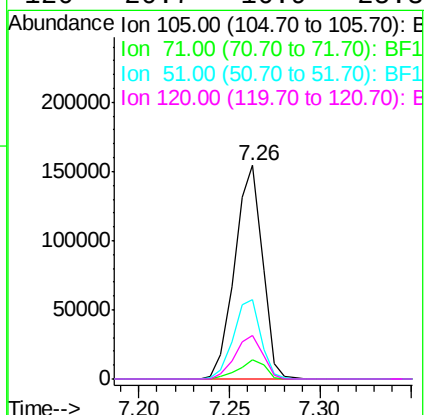
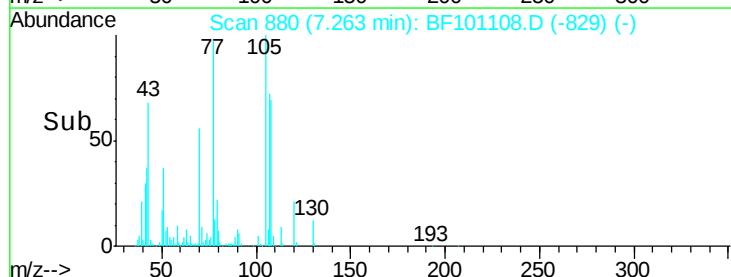
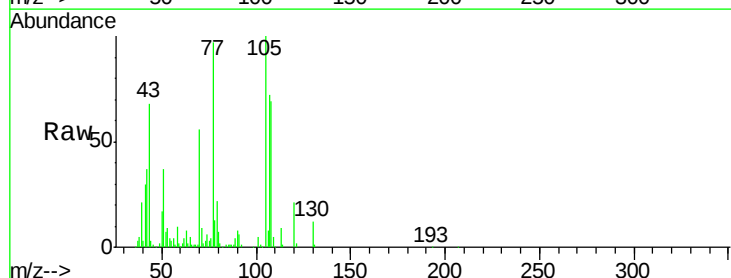
Sohil

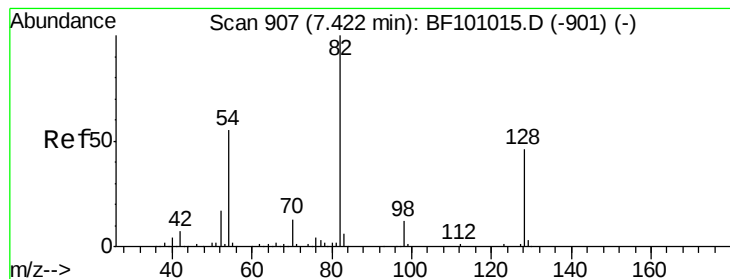
12/5/2017 3:24:46 PM



#22
Acetophenone
Concen: 32.56 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		163665		
71	9.0		4.4	6.6	
51	36.9		22.3	33.5	
120	20.7		16.9	25.3	





#23

Nitrobenzene-d5

Concen: 65.75 ng

RT: 7.42 min Scan# 906

Delta R.T. 0.00 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Instrument :

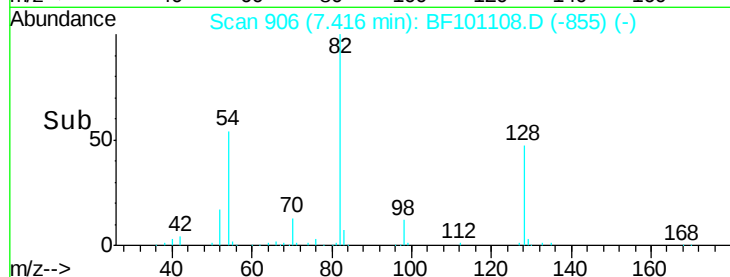
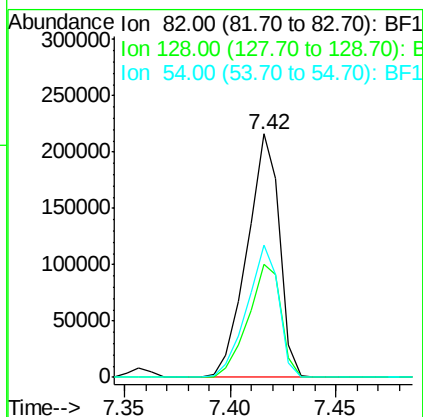
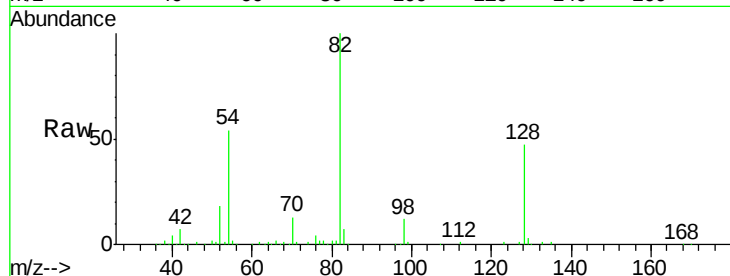
BNA_F

ClientSampleId :

BSC-SB-04MS

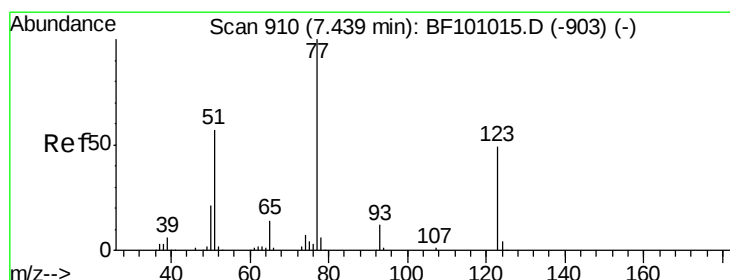
Tot Ion:	82	Resp:	229325
Ion	Ratio	Lower	Upper
82	100		
128	46.6	36.1	54.1
54	54.3	41.4	62.2

Manual Integrations
APPROVED



Sohil

12/5/2017 3:24:46 PM



#24

Nitrobenzene

Concen: 36.14 ng

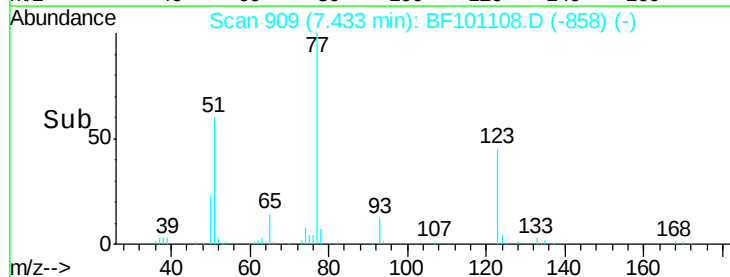
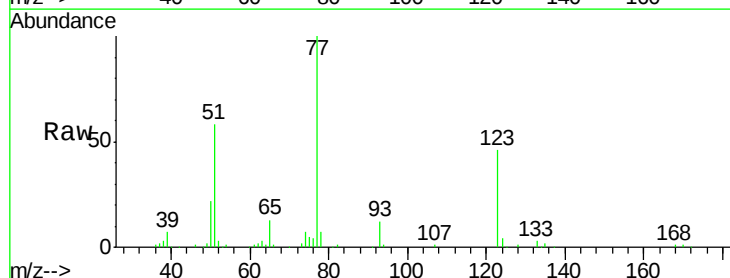
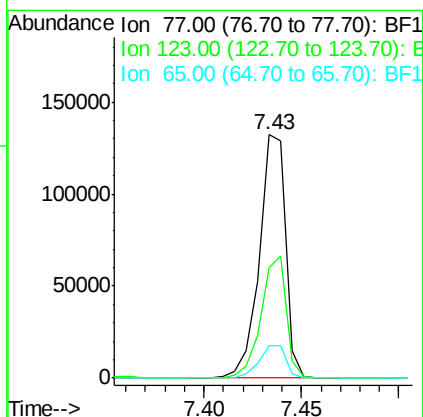
RT: 7.43 min Scan# 909

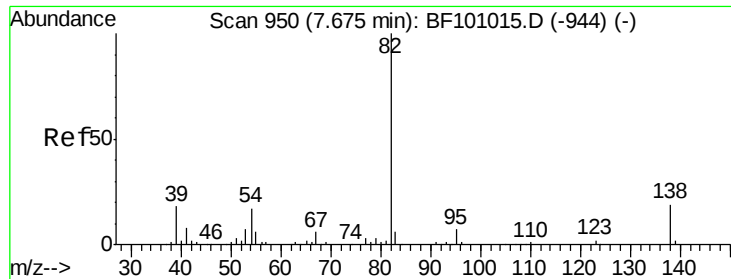
Delta R.T. 0.00 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Tgt Ion:	77	Resp:	123538
Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.9	56.9
65	13.3	11.0	16.4





#25

Isophorone

Concen: 37.38 ng

RT: 7.67 min Scan# 950

Delta R.T. 0.00 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Instrument :

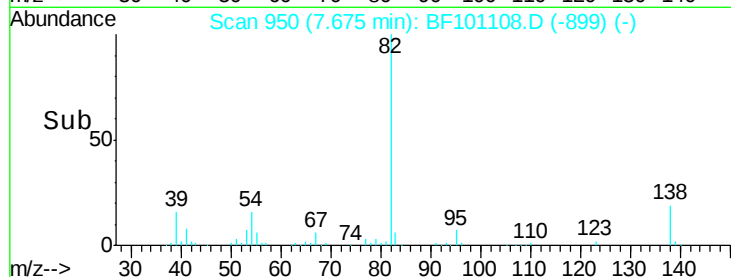
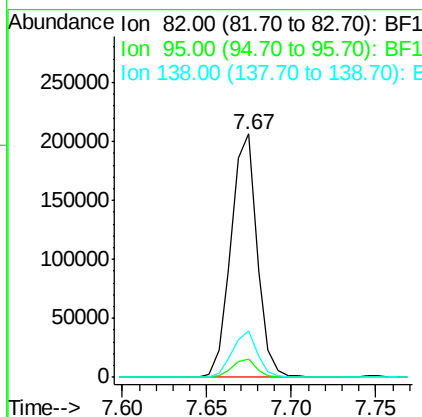
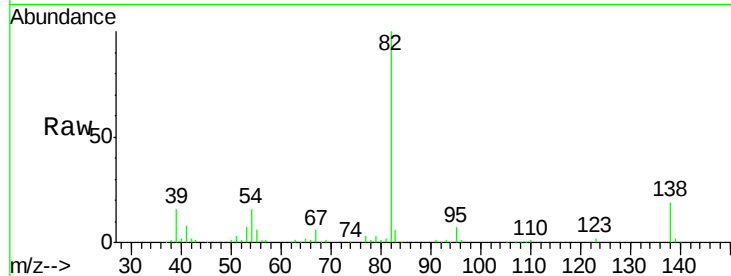
BNA_F

ClientSampleId :

BSC-SB-04MS

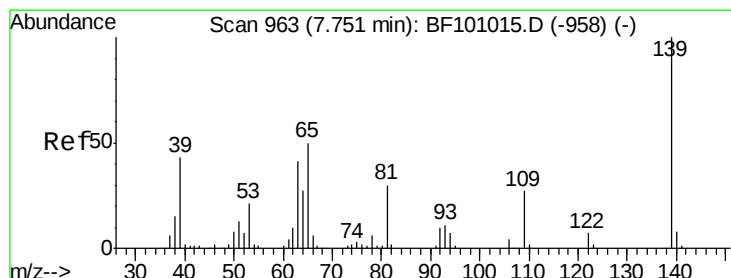
Tot Ion:	82	Resp:	222655
Ion Ratio	Lower	Upper	
82	100		
95	7.3	5.2	7.8
138	19.3	14.9	22.3

Manual Integrations
APPROVED



Sohil

12/5/2017 3:24:46 PM



#26

2-Nitrophenol

Concen: 29.90 ng

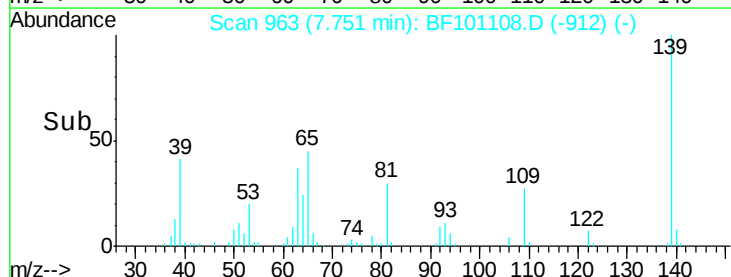
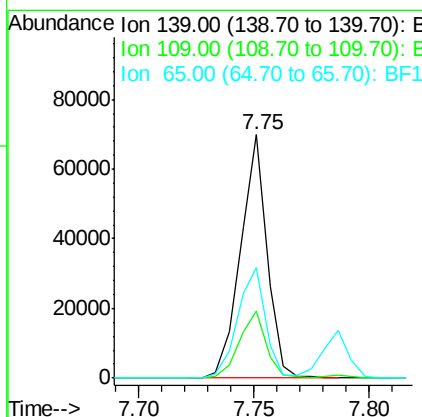
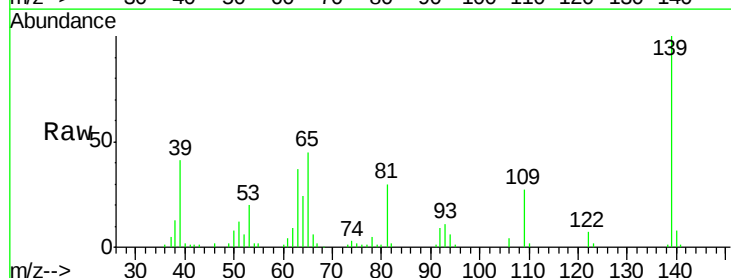
RT: 7.75 min Scan# 963

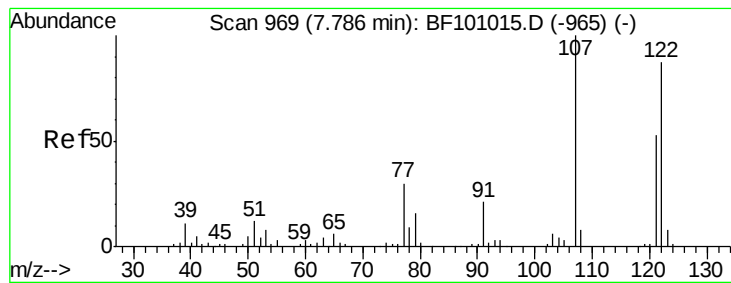
Delta R.T. 0.00 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Tgt Ion:	139	Resp:	56094
Ion Ratio	Lower	Upper	
139	100		
109	27.2	22.7	34.1
65	45.5	40.5	60.7



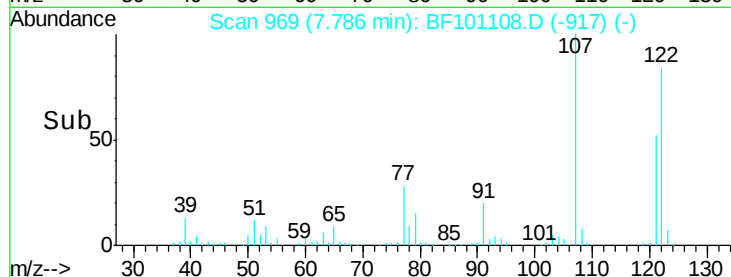
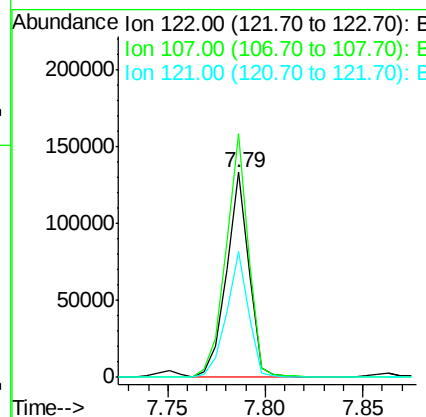
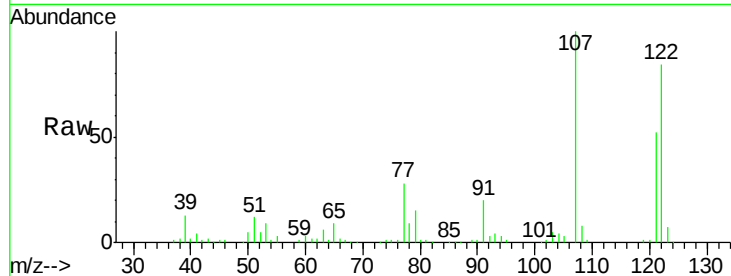


#27
 2,4-Dimethylphenol
 Concen: 39.30 ng
 RT: 7.79 min Scan# 969
 Delta R.T. 0.01 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

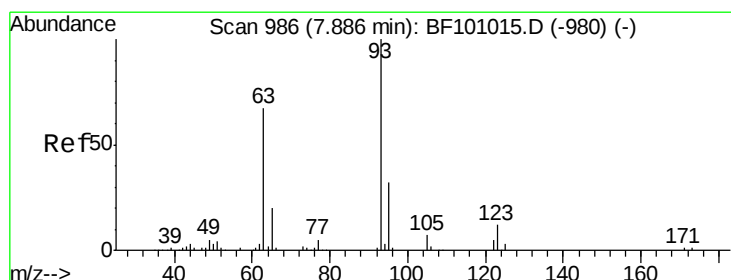
Tot Ion	Ratio	Resp	Lower	Upper
122	100	106661		
107	118.9	91.2	136.8	
121	61.7	47.2	70.8	

Manual Integrations
 APPROVED



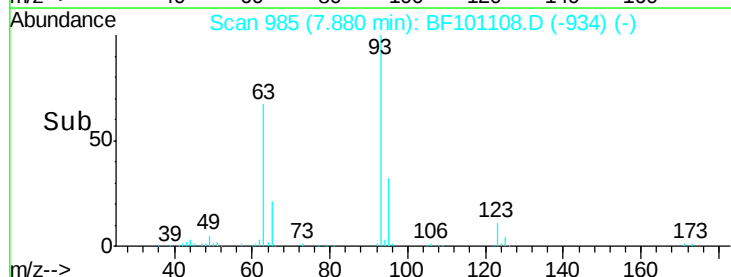
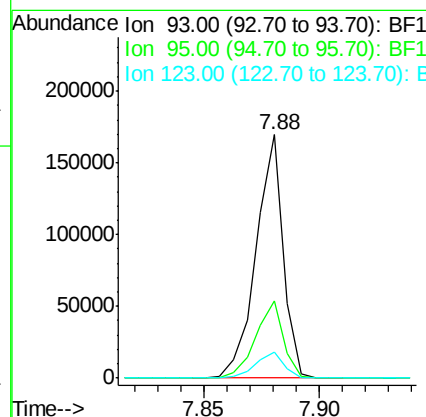
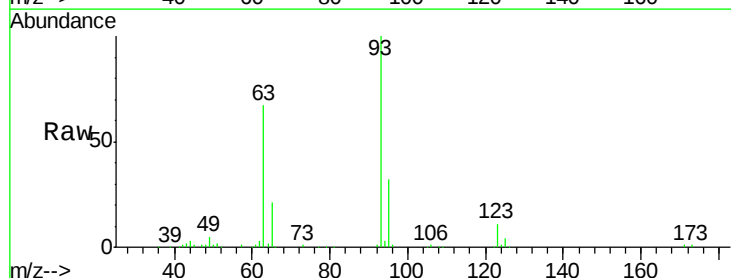
Sohil

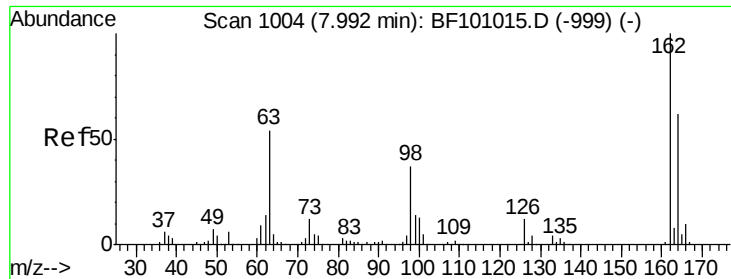
12/5/2017 3:24:46 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 34.85 ng
 RT: 7.88 min Scan# 985
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	139542		
95	31.7	26.3	39.5	
123	10.9	9.8	14.6	



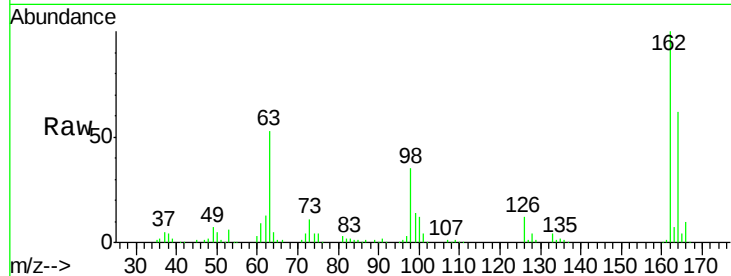


#29
2,4-Dichlorophenol
Concen: 36.30 ng
RT: 7.99 min Scan# 1004
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

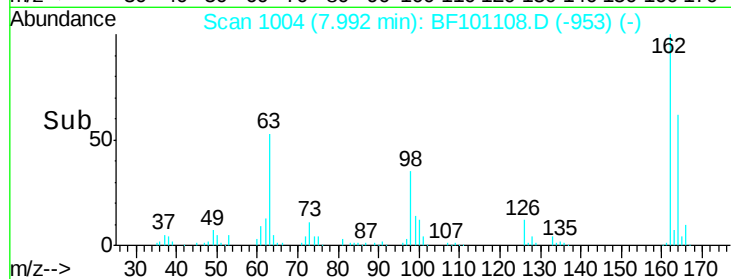
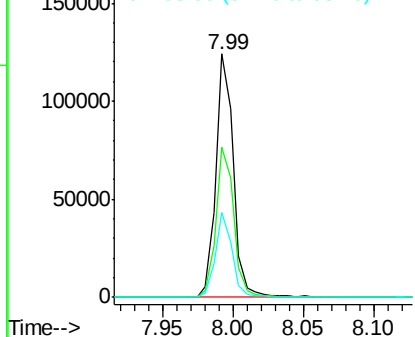
Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.6	42.7	82.7
98	35.1	18.1	58.1

Manual Integrations
APPROVED

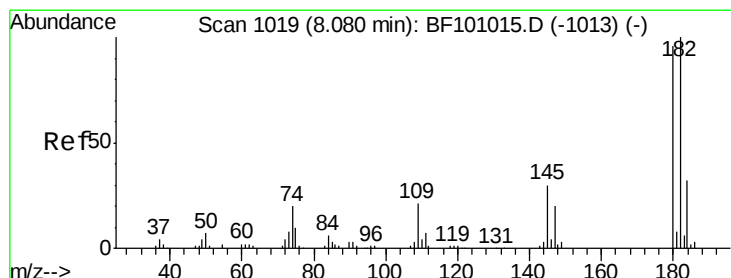


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



Sohil

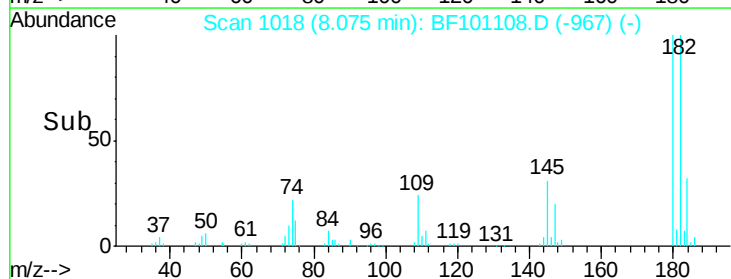
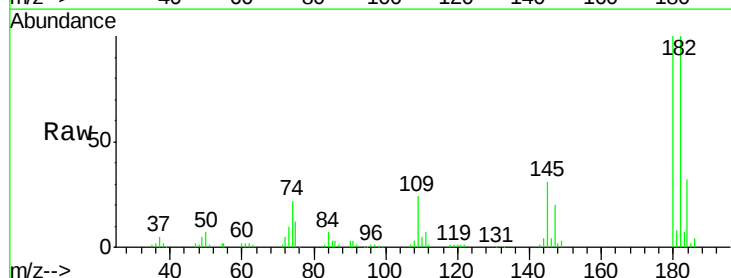
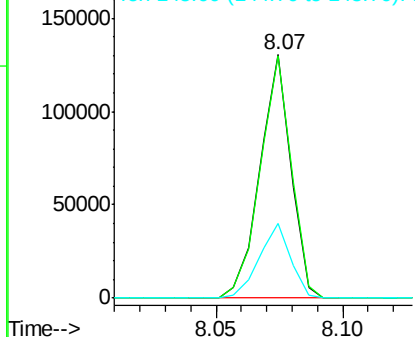
12/5/2017 3:24:46 PM

