

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
 Data File : BN005006.D
 Acq On : 27 Mar 2019 22:13
 Operator : JU/SJ
 Sample : PB118091BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BS

Manual Integrations
 APPROVED

Sohil
 3/28/2019 5:10:21 PM

Quant Time: Mar 28 05:31:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	9566	20.00	ng	0.00
21) Naphthalene-d8	10.46	136	38816	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	21187	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	44049	20.00	ng	0.00
76) Chrysene-d12	21.27	240	36599	20.00	ng	0.00
87) Perylene-d12	23.50	264	31051	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.27	112	73192	132.28	ng	0.00
7) Phenol-d6	6.86	99	91976	125.33	ng	0.00
23) Nitrobenzene-d5	8.84	82	47924	74.69	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	42890	125.52	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	124454	77.84	ng	0.00
79) Terphenyl-d14	19.70	244	161516	84.96	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.21	88	10410	51.628	ng	# 92
3) Pyridine	3.60	79	19800	35.139	ng	99
4) n-Nitrosodimethylamine	3.52	42	7025	38.243	ng	94
6) Aniline	7.02	93	30012	32.115	ng	99
8) 2-Chlorophenol	7.25	128	27515	39.174	ng	99
9) Benzaldehyde	6.83	77	8906	21.119	ng	99
10) Phenol	6.88	94	30723	39.069	ng	98
11) bis(2-Chloroethyl)ether	7.12	93	22437	36.897	ng	99
12) 1,3-Dichlorobenzene	7.56	146	28535	37.288	ng	99
13) 1,4-Dichlorobenzene	7.71	146	29263	37.777	ng	99
14) 1,2-Dichlorobenzene	8.02	146	27997	37.766	ng	99
15) Benzyl Alcohol	7.92	79	20476	36.674	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.20	45	26807	36.538	ng	100
17) 2-Methylphenol	8.12	107	21564	39.335	ng	99
18) Hexachloroethane	8.73	117	10030	36.531	ng	97
19) n-Nitroso-di-n-propylamine	8.48	70	16992	35.320	ng	99
20) 3+4-Methylphenols	8.45	107	28682	38.534	ng	99
22) Acetophenone	8.50	105	36215	40.872	ng	100
24) Nitrobenzene	8.88	77	25506	39.276	ng	100
25) Isophorone	9.39	82	47022	37.616	ng	100
26) 2-Nitrophenol	9.59	139	14419	38.240	ng	99
27) 2,4-Dimethylphenol	9.64	122	24330	46.345	ng	100
28) bis(2-Chloroethoxy)methane	9.88	93	30036	38.780	ng	100
29) 2,4-Dichlorophenol	10.12	162	25102	41.604	ng	98
30) 1,2,4-Trichlorobenzene	10.32	180	27034	40.675	ng	99
31) Naphthalene	10.51	128	80705	39.851	ng	100
32) Benzoic acid	9.80	122	12734	32.194	ng	98
33) 4-Chloroaniline	10.63	127	14457	17.546	ng	100
34) Hexachlorobutadiene	10.78	225	16570	38.530	ng	98
35) Caprolactam	11.42	113	6832m	34.581	ng	
36) 4-Chloro-3-methylphenol	11.76	107	25123	38.544	ng	99
37) 2-Methylnaphthalene	12.13	142	57739	40.375	ng	99
38) 1-Methylnaphthalene	12.35	142	54952	39.270	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.50	216	30993	41.242	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
 Data File : BN005006.D
 Acq On : 27 Mar 2019 22:13
 Operator : JU/SJ
 Sample : PB118091BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BS

Manual Integrations
 APPROVED

Sohil
 3/28/2019 5:10:21 PM

Quant Time: Mar 28 05:31:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 27 05:27:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.46	237	42767	99.415	nq	100
43) 2,4,6-Trichlorophenol	12.75	196	20033	42.962	nq	99
44) 2,4,5-Trichlorophenol	12.82	196	20765	40.877	nq	98
46) 1,1'-Biphenyl	13.15	154	73772	41.140	nq	99
47) 2-Chloronaphthalene	13.19	162	56817	41.289	nq	99
48) 2-Nitroaniline	13.42	65	13830	37.755	nq	98
49) Acenaphthylene	14.05	152	90251	38.995	nq	100
50) Dimethylphthalate	13.79	163	68858	39.558	nq	99
51) 2,6-Dinitrotoluene	13.92	165	15395	38.868	nq	98
52) Acenaphthene	14.39	154	52006	39.944	nq	99
53) 3-Nitroaniline	14.25	138	7951	19.640	nq	100
54) 2,4-Dinitrophenol	14.46	184	16643	71.311	nq	99
55) Dibenzofuran	14.72	168	83312	40.214	nq	100
56) 4-Nitrophenol	14.56	139	23013	72.160	nq	97
57) 2,4-Dinitrotoluene	14.70	165	20591	38.253	nq	99
58) Fluorene	15.37	166	66008	39.441	nq	100
59) 2,3,4,6-Tetrachlorophenol	14.95	232	18837	39.994	nq	# 99
60) Diethylphthalate	15.15	149	67958	39.125	nq	99
61) 4-Chlorophenyl-phenylether	15.36	204	34769	40.272	nq	99
62) 4-Nitroaniline	15.42	138	13492	33.171	nq	98
63) Azobenzene	15.66	77	56156	38.838	nq	98
65) 4,6-Dinitro-2-methylphenol	15.47	198	10836	37.344	nq	98
66) n-Nitrosodiphenylamine	15.59	169	57230	41.246	nq	100
67) 4-Bromophenyl-phenylether	16.26	248	22171	40.334	nq	99
68) Hexachlorobenzene	16.37	284	26078	40.494	nq	99
69) Atrazine	16.54	200	19357	39.048	nq	98
70) Pentachlorophenol	16.72	266	26308	77.697	nq	100
71) Phenanthrene	17.12	178	98310	39.720	nq	100
72) Anthracene	17.20	178	99978	40.582	nq	100
73) Carbazole	17.48	167	85386	38.078	nq	99
74) Di-n-butylphthalate	18.03	149	104040