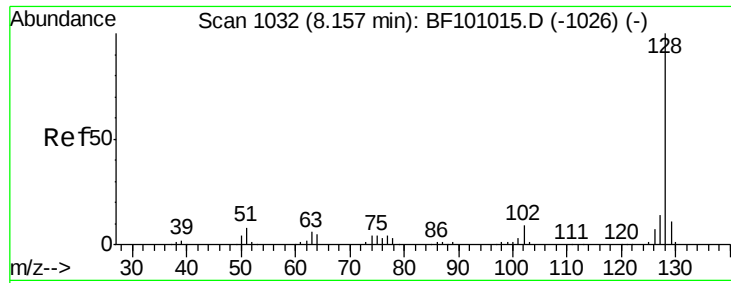


#30
1,2,4-Trichlorobenzene
Concen: 34.11 ng
RT: 8.07 min Scan# 1018
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.5	76.8	115.2
145	30.9	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



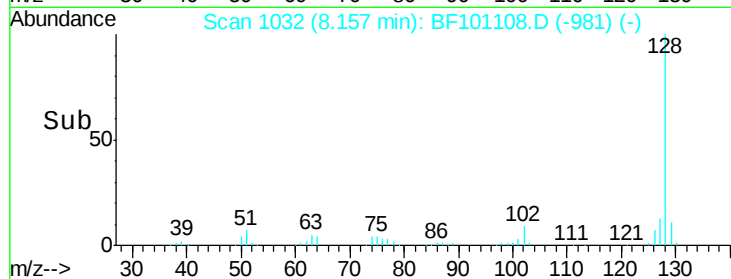
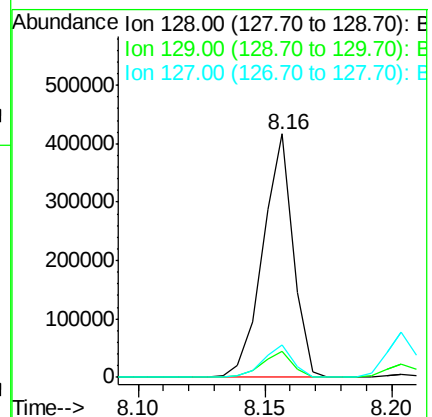
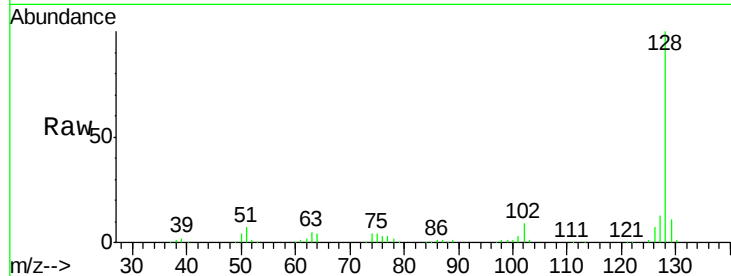


#31
Naphthalene
Concen: 33.73 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Instrument :
BNA_F
ClientSampled :
BSC-SB-04MS

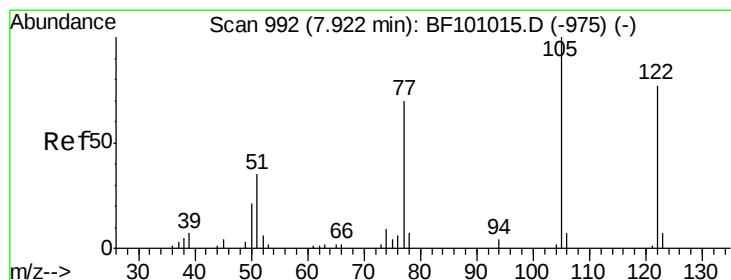
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.5	10.9	16.3

Manual Integrations
APPROVED



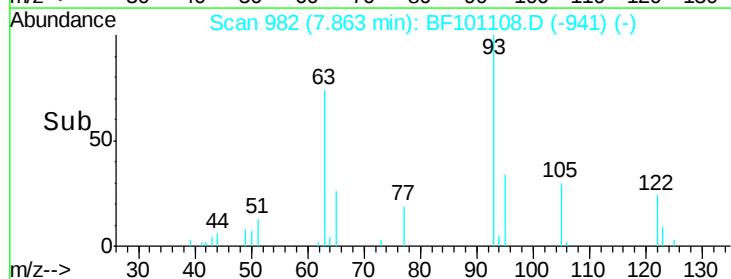
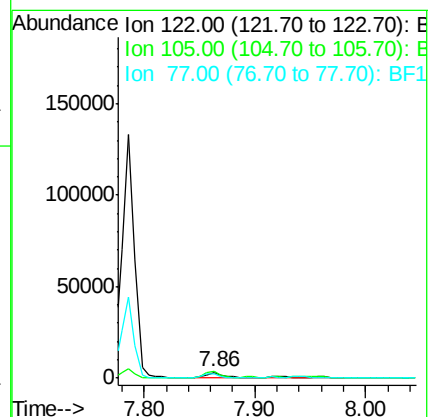
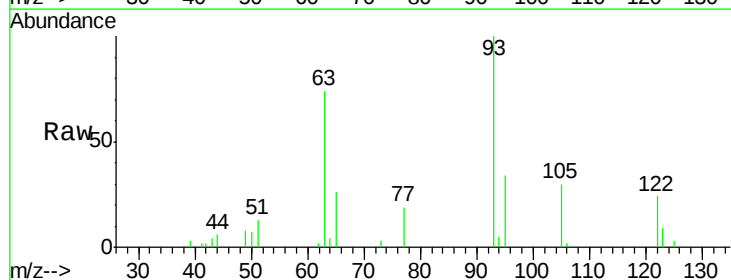
Sohil

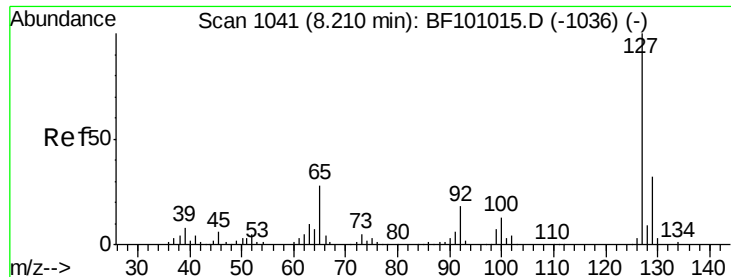
12/5/2017 3:24:46 PM



#32
Benzoic acid
Concen: 2.87 ng m
RT: 7.86 min Scan# 982
Delta R.T. -0.06 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.0	101.1	141.1
77	80.4	70.7	110.7



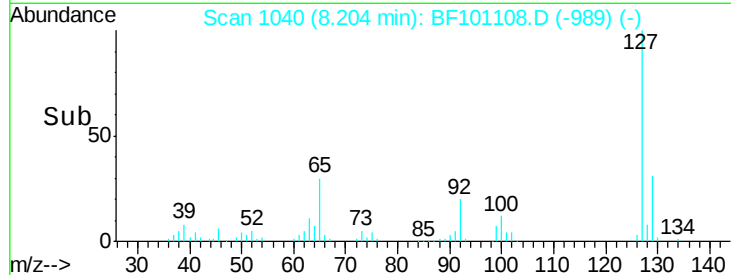
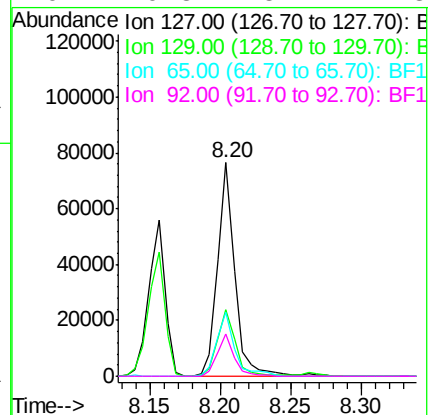
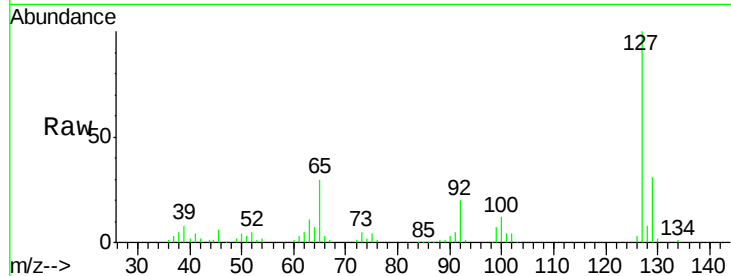


#33
 4-Chloroaniline
 Concen: 15.92 ng
 RT: 8.20 min Scan# 1040
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Instrument :
 BNA_F
 ClientSampleID :
 BSC-SB-04MS

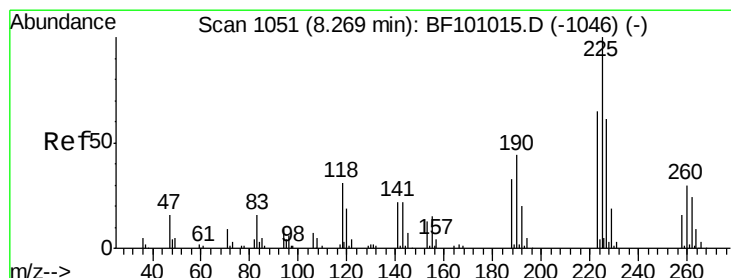
Tot Ion	Ratio	Lower	Upper
127	100		
129	31.0	25.9	38.9
65	29.8	25.0	37.4
92	19.8	15.2	22.8

Manual Integrations
 APPROVED



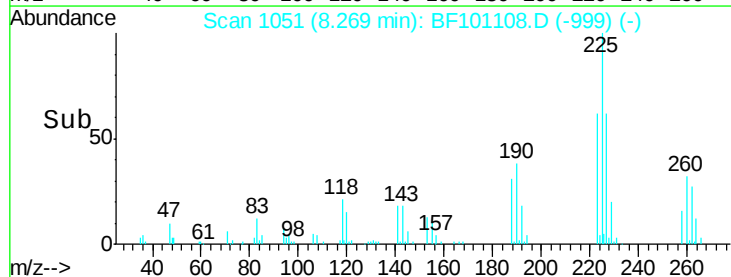
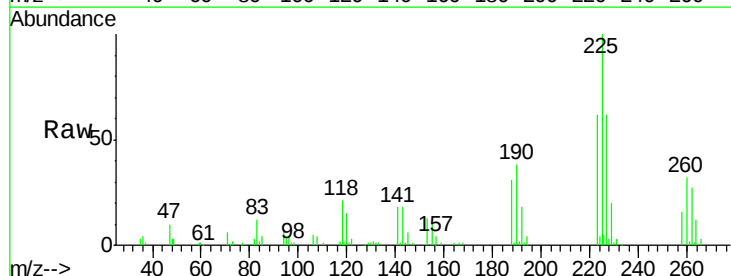
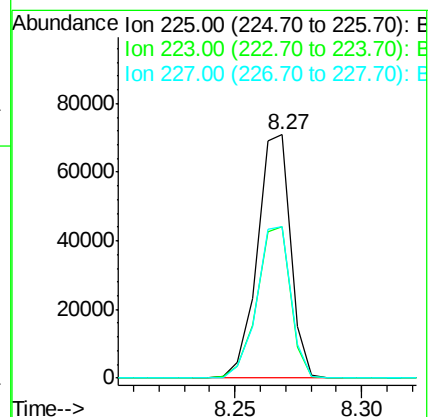
Sohil

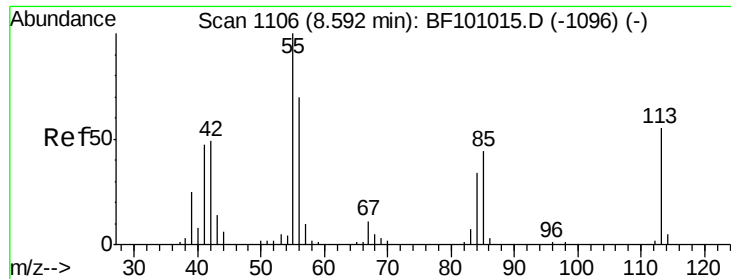
12/5/2017 3:24:46 PM



#34
 Hexachlorobutadiene
 Concen: 32.62 ng
 RT: 8.27 min Scan# 1051
 Delta R.T. 0.01 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	50.6	76.0
227	61.9	51.9	77.9





#35

Caprolactam

Concen: 31.82 ng/mL

RT: 8.57 min Scan# 1103

Delta R.T. -0.01 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Instrument :

BNA_F

ClientSampleID :

BSC-SB-04MS

Tot Ion:113 Resp: 29298

Ion Ratio Lower Upper

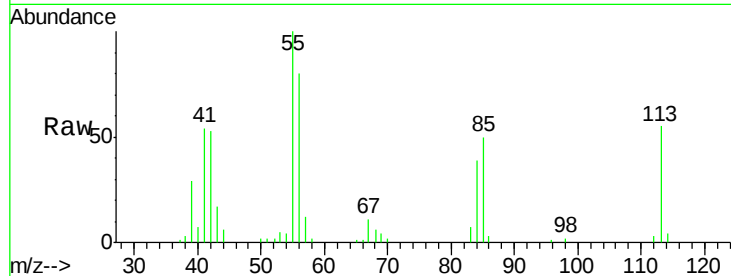
113 100

55 181.9 163.3 203.3

56 145.4 115.7 155.7

Manual Integrations

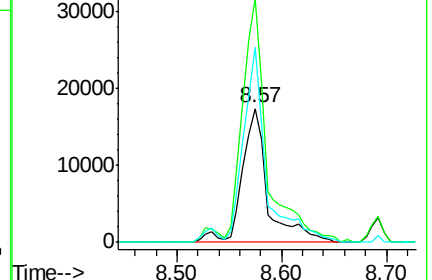
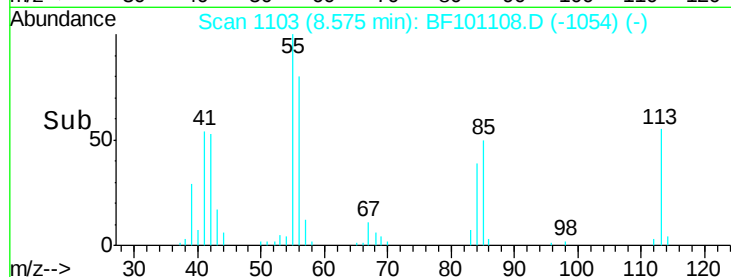
APPROVED



Abundance Ion 113.00 (112.70 to 113.70): E

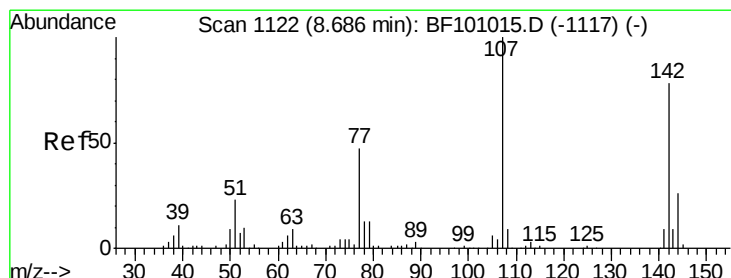
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



Sohil

12/5/2017 3:24:46 PM



#36

4-Chloro-3-methylphenol

Concen: 33.96 ng/mL

RT: 8.69 min Scan# 1123

Delta R.T. 0.01 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

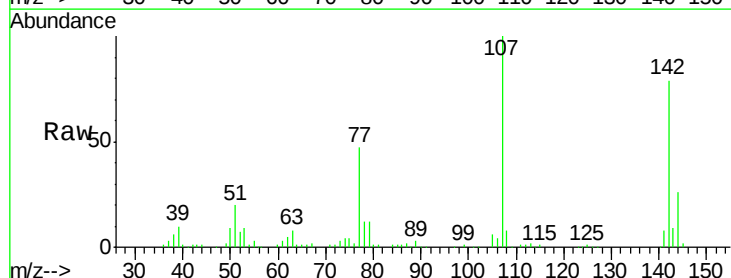
Tgt Ion:107 Resp: 103948

Ion Ratio Lower Upper

107 100

144 26.3 20.5 30.7

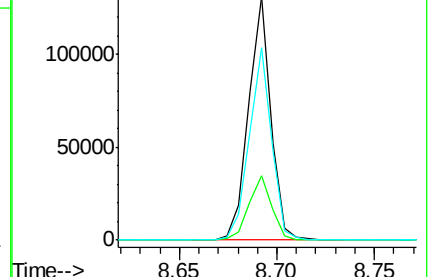
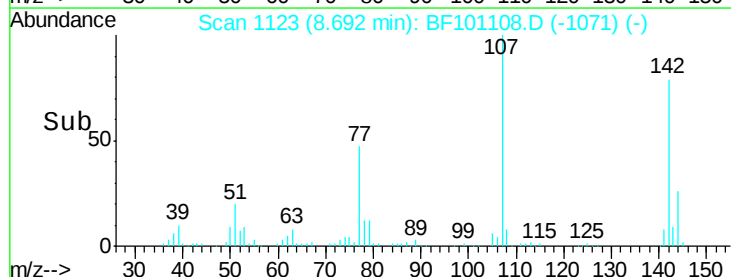
142 79.0 62.0 93.0

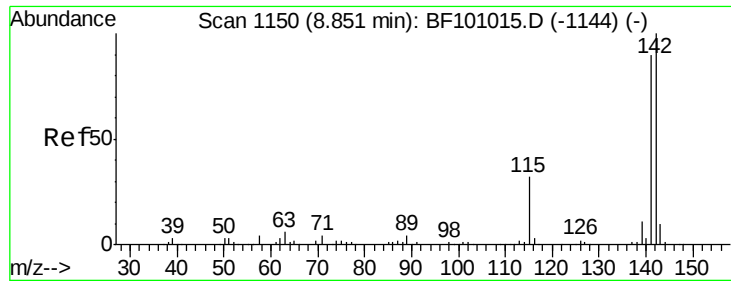


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E



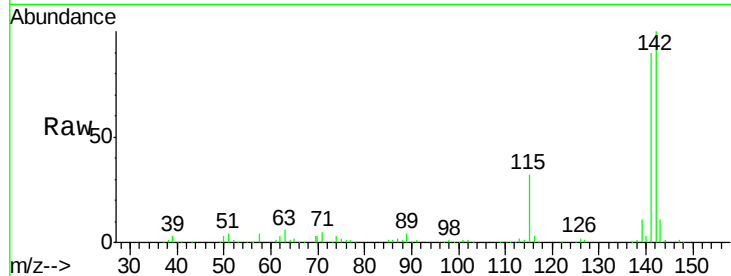


#37
2-Methylnaphthalene
Concen: 34.16 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

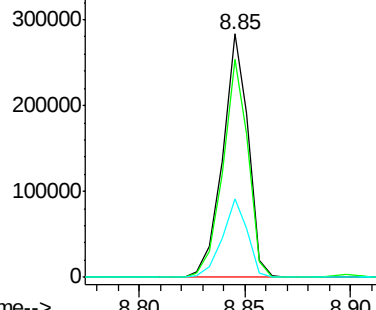
Instrument :
BNA_F
ClientSampled :
BSC-SB-04MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.7	70.8	106.2
115	32.0	26.1	39.1

Manual Integrations
APPROVED

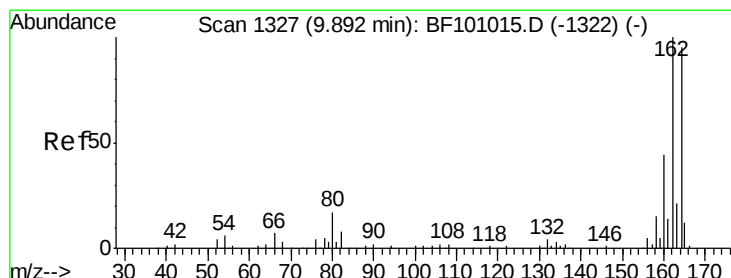
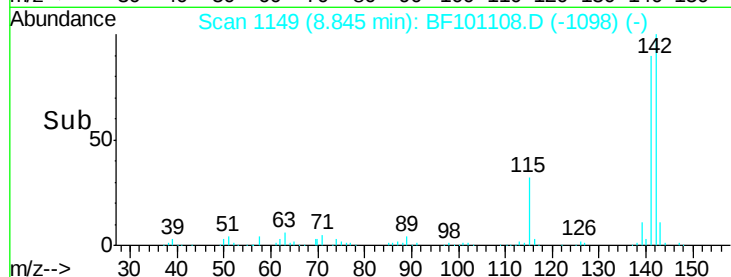


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



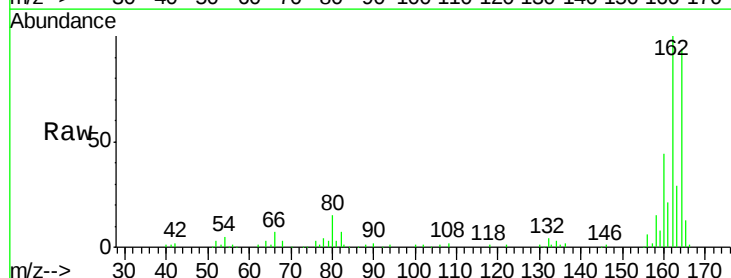
Sohil

12/5/2017 3:24:46 PM

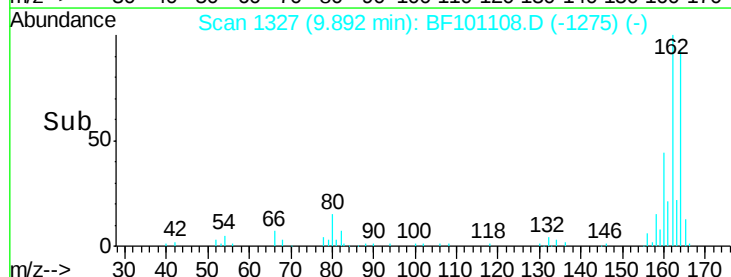
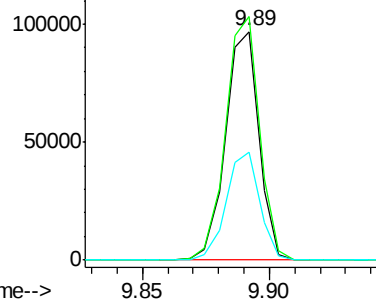


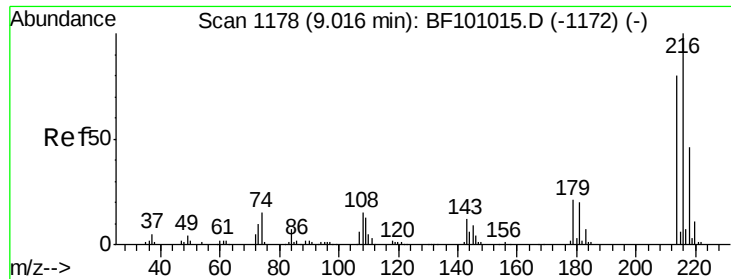
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 1327
Delta R.T. 0.01 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	86.1	129.1
160	46.9	38.3	57.5



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



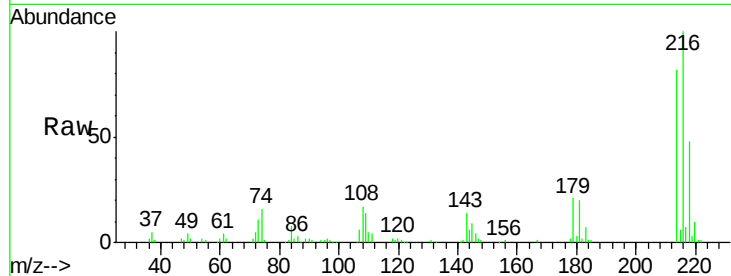


#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 32.97 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

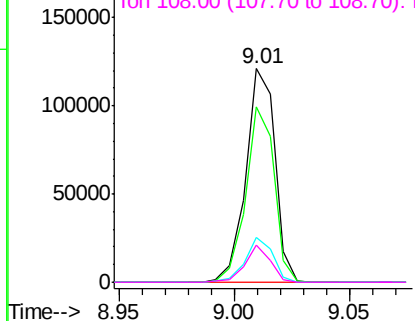
Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

Tot Ion	Ion Ratio	Resp Lower	Upper
216	100		
214	80.0	63.0	94.4
179	19.7	18.1	27.1
108	15.1	17.2	25.8

Manual Integrations
 APPROVED

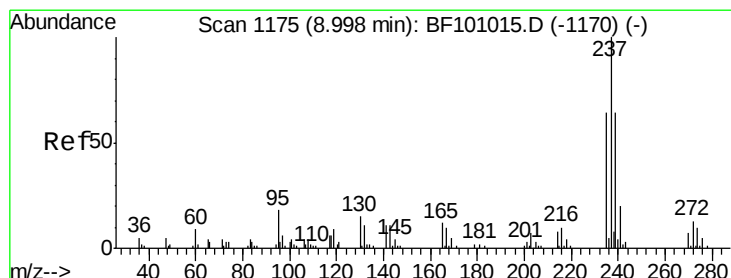
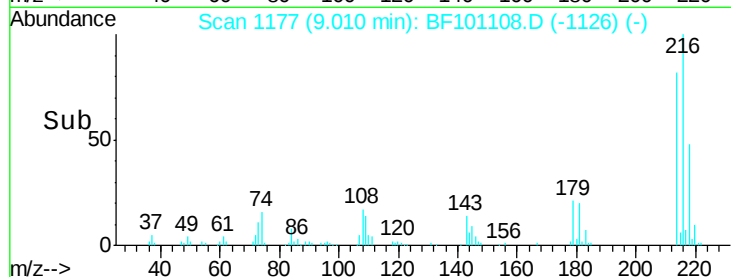


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E



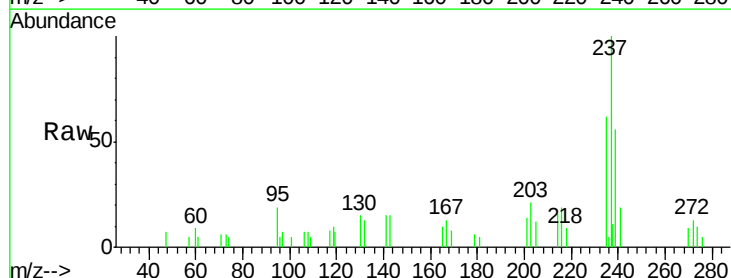
Sohil

12/5/2017 3:24:46 PM

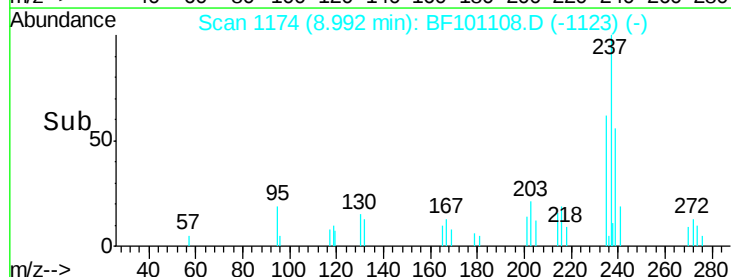
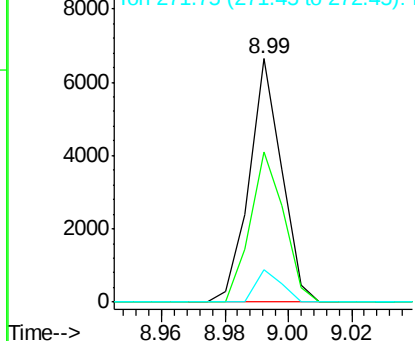


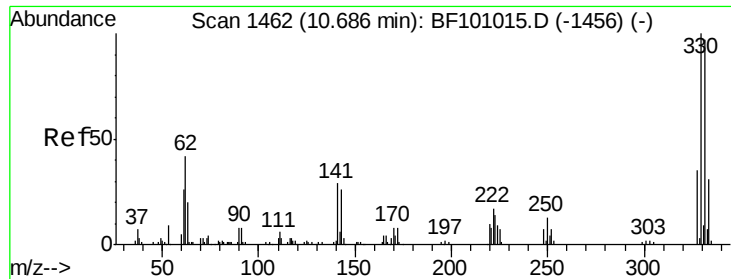
#40
 Hexachlorocyclopentadiene
 Concen: 11.76 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion	Ion Ratio	Resp Lower	Upper
237	100		
235	61.8	44.8	84.8
272	13.1	0.0	33.3



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



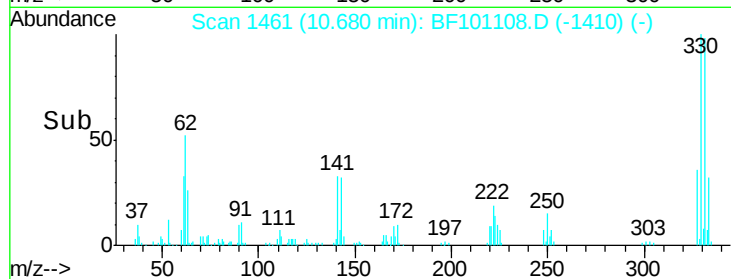
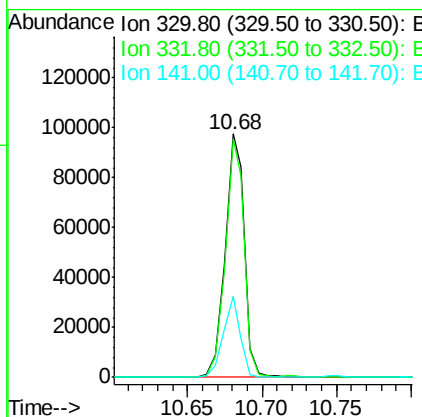
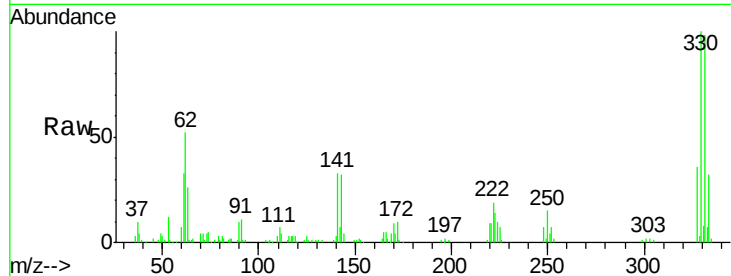


#41
 2,4,6-Tribromophenol
 Concen: 82.83 ng
 RT: 10.68 min Scan# 1461
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

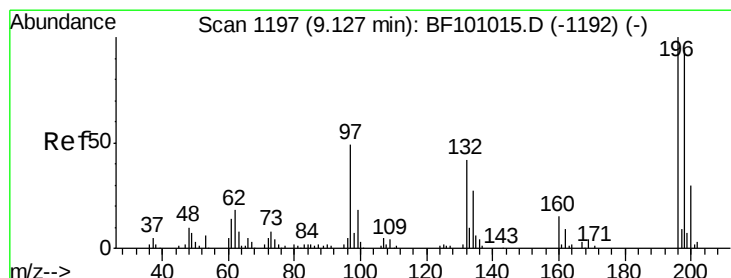
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	29.4	29.9	44.9#

Manual Integrations
 APPROVED



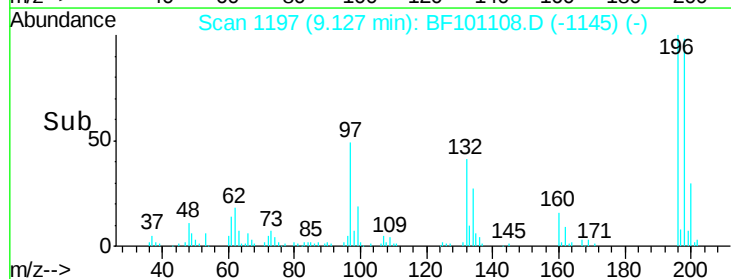
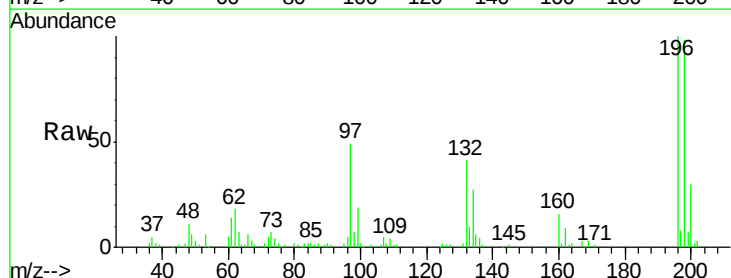
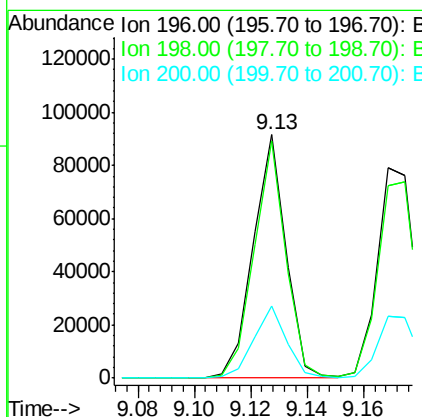
Sohil

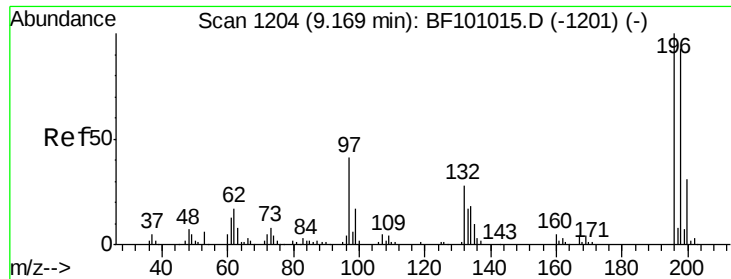
12/5/2017 3:24:46 PM



#42
 2,4,6-Trichlorophenol
 Concen: 38.78 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. 0.01 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	75.7	113.5
200	29.7	24.5	36.7



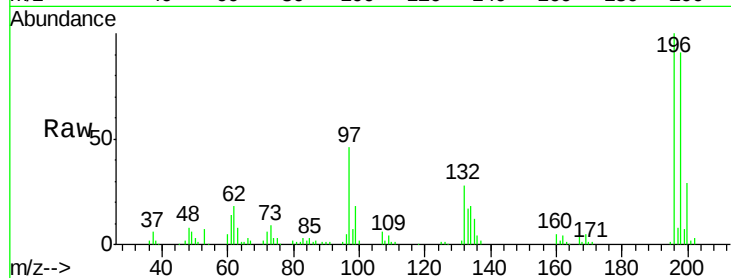


#43
 2,4,5-Trichlorophenol
 Concen: 36.93 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.01 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

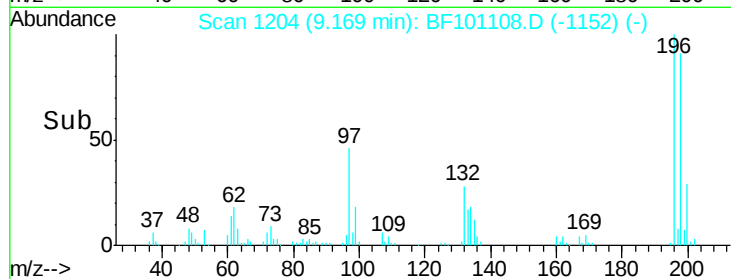
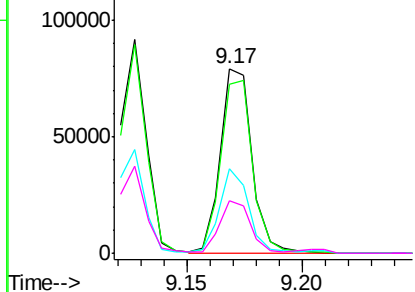
Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

Tot Ion	Ratio	Lower	Upper
196	100		
198	91.4	74.6	112.0
97	45.7	42.9	64.3
132	28.5	26.3	39.5

Manual Integrations
 APPROVED

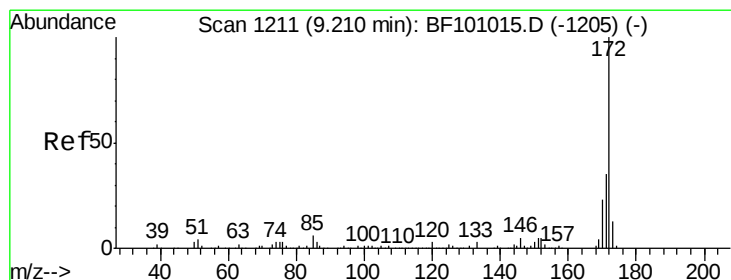


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E



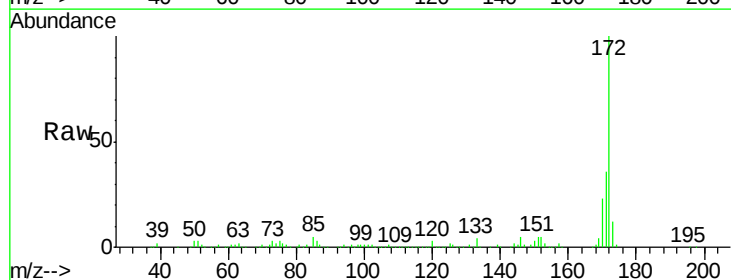
Sohil

12/5/2017 3:24:46 PM

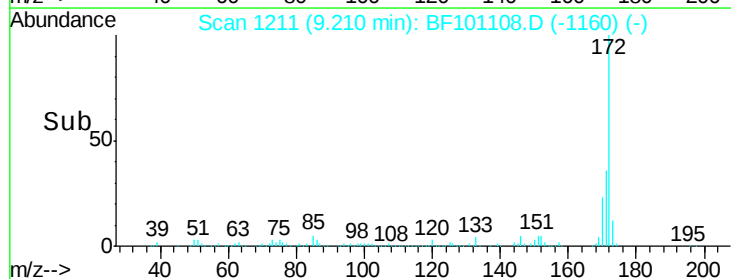
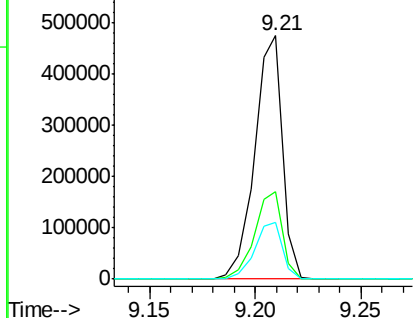


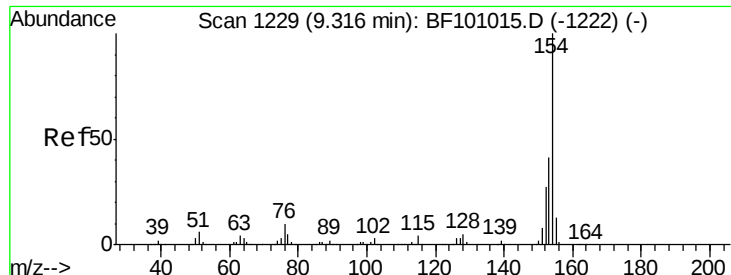
#44
 2-Fluorobiphenyl
 Concen: 66.28 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.7	44.5
170	23.5	19.6	29.4



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





#45

1,1'-Biphenyl

Concen: 33.07 ng

RT: 9.31 min Scan# 1228

Delta R.T. 0.00 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Instrument :

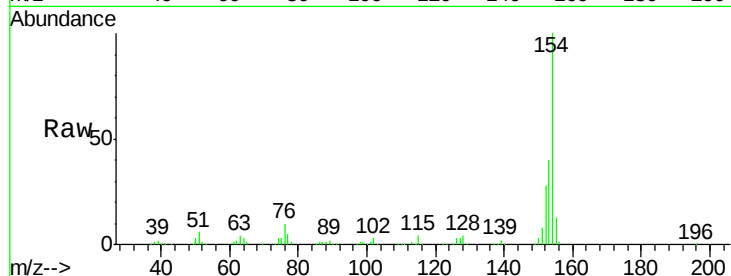
BNA_F

ClientSampleId :

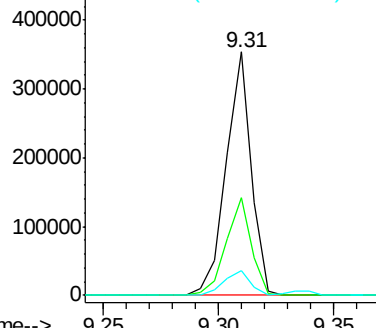
BSC-SB-04MS

Tot Ion:	154	Resp:	270830
Ion Ratio	Lower	Upper	
154	100		
153	40.3	21.3	61.3
76	10.3	0.0	34.0

Manual Integrations
APPROVED

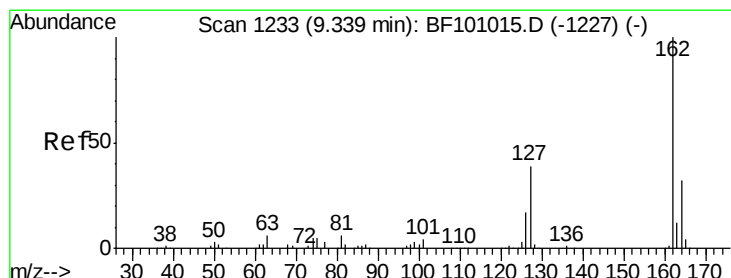
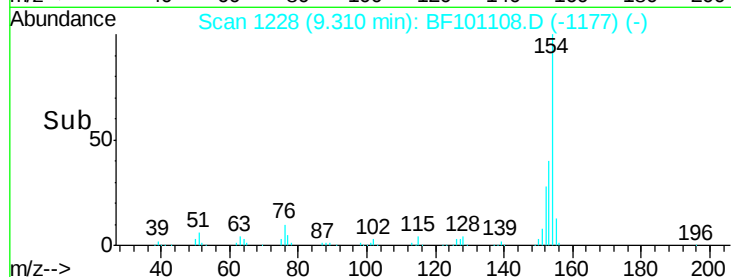


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1



Sohil

12/5/2017 3:24:46 PM



#46

2-Chloronaphthalene

Concen: 36.74 ng

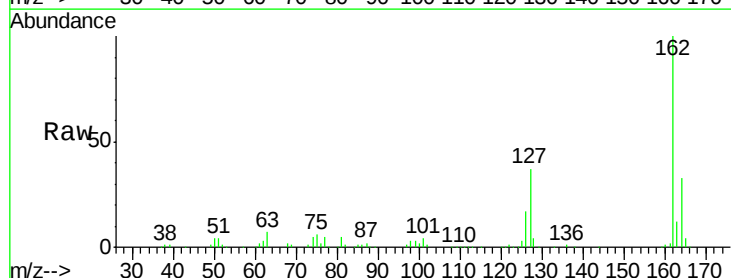
RT: 9.34 min Scan# 1233

Delta R.T. 0.01 min

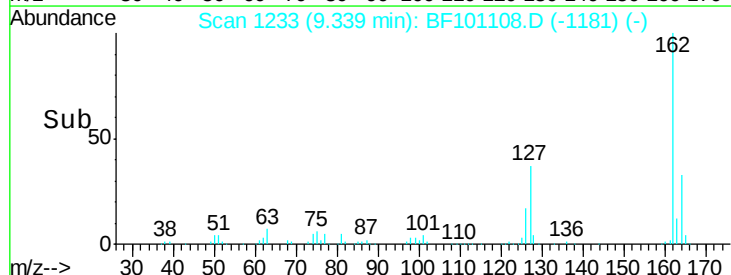
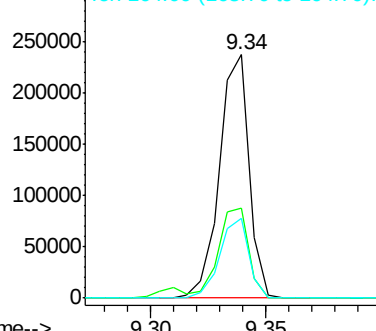
Lab File: BF101108.D

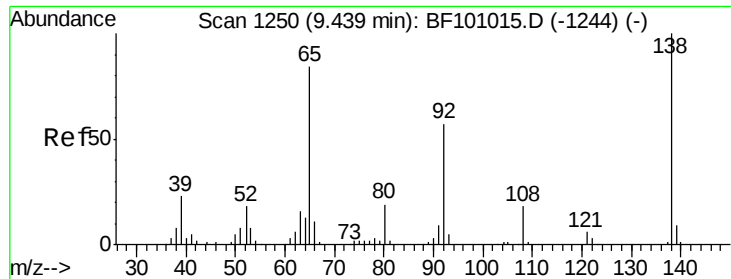
Acq: 4 Dec 2017 19:49

Tgt Ion:	162	Resp:	213713
Ion Ratio	Lower	Upper	
162	100		
127	36.9	33.9	50.9
164	33.0	26.5	39.7



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



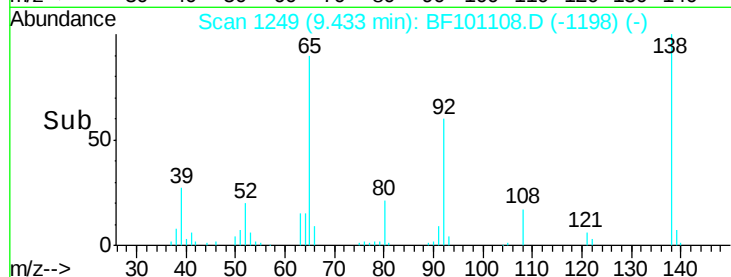
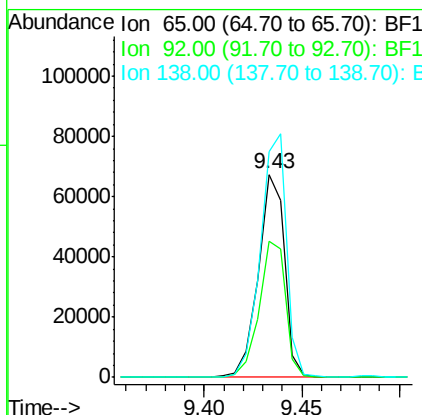
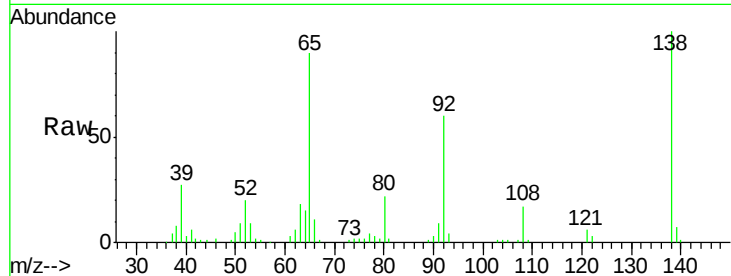


#47
2-Nitroaniline
Concen: 36.47 ng
RT: 9.43 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

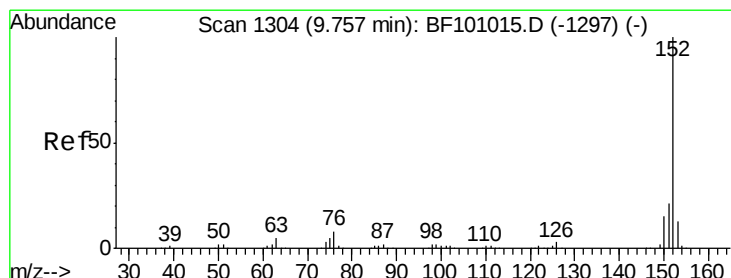
Tot Ion	Ratio	Lower	Upper
65	100		
92	67.1	55.8	83.6
138	111.2	91.2	136.8

Manual Integrations
APPROVED



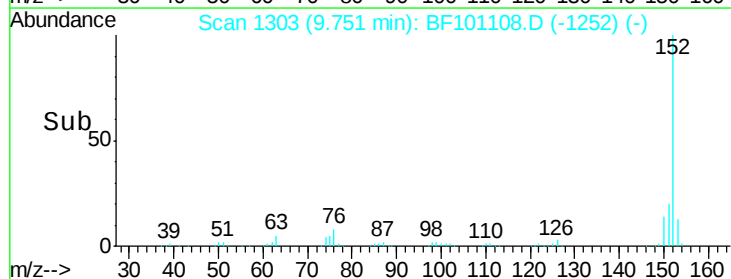
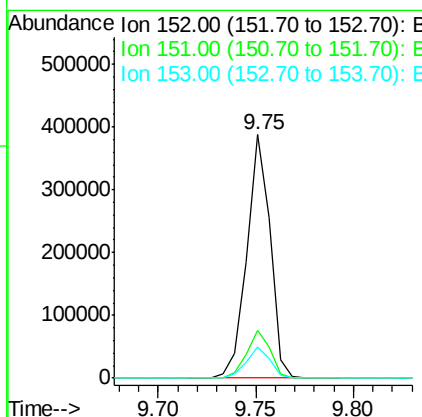
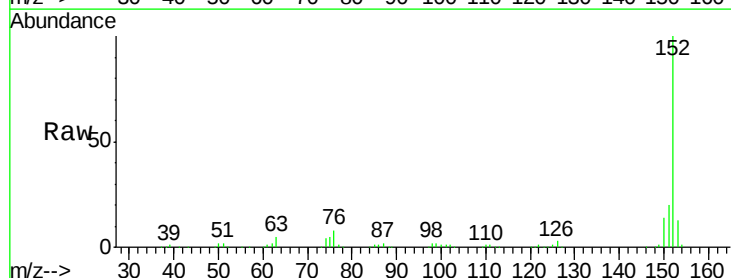
Sohil

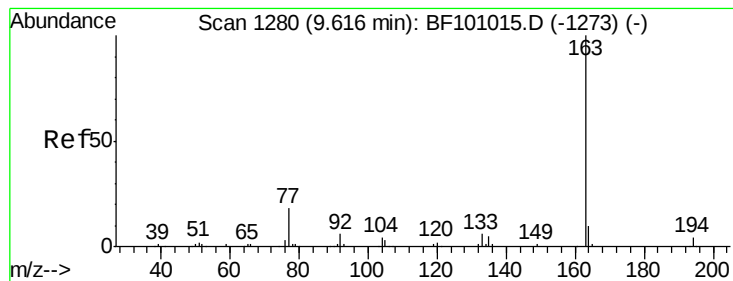
12/5/2017 3:24:46 PM



#48
Acenaphthylene
Concen: 33.54 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.3	24.5
153	12.9	10.7	16.1





#49

Dimethylphthalate

Concen: 41.18 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.00 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Instrument :

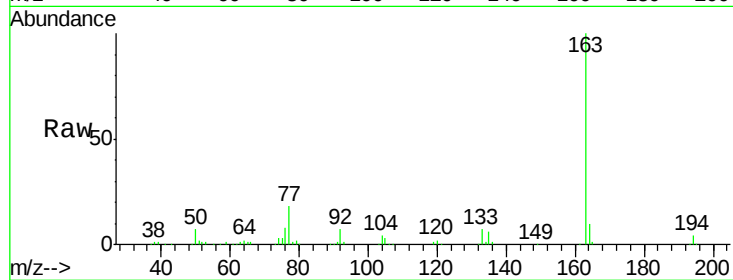
BNA_F

ClientSampleId :

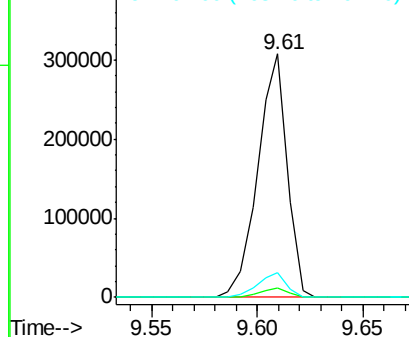
BSC-SB-04MS

Tot Ion:	163	Resp:	296860
Ion Ratio	Lower	Upper	
163	100		
194	3.7	2.7	4.1
164	10.2	8.2	12.2

Manual Integrations
APPROVED

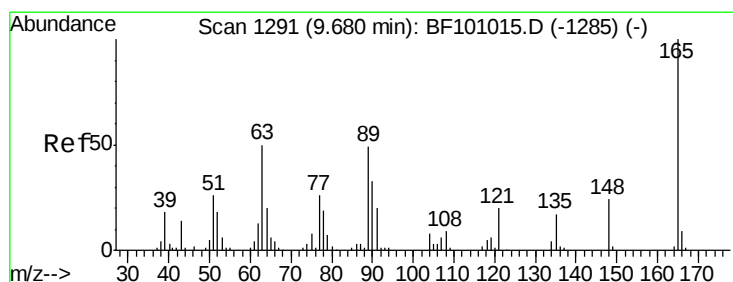
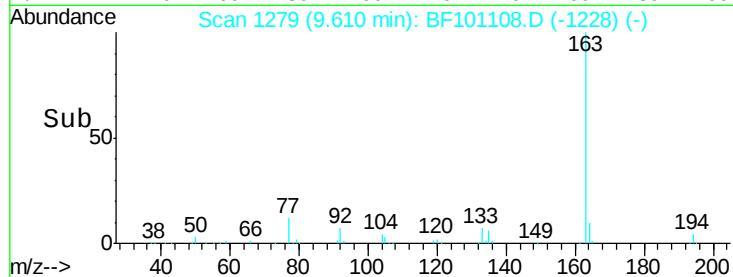


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



Sohil

12/5/2017 3:24:46 PM



#50

2,6-Dinitrotoluene

Concen: 33.26 ng

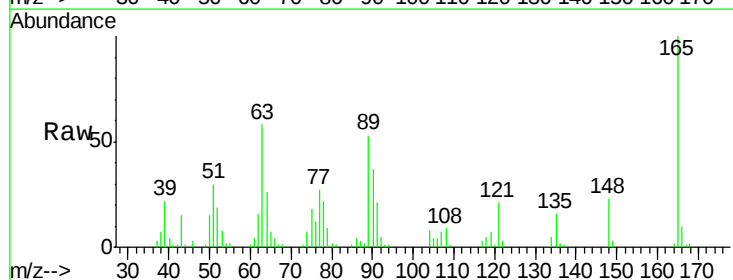
RT: 9.67 min Scan# 1290

Delta R.T. 0.00 min

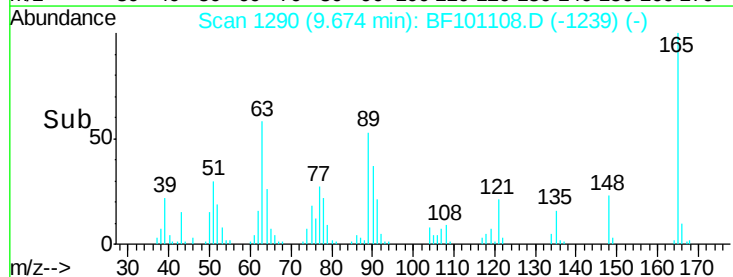
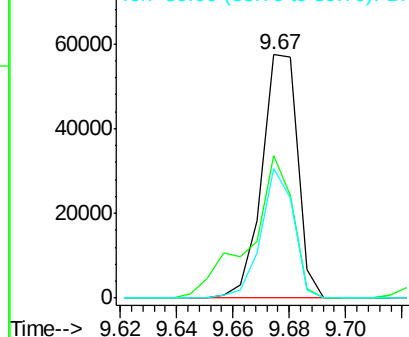
Lab File: BF101108.D

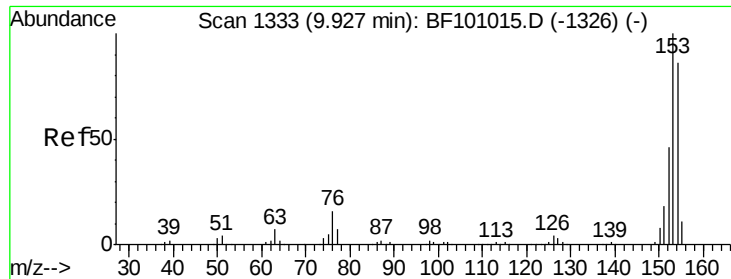
Acq: 4 Dec 2017 19:49

Tgt Ion:	165	Resp:	50510
Ion Ratio	Lower	Upper	
165	100		
63	58.5	44.7	67.1
89	53.5	44.0	66.0



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



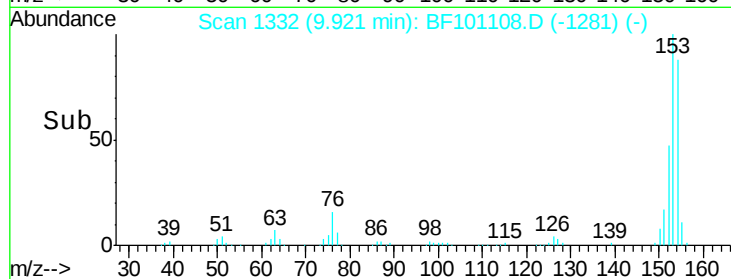
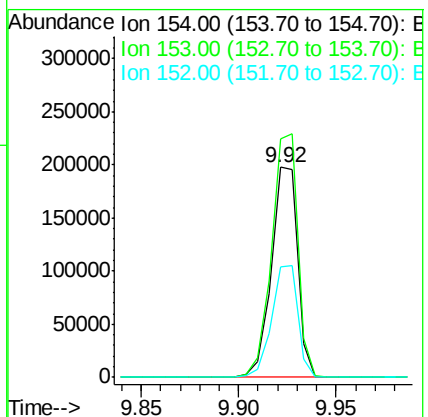
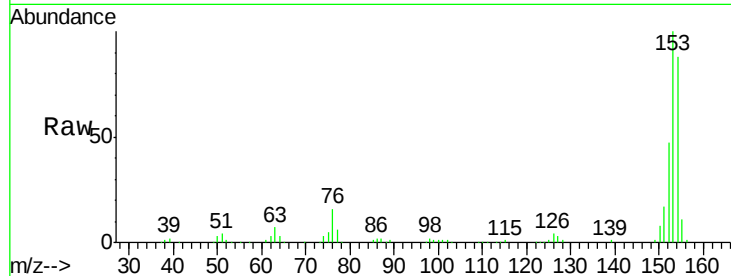


#51
Acenaphthene
Concen: 32.22 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

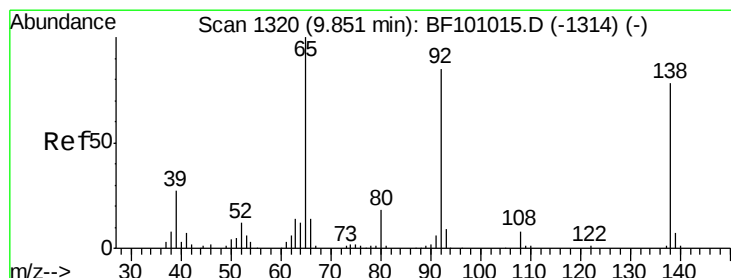
Tot Ion	Ratio	Lower	Upper
154	100		
153	113.7	91.2	136.8
152	52.9	43.8	65.8

Manual Integrations
APPROVED



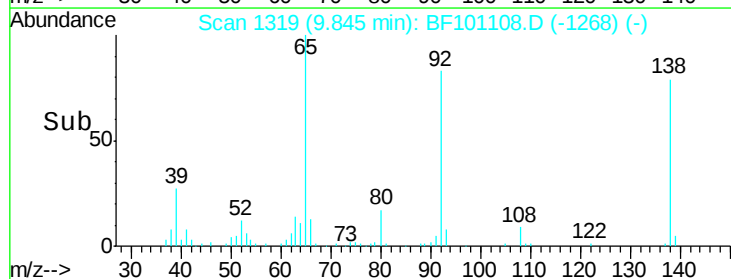
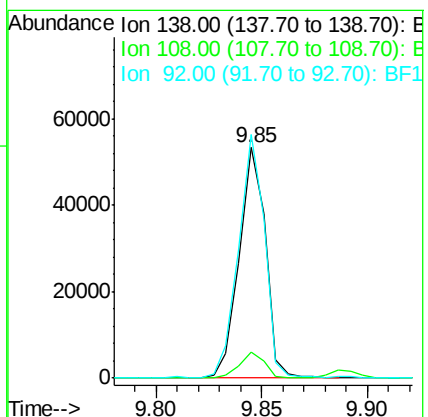
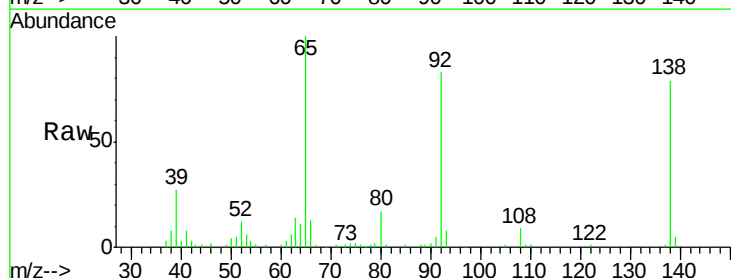
Sohil

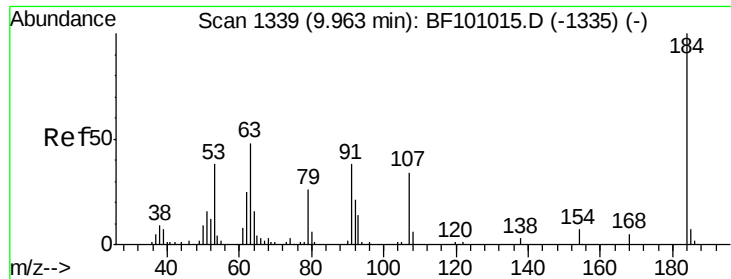
12/5/2017 3:24:46 PM



#52
3-Nitroaniline
Concen: 26.88 ng
RT: 9.85 min Scan# 1319
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.5	9.4	14.0
92	105.7	89.4	134.2



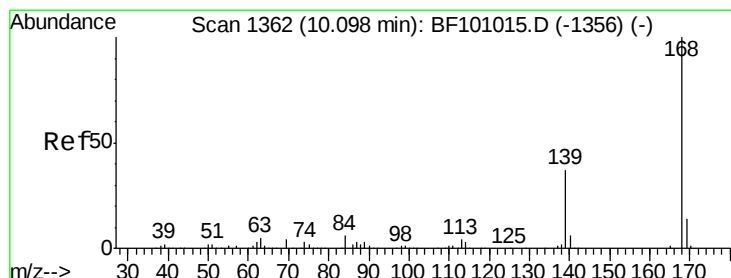
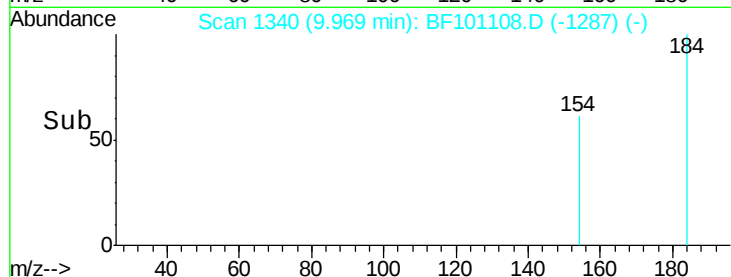
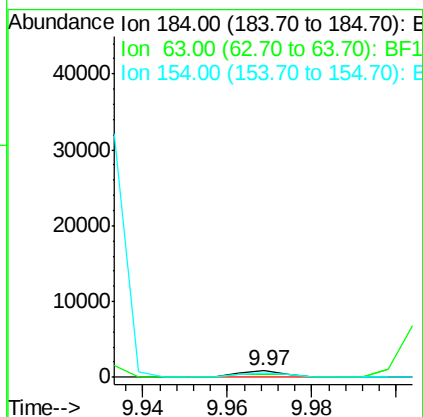
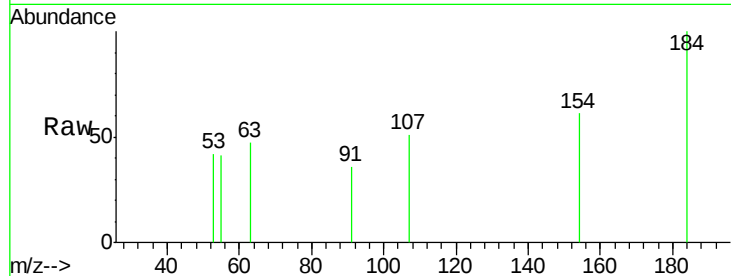


#53
 2,4-Dinitrophenol
 Concen: 5.63 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.01 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

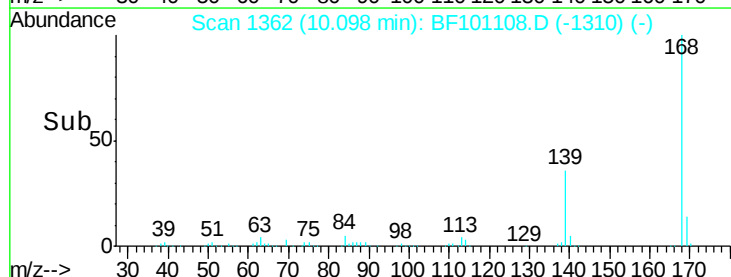
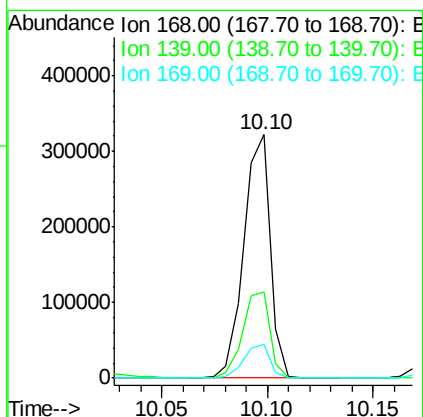
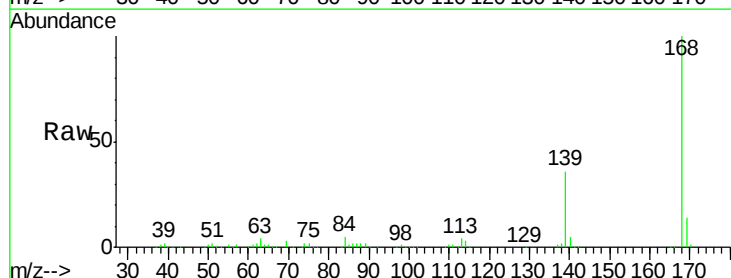
Tot Ion:184 Resp: 663
 Ion Ratio Lower Upper
 184 100
 63 47.1 54.2 81.2#
 154 61.2 184.0 276.0#

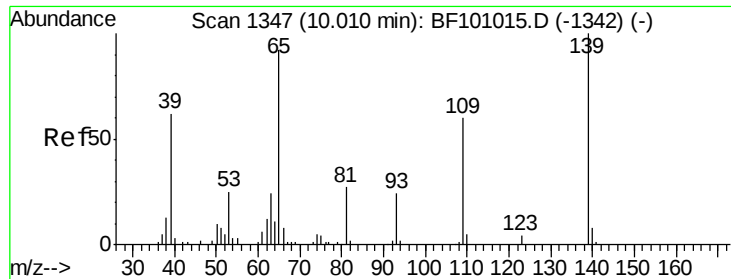
Manual Integrations
 APPROVED



#54
 Dibenzofuran
 Concen: 33.86 ng
 RT: 10.10 min Scan# 1362
 Delta R.T. 0.01 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion:168 Resp: 279280
 Ion Ratio Lower Upper
 168 100
 139 35.6 30.1 45.1
 169 14.0 10.9 16.3



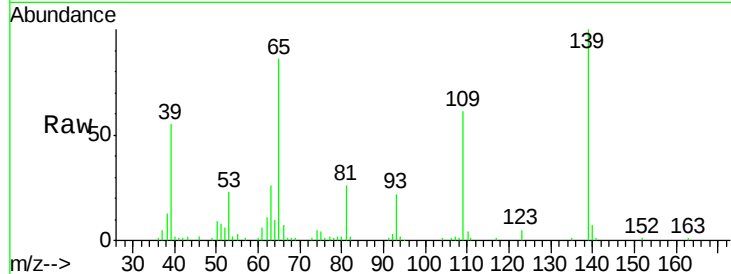


#55
4-Nitrophenol
Concen: 54.81 ng
RT: 10.02 min Scan# 1348
Delta R.T. 0.01 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

Tot Ion	Ratio	Lower	Upper
139	100		
109	60.9	48.4	88.4
65	85.8	72.6	112.6

Manual Integrations
APPROVED

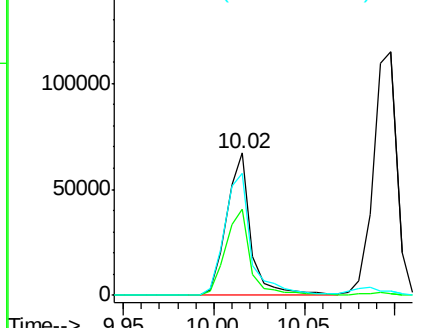


Abundance

Ion 139.00 (138.70 to 139.70): E

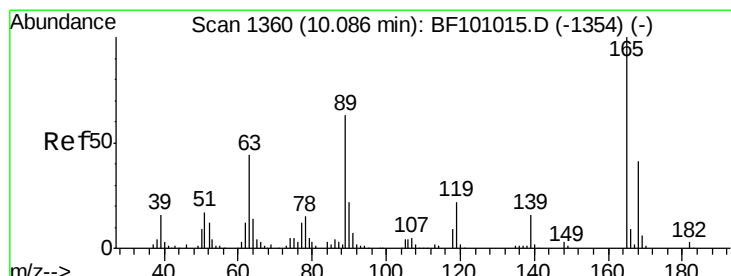
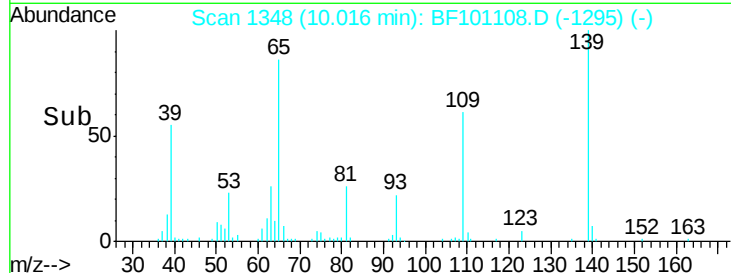
Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1



Sohil

12/5/2017 3:24:46 PM



#56
2,4-Dinitrotoluene
Concen: 31.36 ng
RT: 10.09 min Scan# 1360
Delta R.T. 0.01 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
165	100		
63	42.1	36.4	54.6
89	60.3	57.8	86.6
182	2.5	1.6	2.4#

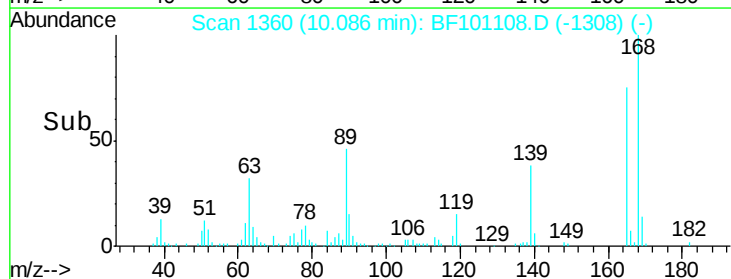
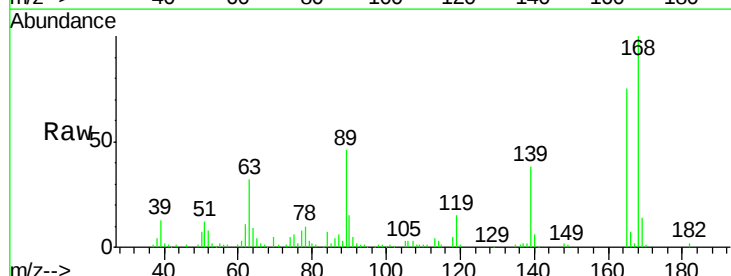
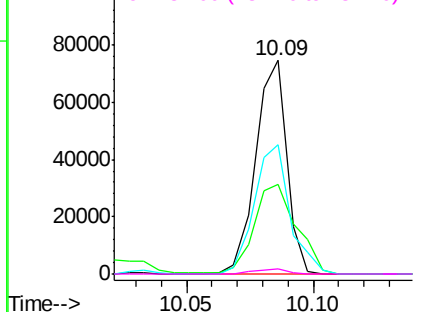
Abundance

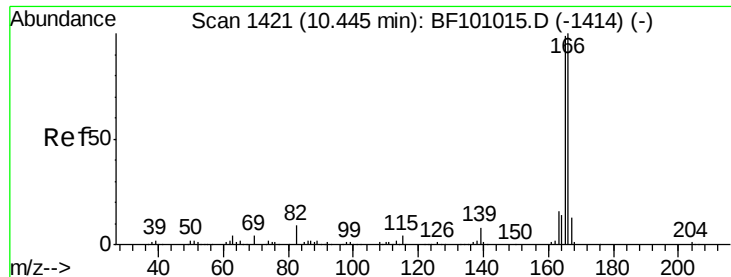
Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



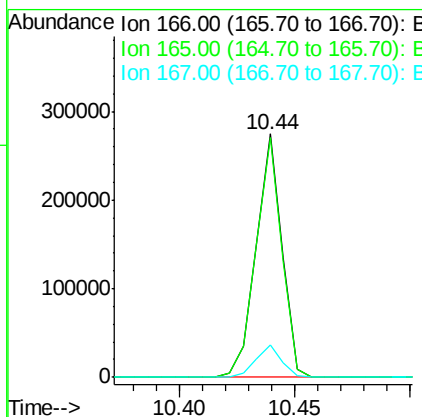
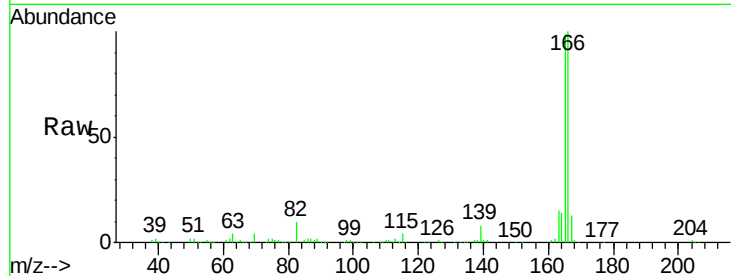


#57
Fluorene
 Concen: 32.12 ng
 RT: 10.44 min Scan# 1420
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

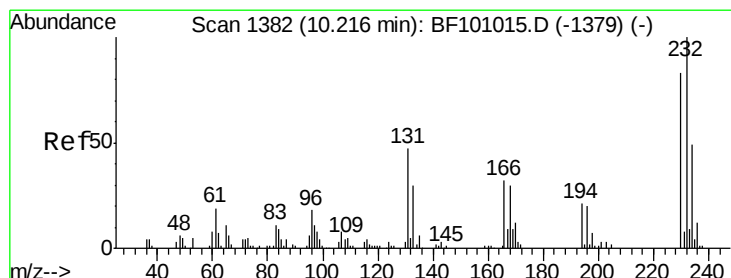
Tot Ion	Ratio	Resp	Lower	Upper
166	100	215388		
165	98.7	79.8	119.8	
167	13.3	10.6	16.0	

Manual Integrations
 APPROVED



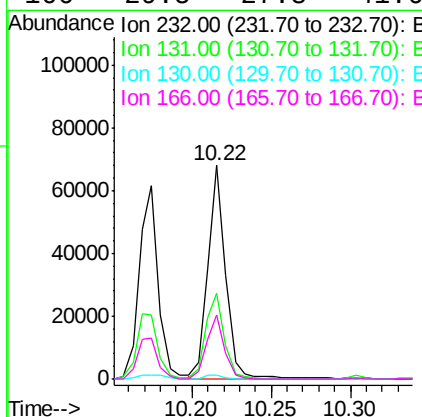
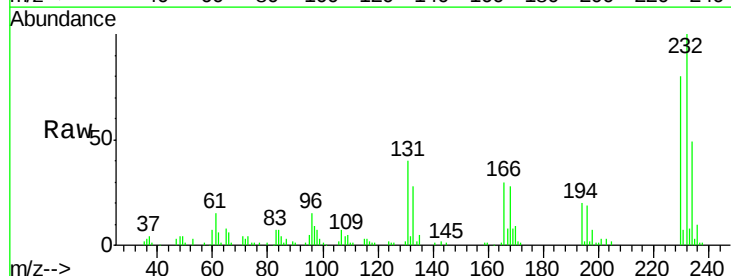
Sohil

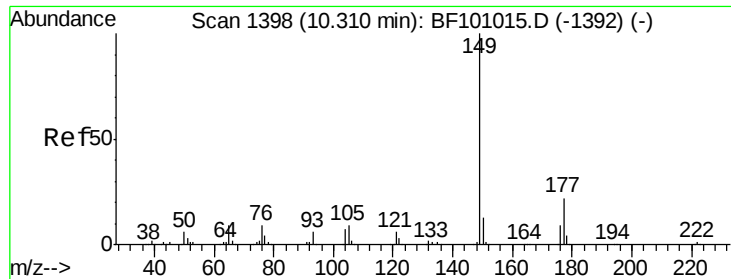
12/5/2017 3:24:46 PM



#58
2,3,4,6-Tetrachlorophenol
 Concen: 33.18 ng
 RT: 10.22 min Scan# 1382
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Resp	Lower	Upper
232	100	54059		
131	42.0	43.8	65.8#	
130	1.8	2.1	3.1#	
166	29.5	27.8	41.6	



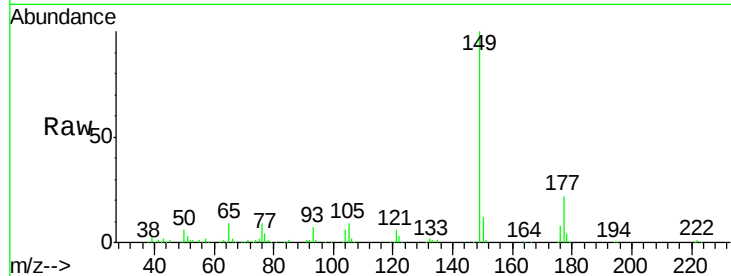


#59
Diethylphthalate
Concen: 34.17 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

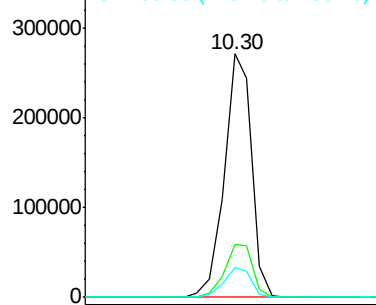
Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

Tot Ion	Ratio	Lower	Upper
149	100		
177	21.7	16.1	24.1
150	12.2	10.1	15.1

Manual Integrations
APPROVED

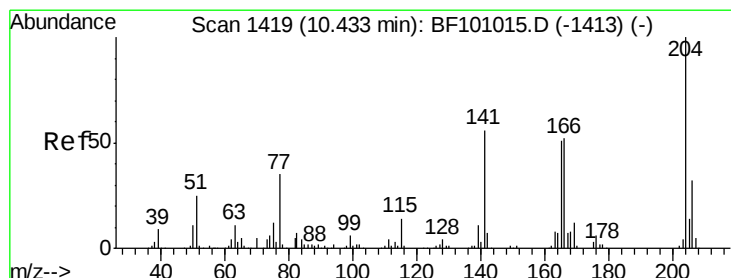
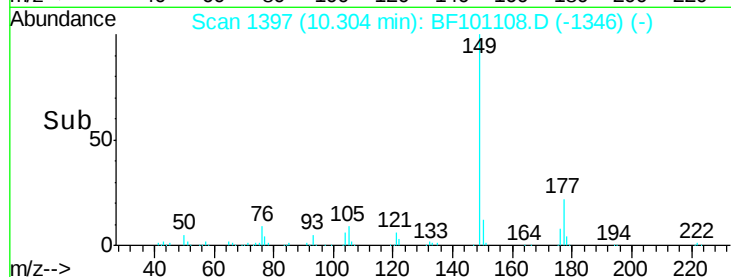


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E



Sohil

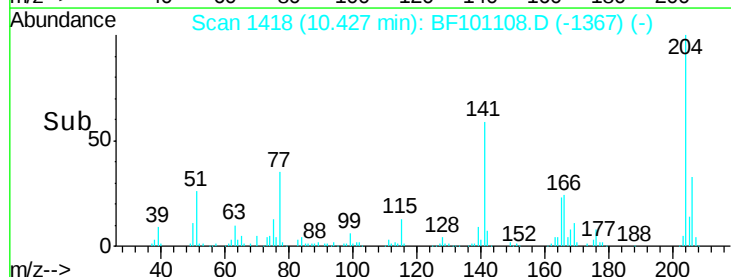
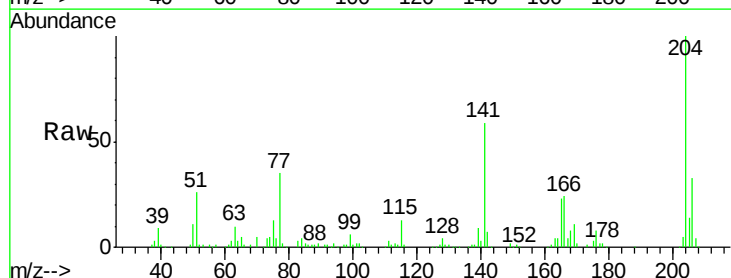
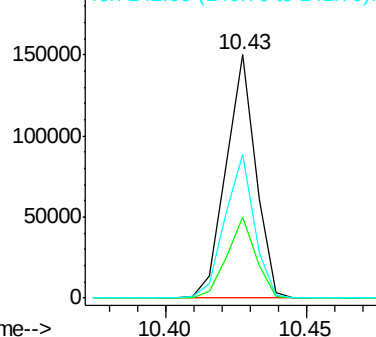
12/5/2017 3:24:46 PM

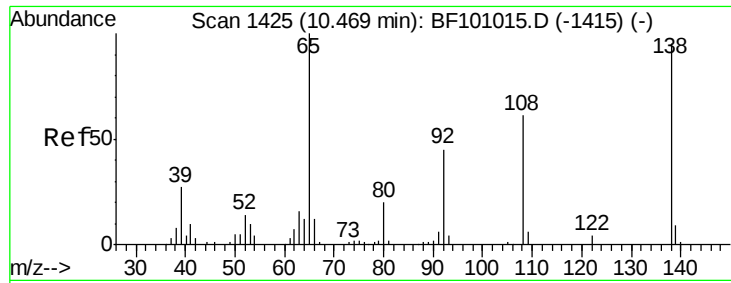


#60
4-Chlorophenyl-phenylether
Concen: 33.16 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.5	39.7
141	59.0	54.6	81.8

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



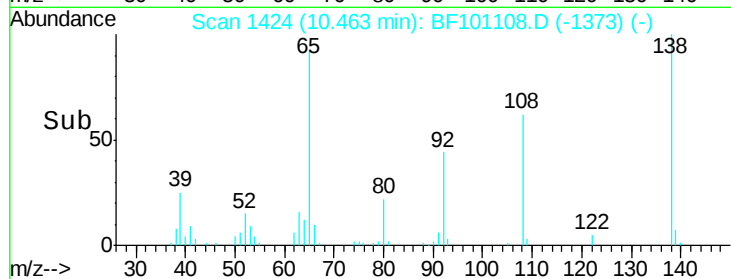
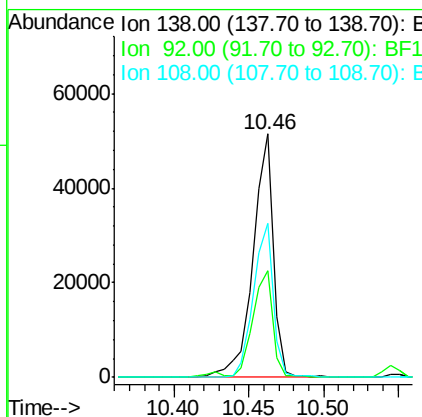
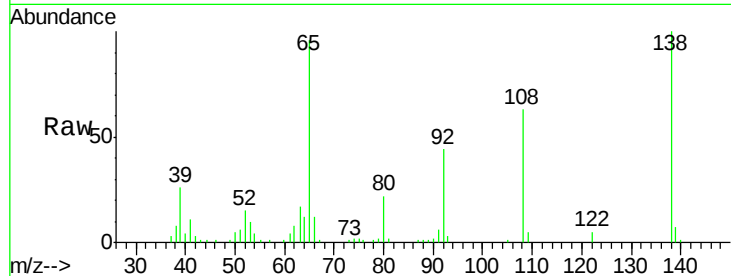


#61
4-Nitroaniline
Concen: 27.28 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

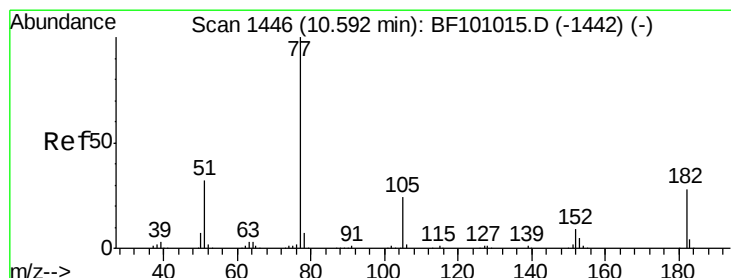
Tot Ion	Ratio	Lower	Upper
138	100		
92	43.8	30.2	70.2
108	63.0	52.5	92.5

Manual Integrations
APPROVED



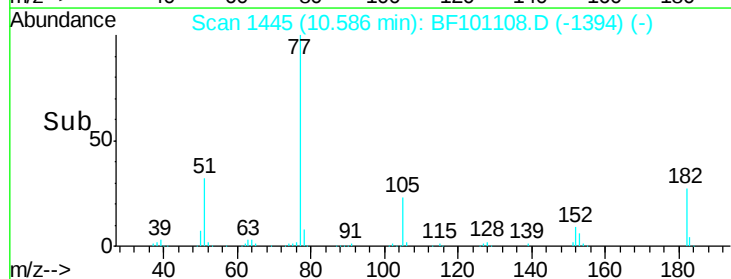
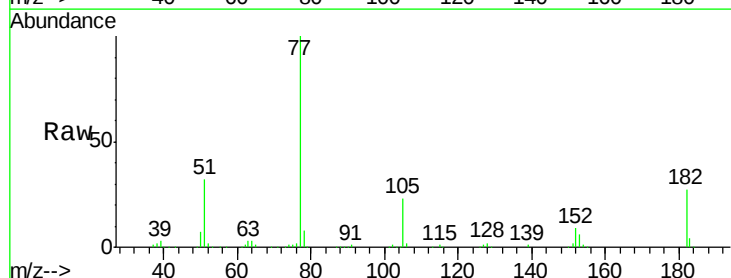
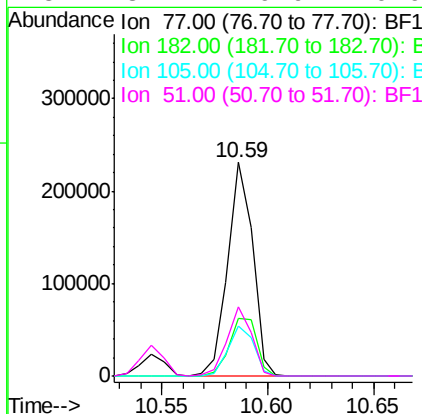
Sohil

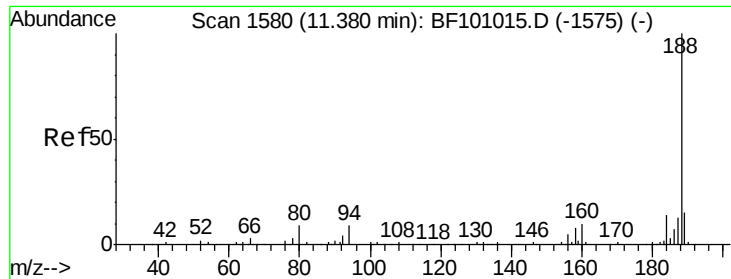
12/5/2017 3:24:46 PM



#62
Azobenzene
Concen: 31.26 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
77	100		
182	27.1	1.7	41.7
105	23.2	3.0	43.0
51	32.2	9.9	49.9



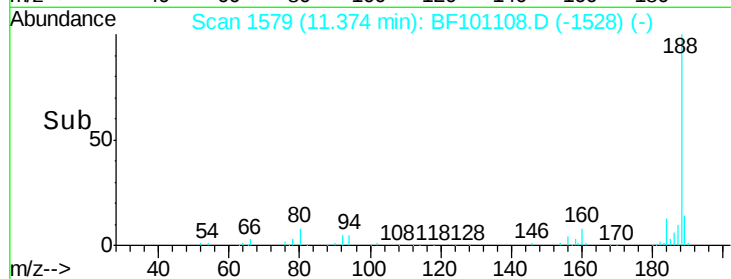
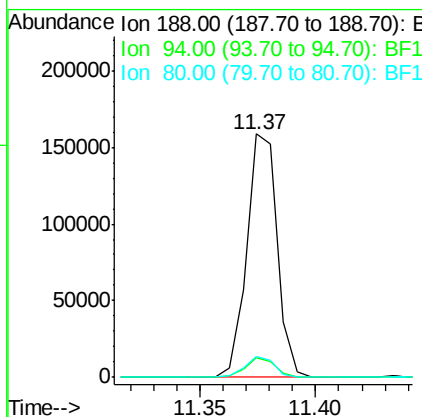
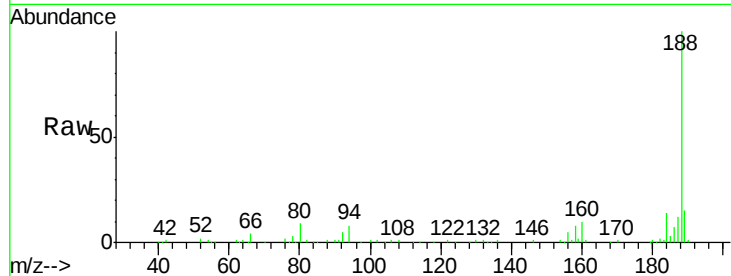


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.37 min Scan# 1579
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

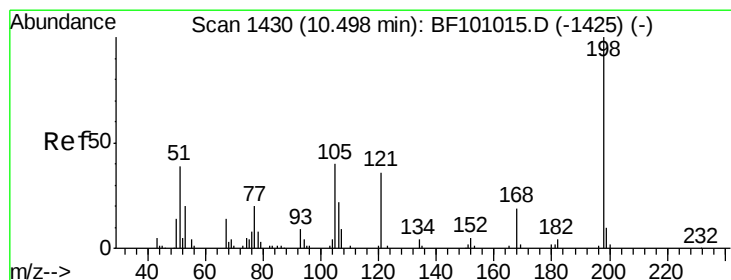
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	7.9	8.5	12.7#
80	8.7	9.2	13.8#

Manual Integrations
 APPROVED



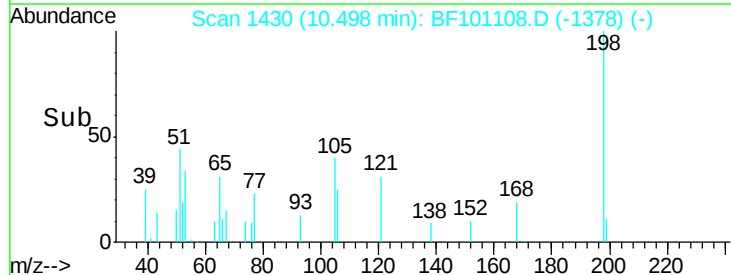
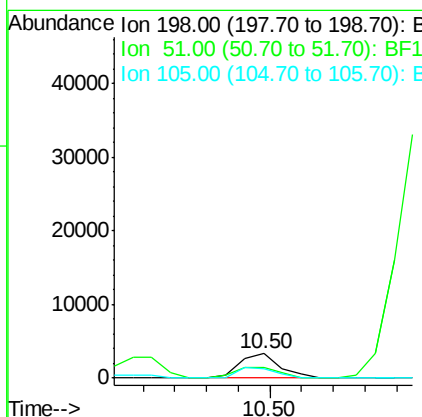
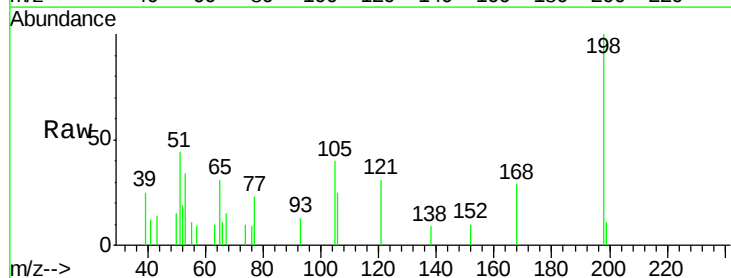
Sohil

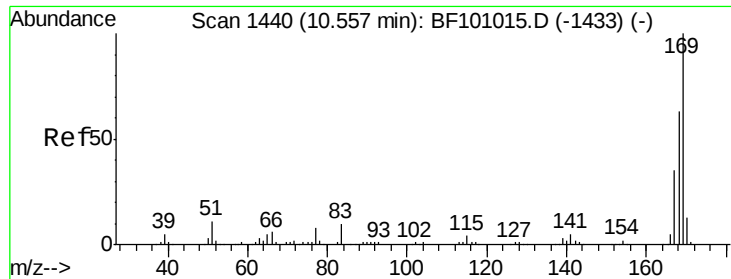
12/5/2017 3:24:46 PM



#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.93 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Resp Lower	Upper
198	100		
51	43.6	37.7	77.7
105	39.9	36.3	76.3



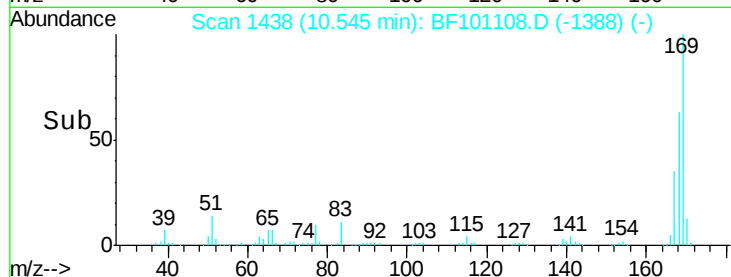
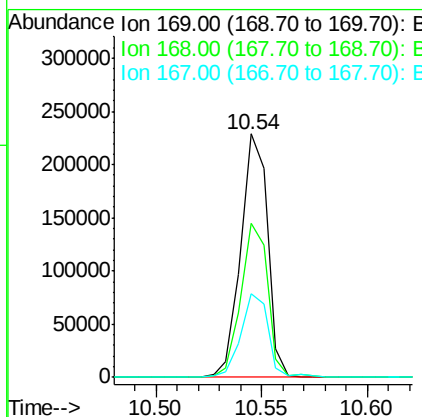
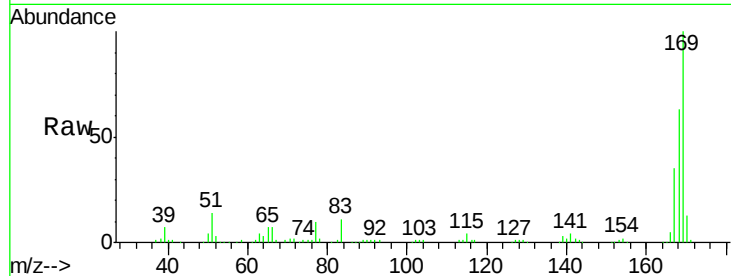


#65
n-Nitrosodiphenylamine
Concen: 38.76 ng
RT: 10.54 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

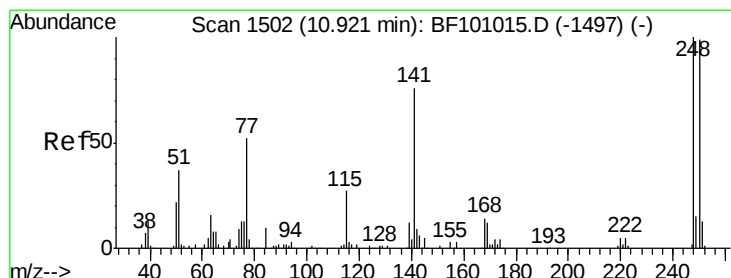
Tot Ion	Ratio	Lower	Upper
169	100		
168	63.3	54.4	81.6
167	34.6	29.8	44.6

Manual Integrations
APPROVED



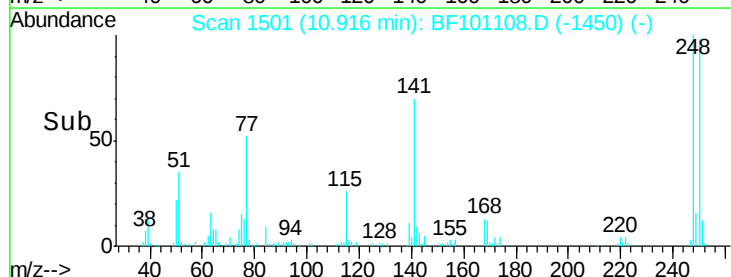
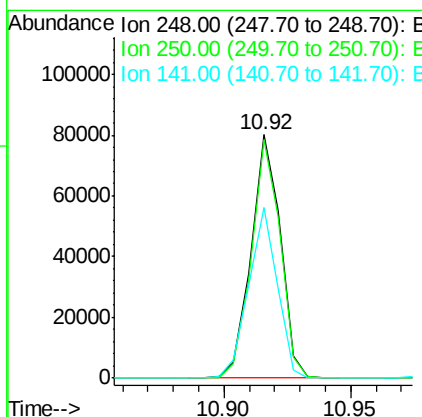
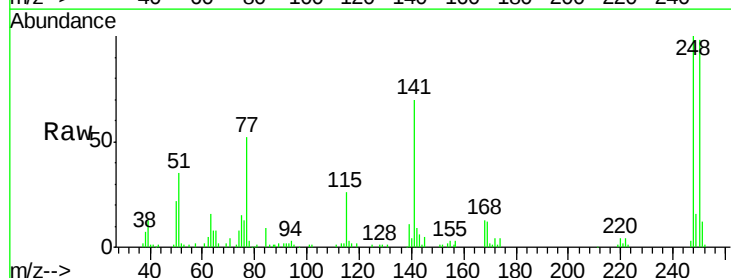
Sohil

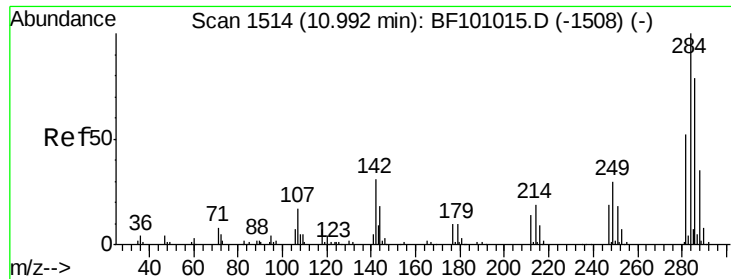
12/5/2017 3:24:46 PM



#66
4-Bromophenyl-phenylether
Concen: 39.47 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.7	76.9	115.3
141	70.0	74.4	111.6#



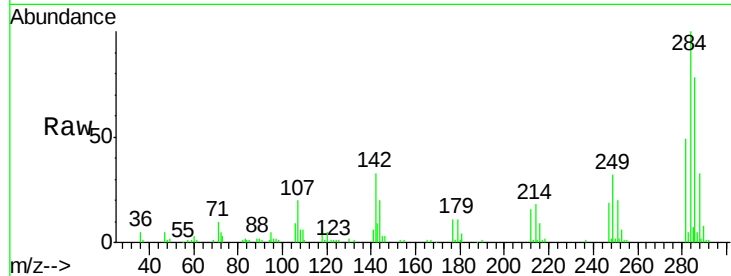


#67
Hexachlorobenzene
Concen: 35.10 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

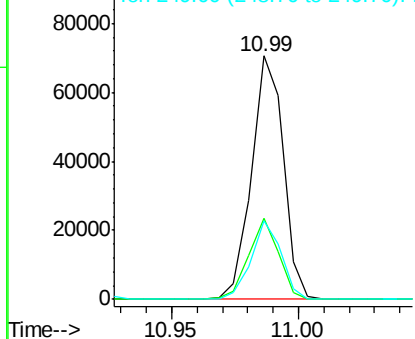
Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

Tot Ion	Ratio	Lower	Upper
284	100		
142	33.5	34.6	52.0#
249	32.1	24.8	37.2

Manual Integrations
APPROVED

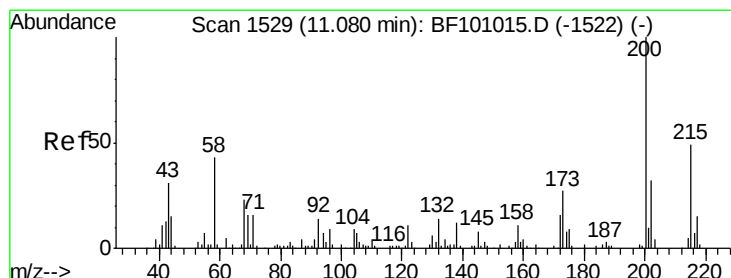
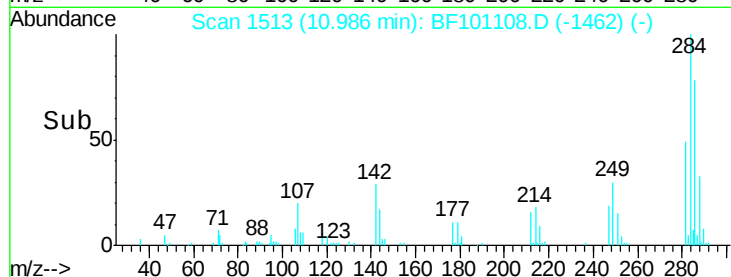


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



Sohil

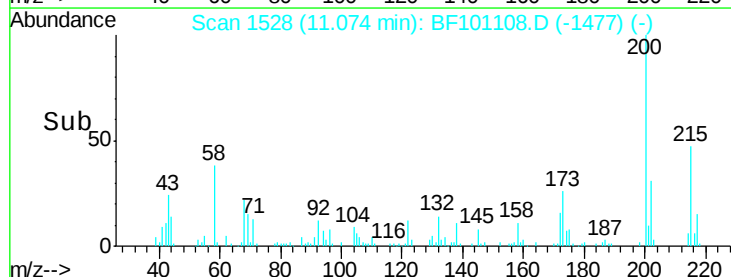
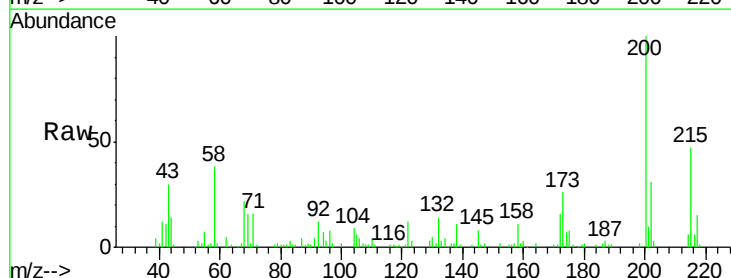
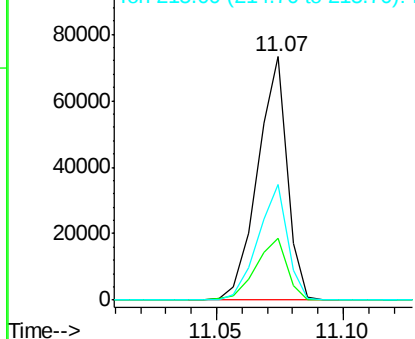
12/5/2017 3:24:46 PM

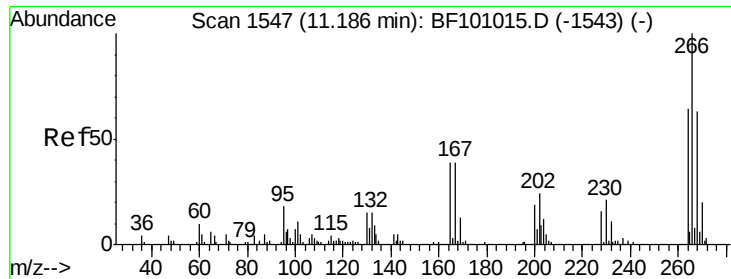


#68
Atrazine
Concen: 37.61 ng
RT: 11.07 min Scan# 1528
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
200	100		
173	25.5	8.6	48.6
215	47.3	25.1	65.1

Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E



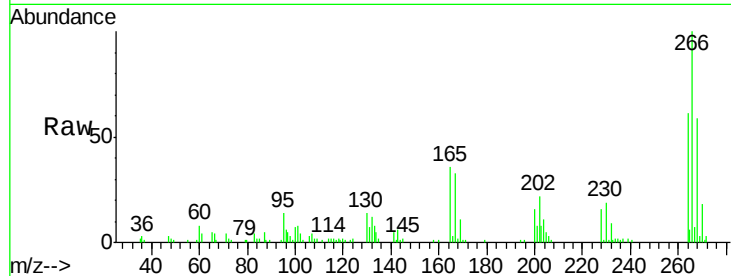


#69
 Pentachlorophenol
 Concen: 52.57 ng
 RT: 11.19 min Scan# 1547
 Delta R.T. 0.01 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

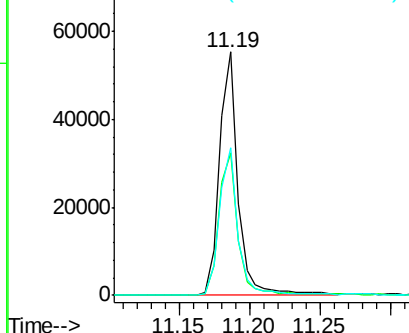
Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

Tot Ion	Ratio	Lower	Upper
266	100		
268	58.8	51.1	76.7
264	60.5	49.5	74.3

Manual Integrations
 APPROVED

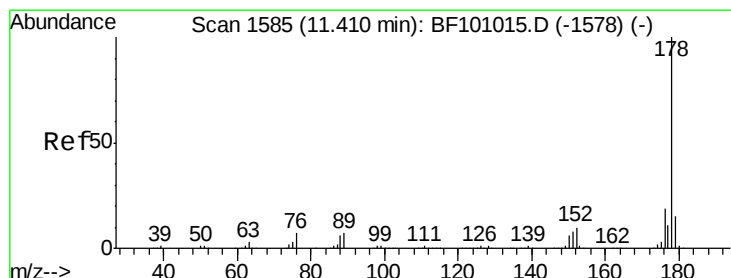
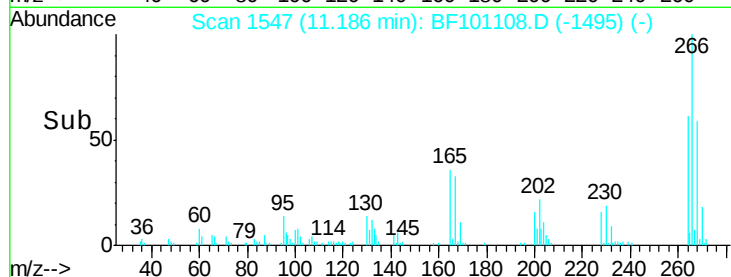


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E



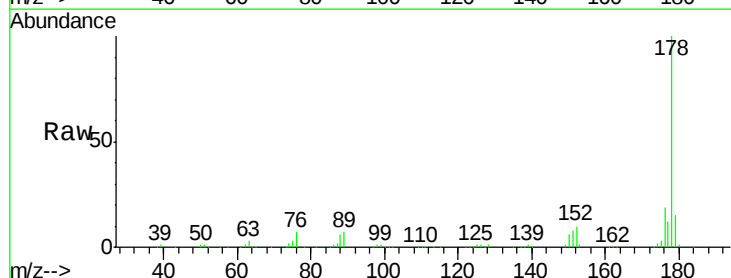
Sohil

12/5/2017 3:24:46 PM

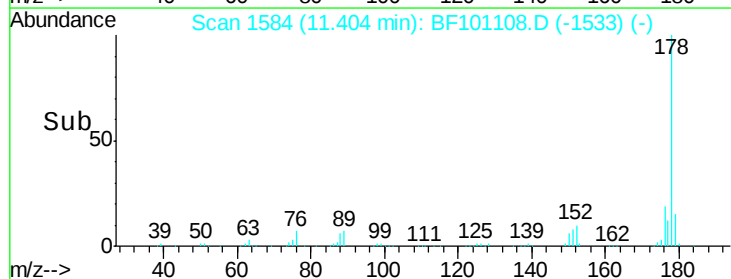
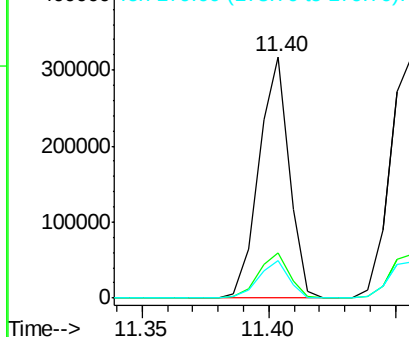


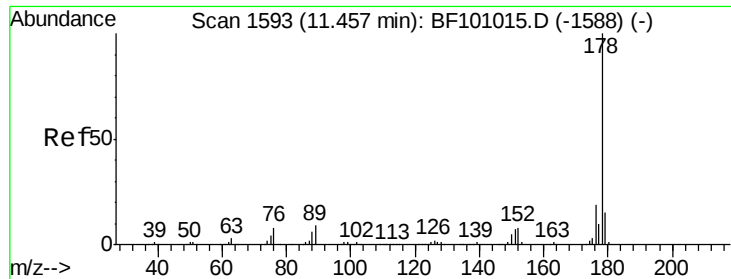
#70
 Phenanthrene
 Concen: 32.85 ng
 RT: 11.40 min Scan# 1584
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.8	23.8
179	15.3	13.0	19.6



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E



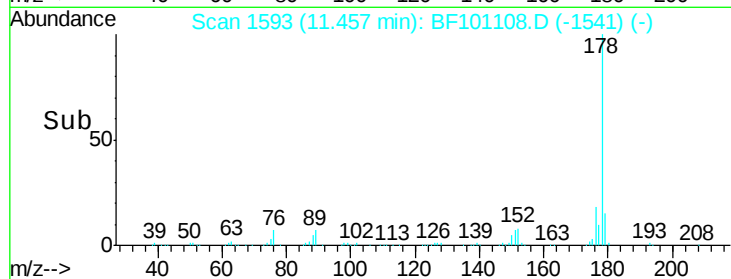
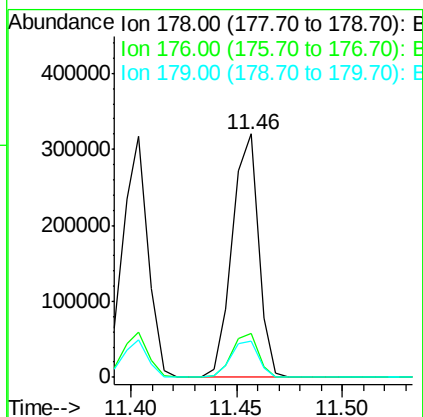
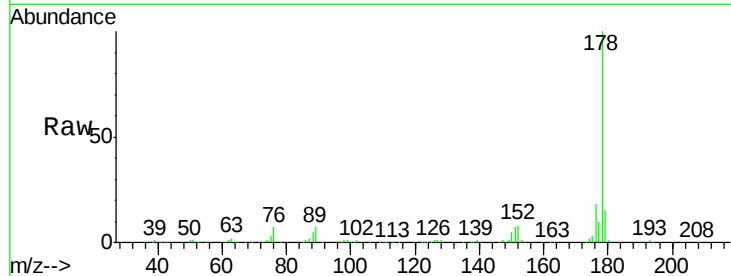


#71
 Anthracene
 Concen: 33.61 ng
 RT: 11.46 min Scan# 1593
 Delta R.T. 0.01 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

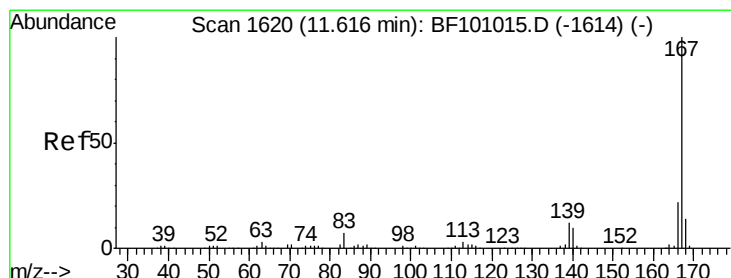
Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.4	23.2
179	14.8	12.6	19.0

Manual Integrations
 APPROVED



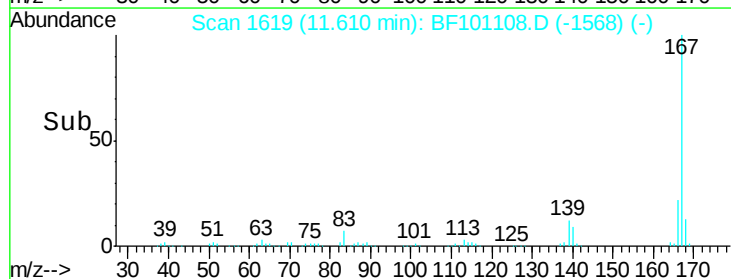
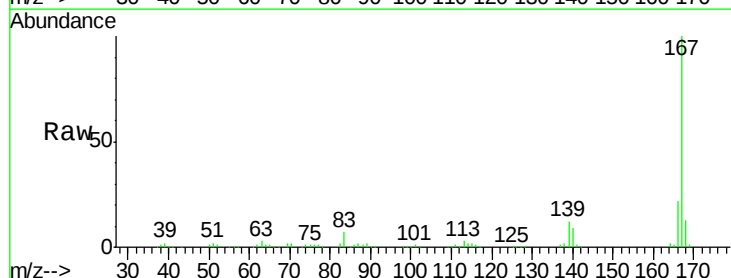
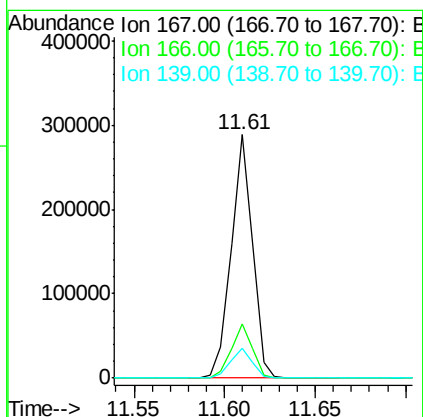
Sohil

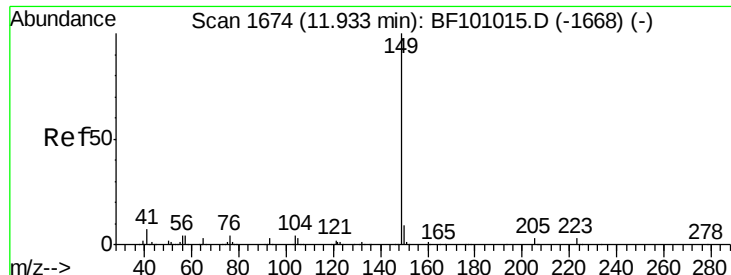
12/5/2017 3:24:46 PM



#72
 Carbazole
 Concen: 31.85 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.6	26.4
139	12.1	10.9	16.3





#73

Di-n-butylphthalate

Concen: 35.58 ng

RT: 11.93 min Scan# 1673

Delta R.T. 0.00 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Instrument :

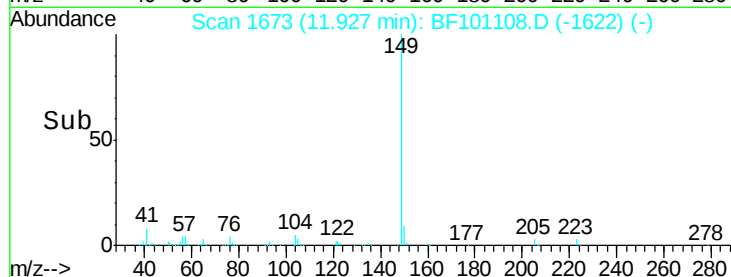
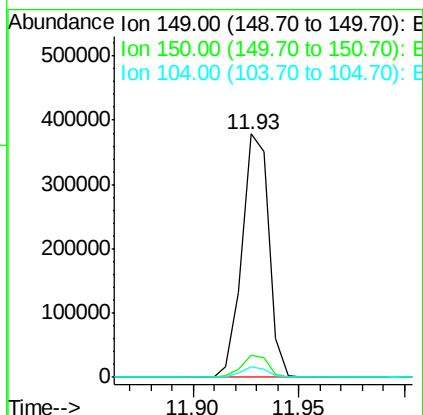
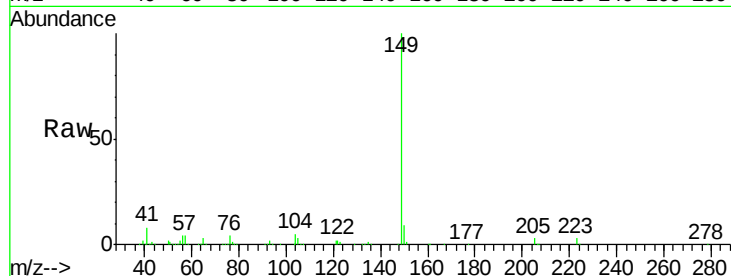
BNA_F

ClientSampleId :

BSC-SB-04MS

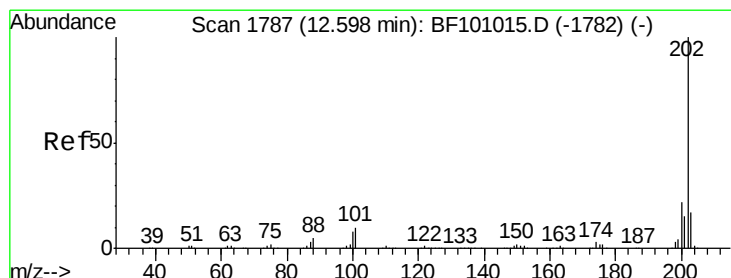
Tot Ion:	149	Resp:	332872
Ion Ratio	Lower	Upper	
149	100		
150	9.0	7.8	11.6
104	4.5	3.8	5.8

Manual Integrations
APPROVED



Sohil

12/5/2017 3:24:46 PM



#74

Fluoranthene

Concen: 28.37 ng

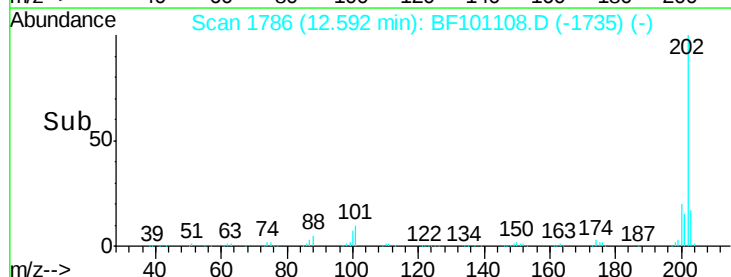
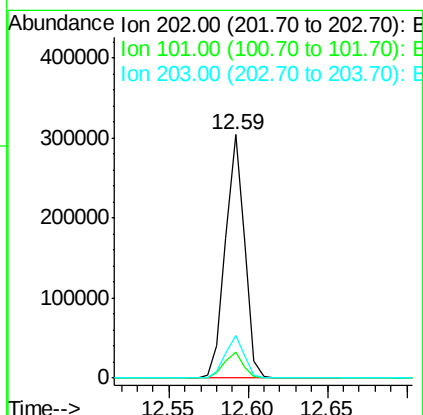
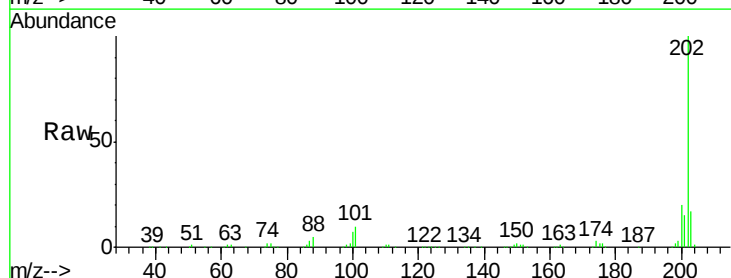
RT: 12.59 min Scan# 1786

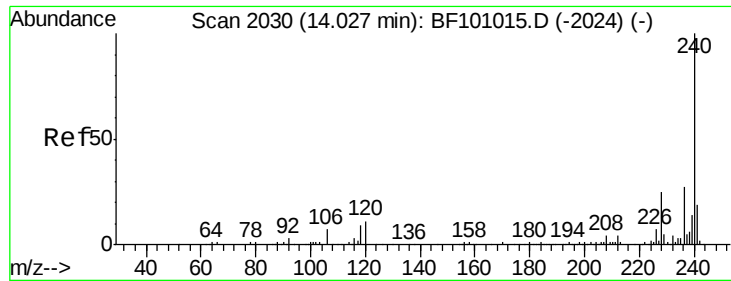
Delta R.T. 0.00 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Tgt Ion:	202	Resp:	253891
Ion Ratio	Lower	Upper	
202	100		
101	10.4	0.0	34.1
203	17.4	0.0	38.1



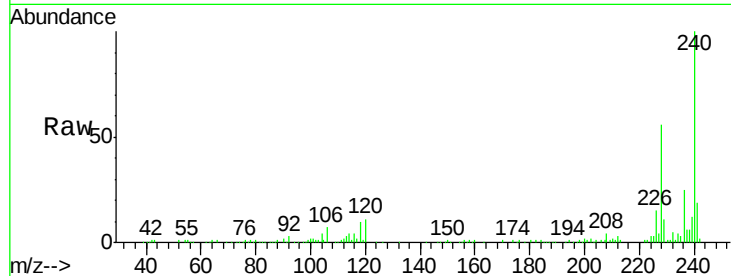


#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

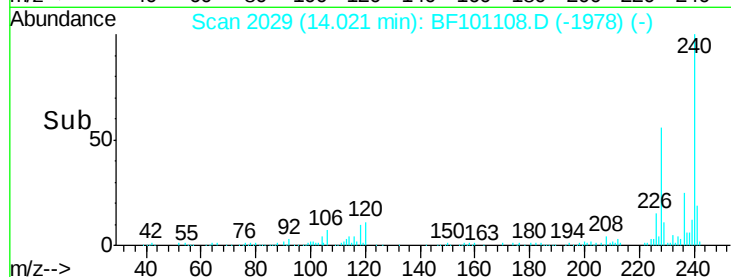
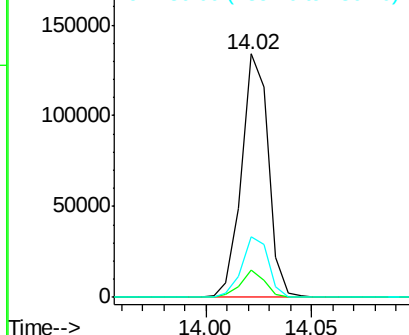
Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

Tot Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.5	14.3
236	24.9	20.7	31.1

Manual Integrations
APPROVED

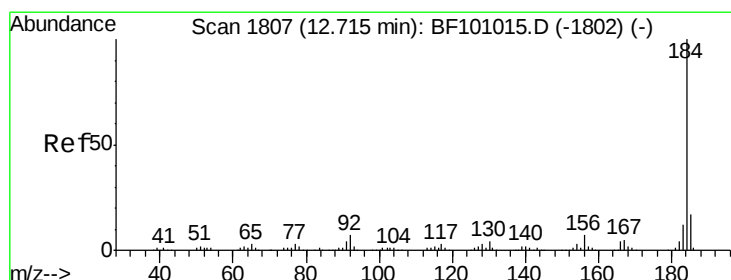


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Sohil

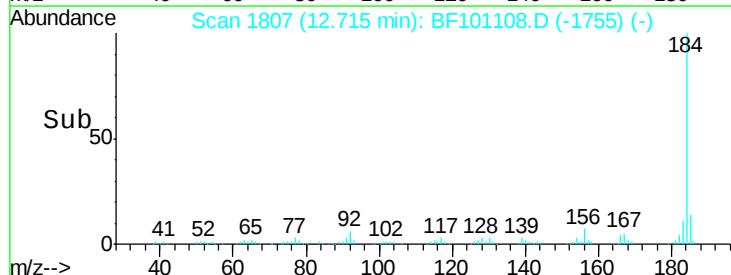
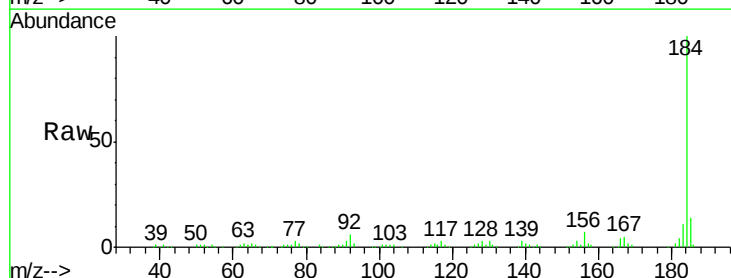
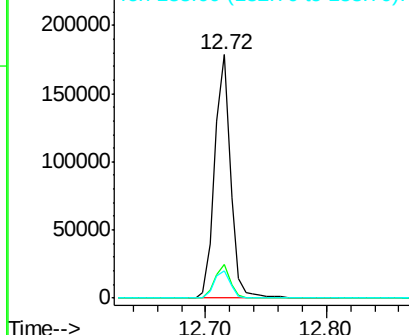
12/5/2017 3:24:46 PM

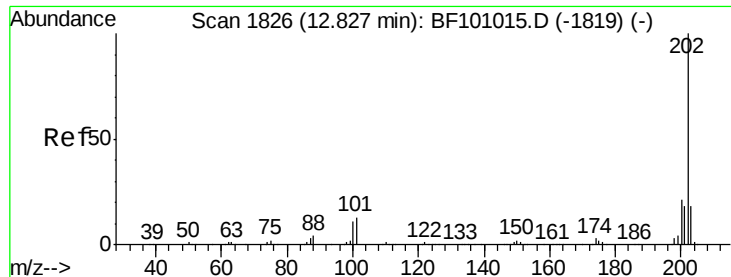


#76
Benzidine
Concen: 42.18 ng
RT: 12.72 min Scan# 1807
Delta R.T. 0.01 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.7	12.6	18.8
183	11.3	9.3	13.9

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



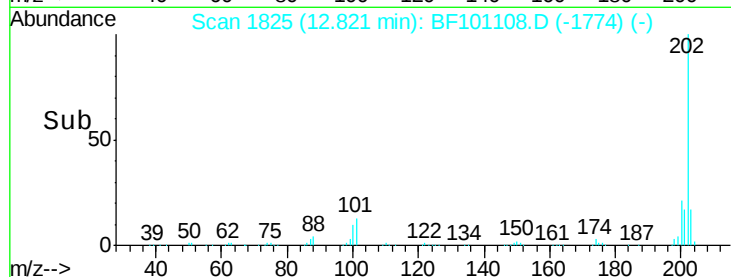
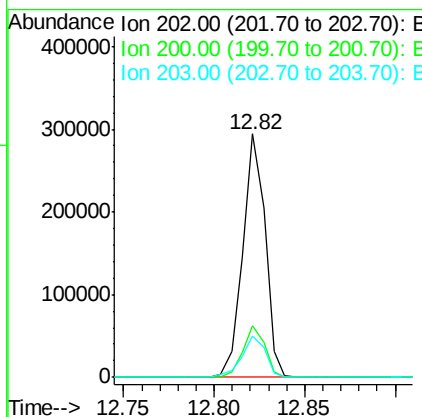
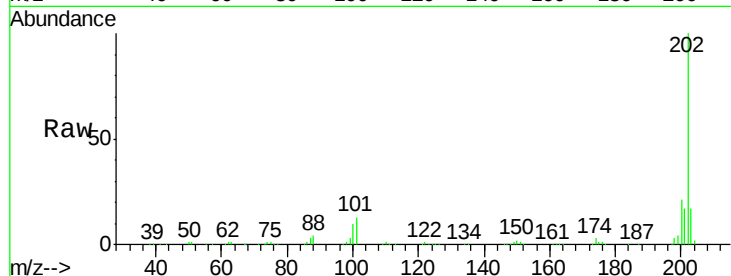


#77
Pvrene
Concen: 31.02 ng
RT: 12.82 min Scan# 1825
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

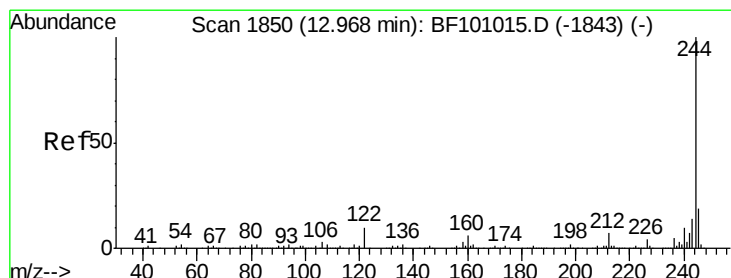
Tot Ion	Ratio	Lower	Upper
202	100		
200	21.0	17.4	26.2
203	17.1	14.3	21.5

Manual Integrations
APPROVED



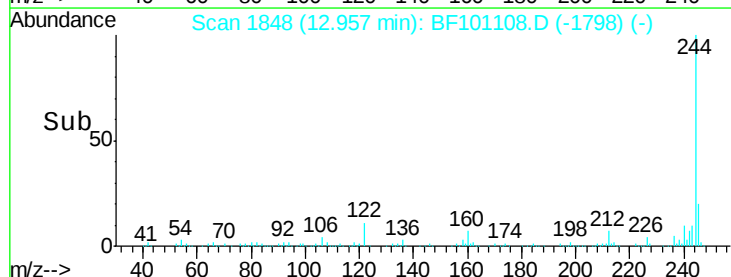
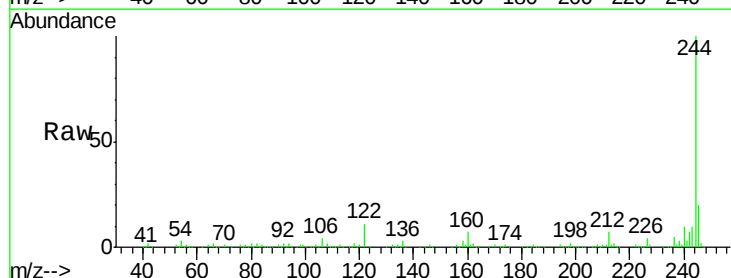
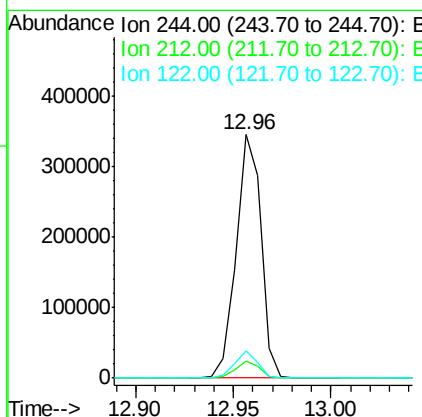
Sohil

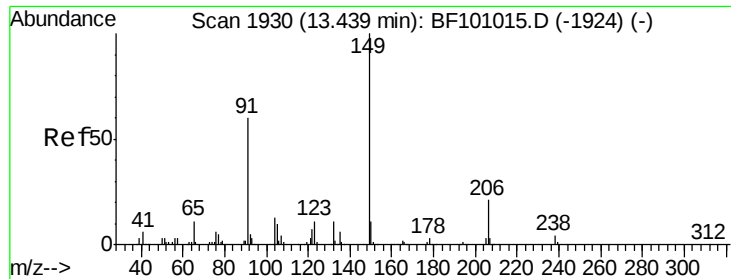
12/5/2017 3:24:46 PM



#78
Terphenyl-d14
Concen: 56.53 ng
RT: 12.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.4	8.0
122	11.1	11.0	16.4



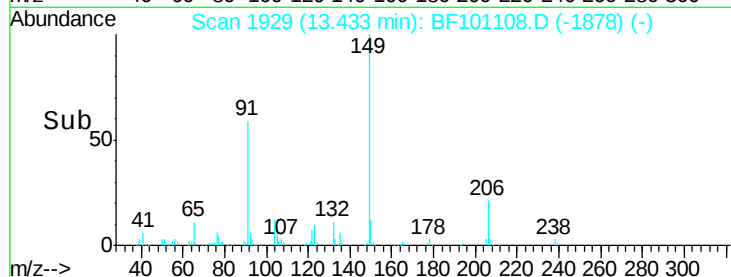
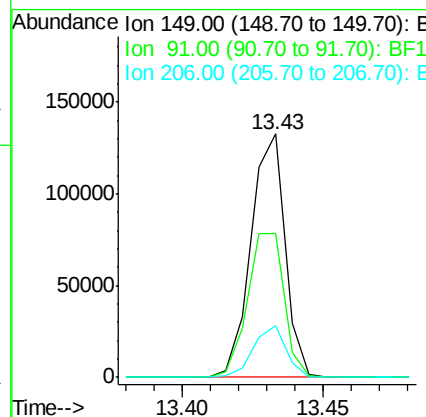
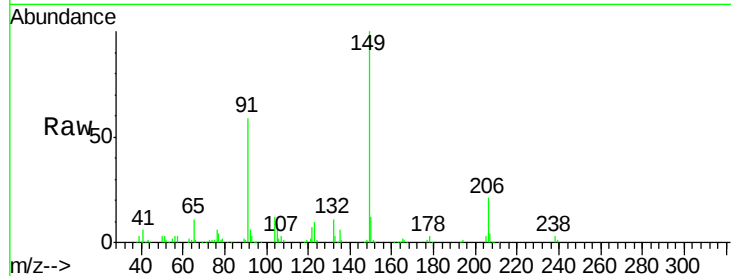


#79
Butylbenzylphthalate
Concen: 31.03 ng
RT: 13.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Instrument :
BNA_F
ClientSampleID :
BSC-SB-04MS

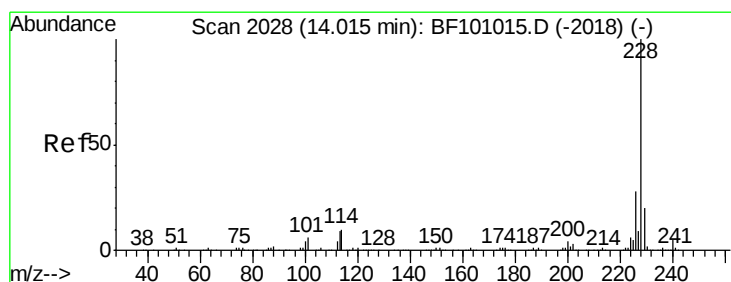
Tot Ion	Ratio	Lower	Upper
149	100		
91	59.0	56.8	85.2
206	21.4	14.1	21.1

Manual Integrations
APPROVED



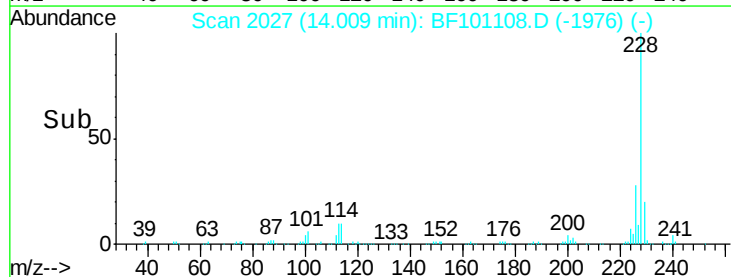
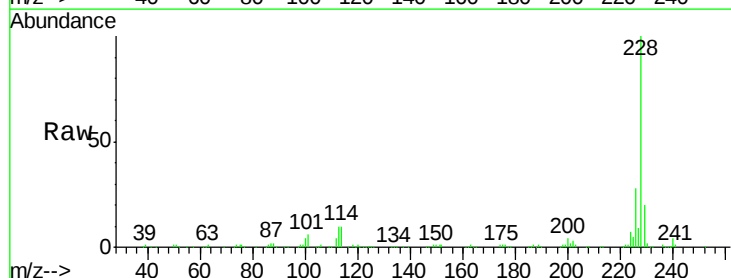
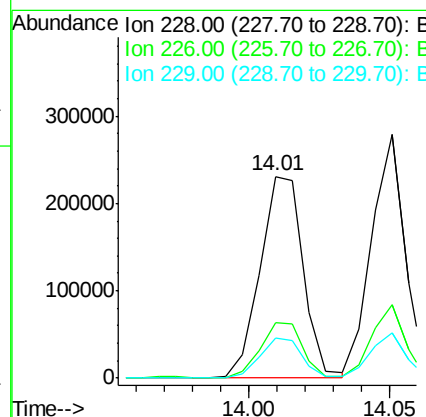
Sohil

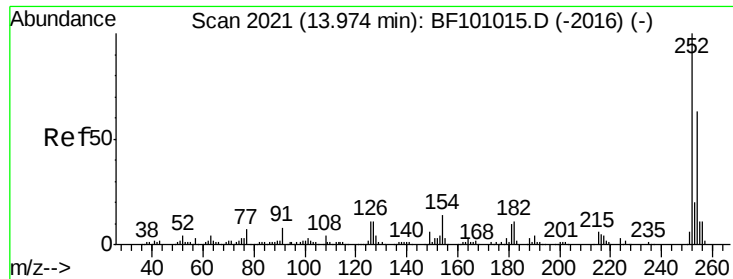
12/5/2017 3:24:46 PM



#80
Benzo(a)anthracene
Concen: 32.92 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.6	33.8
229	20.1	15.8	23.6



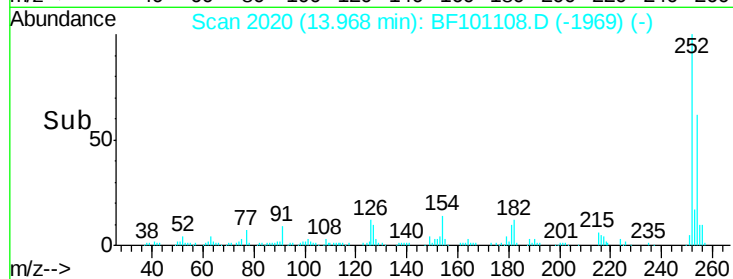
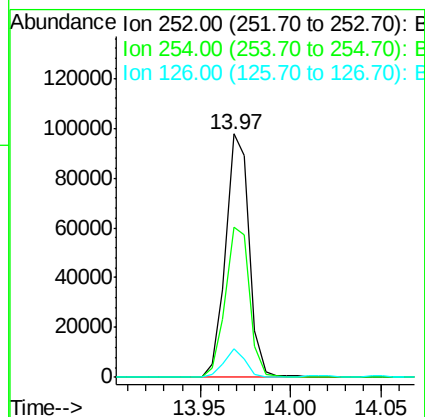
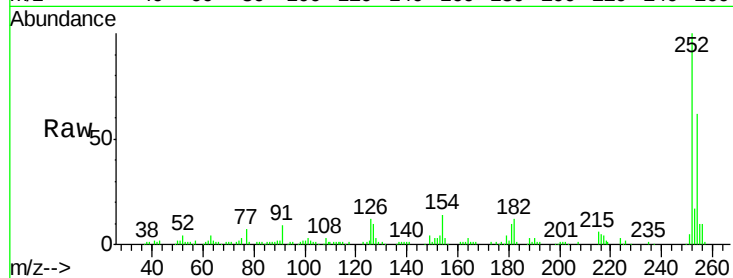


#81
 3,3'-Dichlorobenzidine
 Concen: 34.28 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

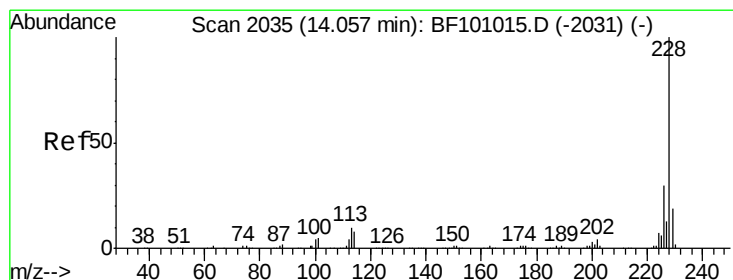
Tot Ion	Ratio	Lower	Upper
252	100		
254	61.7	50.4	75.6
126	11.9	11.3	16.9

Manual Integrations
 APPROVED



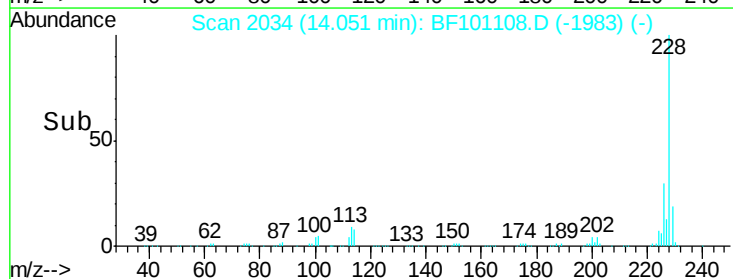
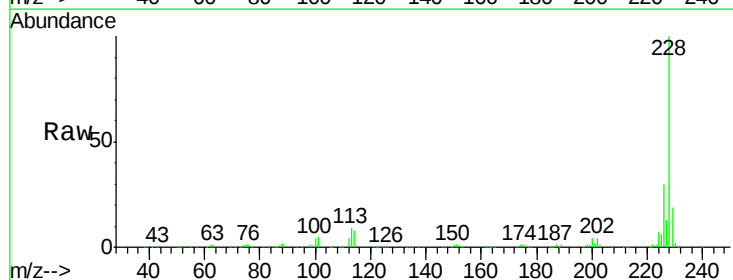
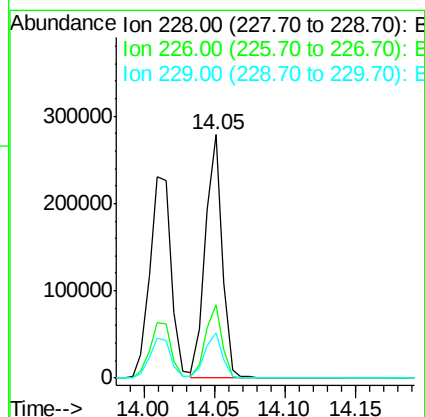
Sohil

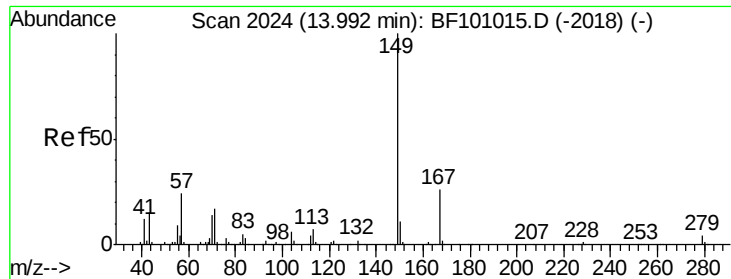
12/5/2017 3:24:46 PM



#82
 Chrysene
 Concen: 33.39 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	25.0	37.6
229	18.8	16.2	24.4



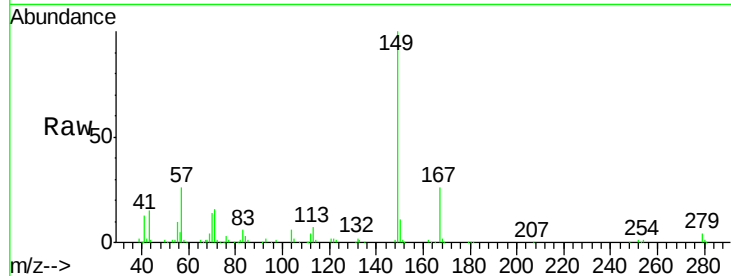


#83
 Bis(2-ethylhexyl)phthalate
 Concen: 31.15 ng
 RT: 13.99 min Scan# 2023
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

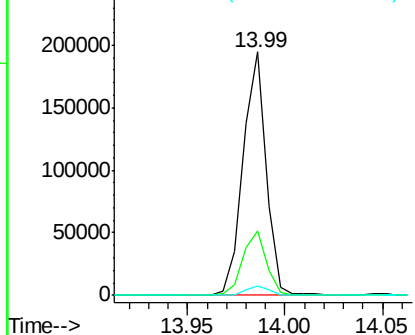
Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.3	21.3	31.9
279	4.1	3.0	4.4

Manual Integrations
 APPROVED

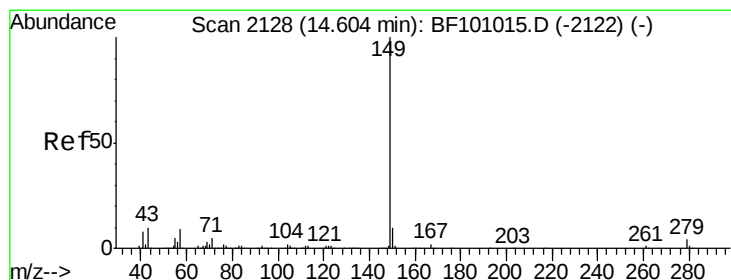
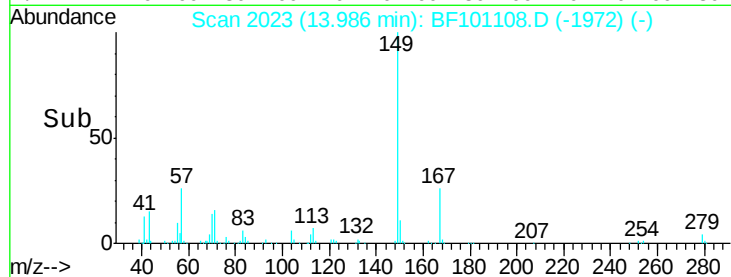


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



Sohil

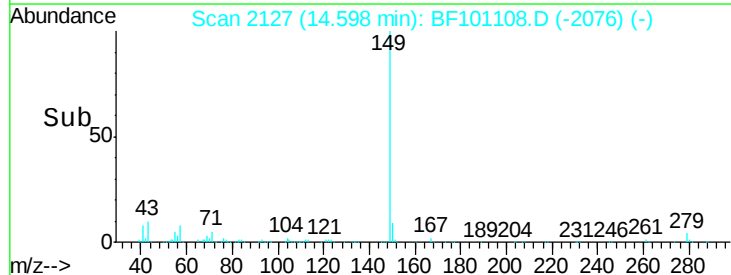
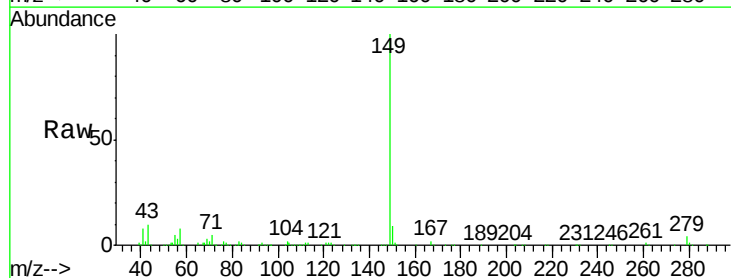
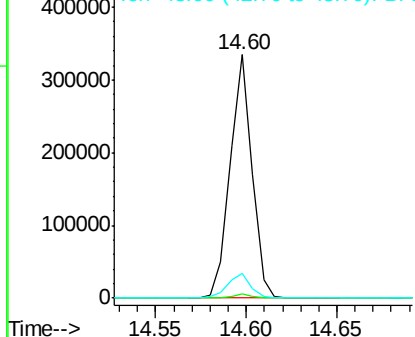
12/5/2017 3:24:46 PM

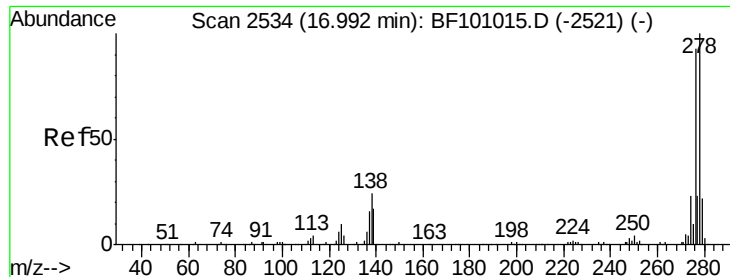


#84
 Di-n-octyl phthalate
 Concen: 33.17 ng
 RT: 14.60 min Scan# 2127
 Delta R.T. 0.00 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.9	8.4	12.6

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





#85

Indeno(1,2,3-cd)pyrene

Concen: 28.12 ng

RT: 16.99 min Scan# 2533

Delta R.T. 0.01 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Instrument :

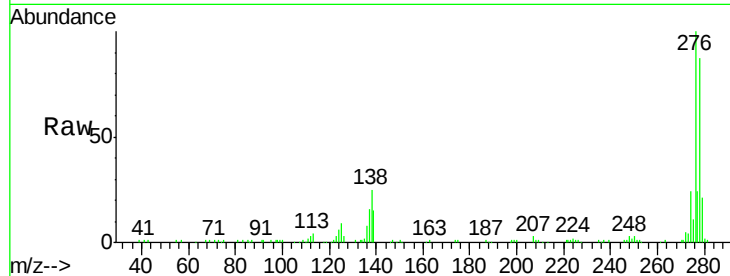
BNA_F

ClientSampleId :

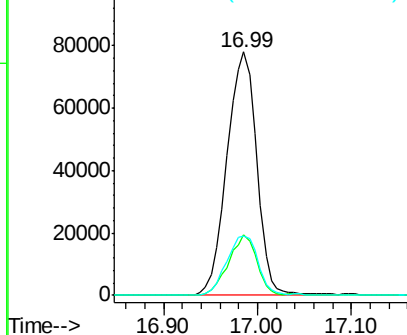
BSC-SB-04MS

Tot Ion:	276	Resp:	172703
Ion Ratio	Lower	Upper	
276	100		
138	23.3	25.0	37.6#
277	25.6	20.1	30.1

Manual Integrations
APPROVED

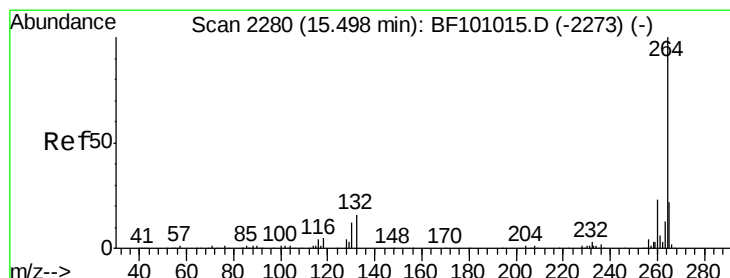
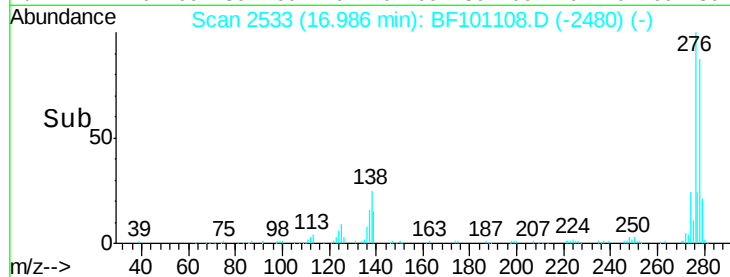


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Sohil

12/5/2017 3:24:46 PM



#86

Perylene-d12

Concen: 20.00 ng

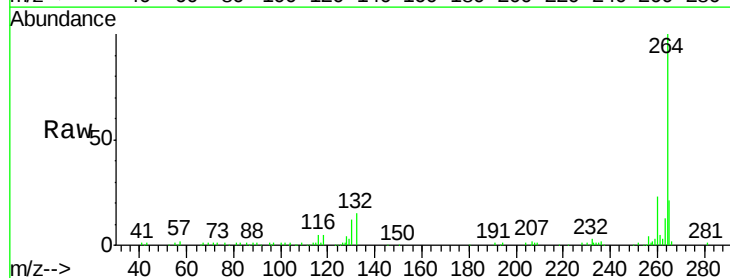
RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

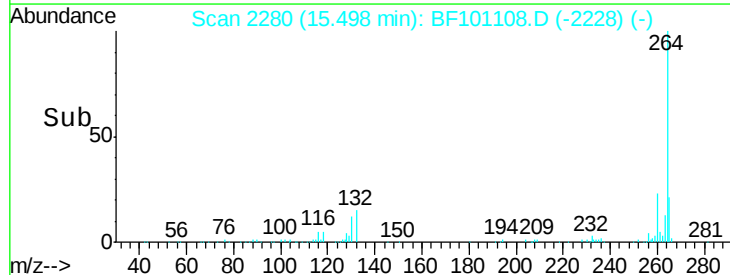
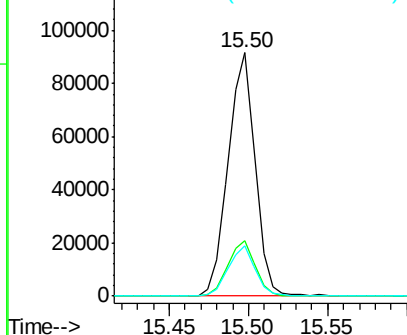
Lab File: BF101108.D

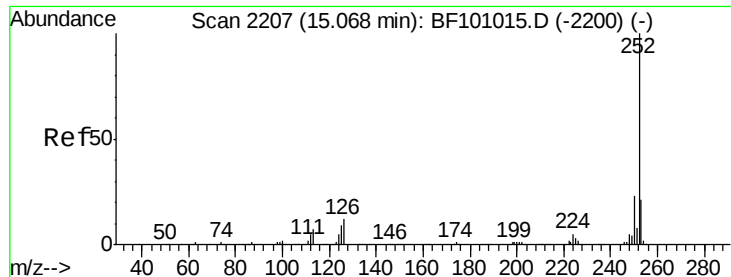
Acq: 4 Dec 2017 19:49

Tgt Ion:	264	Resp:	108087
Ion Ratio	Lower	Upper	
264	100		
260	22.6	19.2	28.8
265	20.7	17.5	26.3



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





#87

Benzo(b)fluoranthene

Concen: 35.62 ng

RT: 15.07 min Scan# 2207

Delta R.T. 0.01 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Instrument :

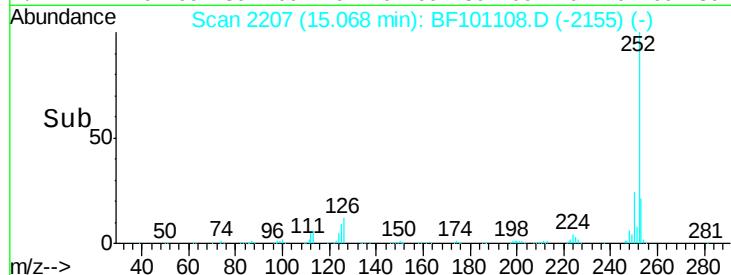
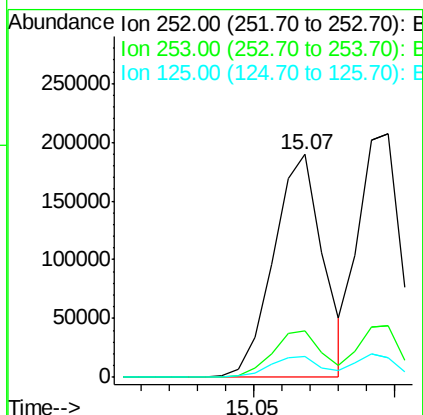
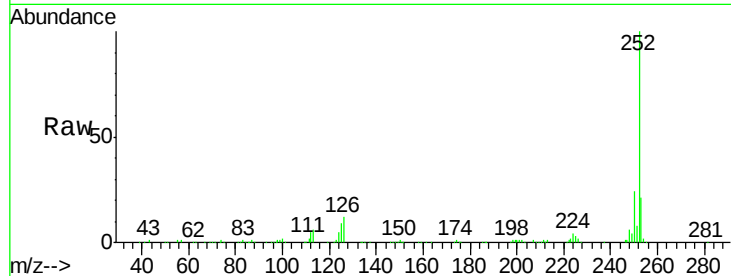
BNA_F

ClientSampleId :

BSC-SB-04MS

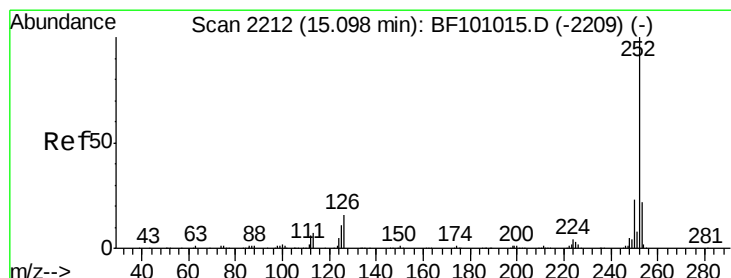
Tot Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	9.4	9.0	13.6

Manual Integrations
APPROVED



Sohil

12/5/2017 3:24:46 PM



#88

Benzo(k)fluoranthene

Concen: 33.99 ng

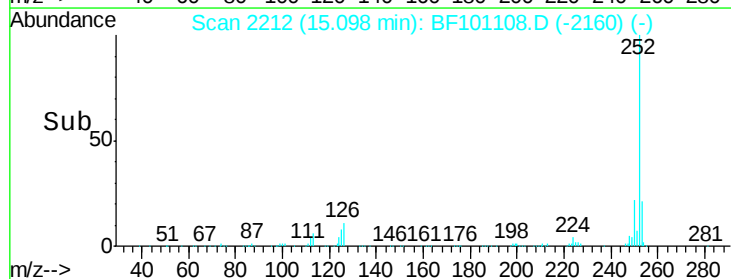
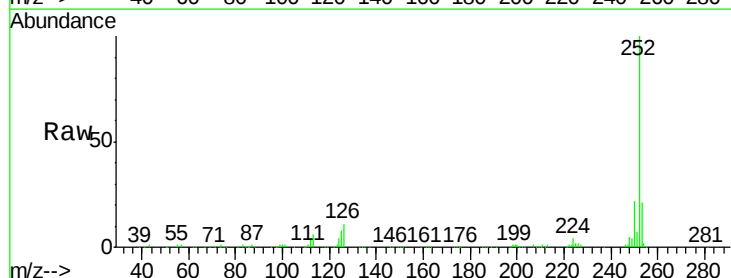
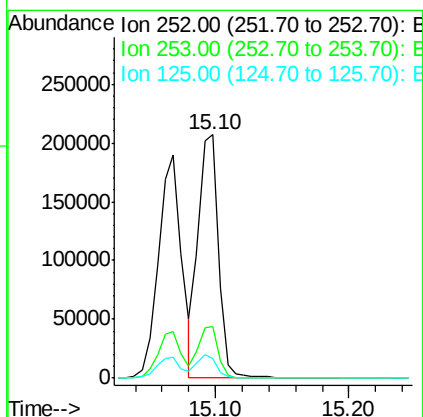
RT: 15.10 min Scan# 2212

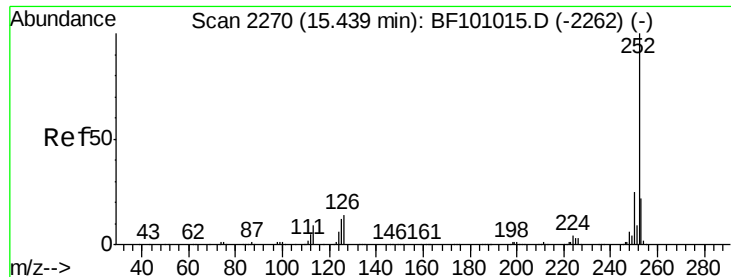
Delta R.T. 0.01 min

Lab File: BF101108.D

Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.9	26.9
125	8.1	10.2	15.2#



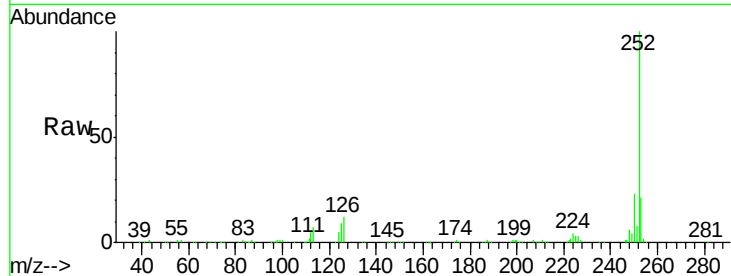


#89
Benzo(a)pyrene
Concen: 33.56 ng
RT: 15.44 min Scan# 2270
Delta R.T. 0.01 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

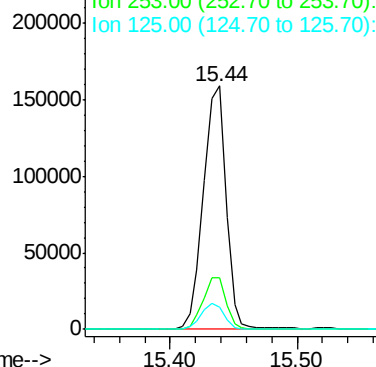
Instrument :
BNA_F
ClientSampleId :
BSC-SB-04MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	9.0	9.8	14.6

Manual Integrations
APPROVED

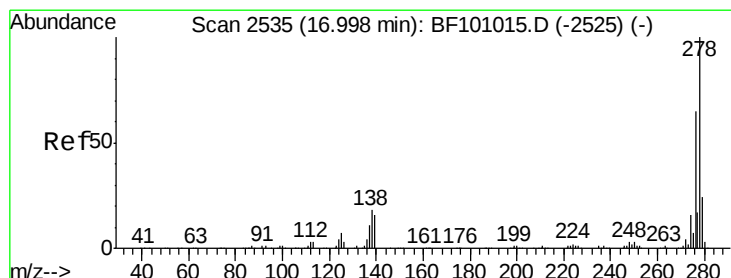
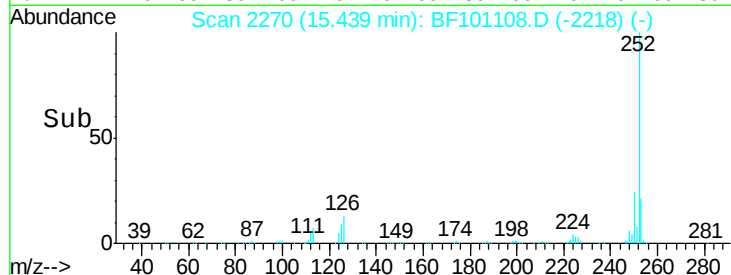


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Sohil

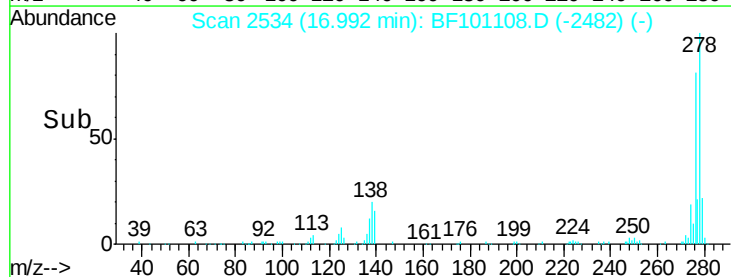
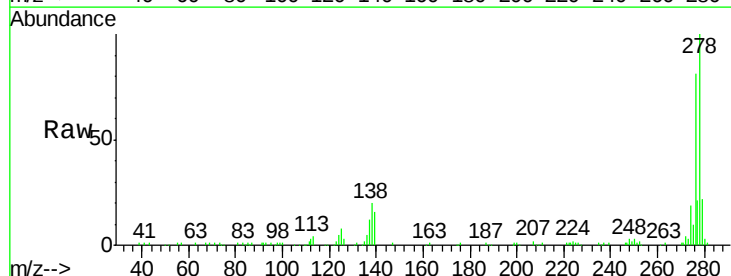
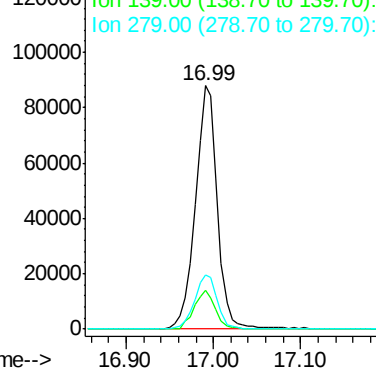
12/5/2017 3:24:46 PM

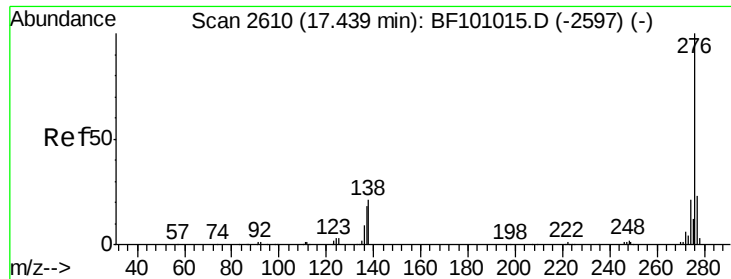


#90
Dibenzo(a,h)anthracene
Concen: 29.15 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF101108.D
Acq: 4 Dec 2017 19:49

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.1	15.9	23.9
279	22.3	19.0	28.4

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



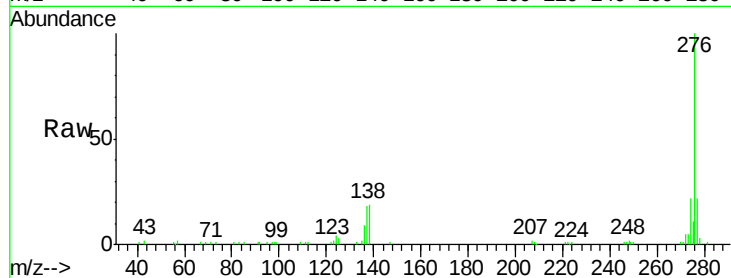


#91
 Benzo(a,h,i)perylene
 Concen: 27.27 ng
 RT: 17.43 min Scan# 2609
 Delta R.T. 0.01 min
 Lab File: BF101108.D
 Acq: 4 Dec 2017 19:49

Instrument :
 BNA_F
 ClientSampleId :
 BSC-SB-04MS

Tot Ion	Ratio	Lower	Upper
276	100		
277	22.5	17.9	26.9
138	19.0	21.8	32.8

Manual Integrations
 APPROVED

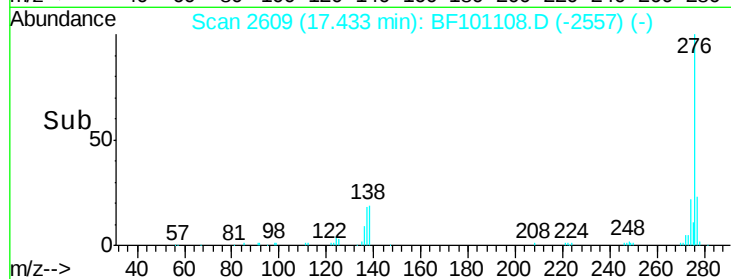
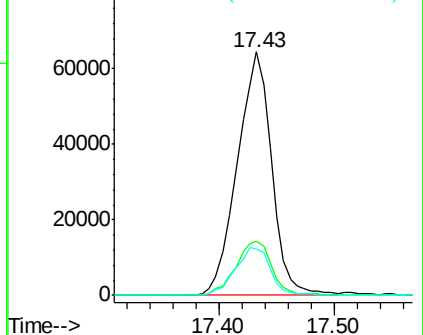


Abundance

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



Sohil

12/5/2017 3:24:46 PM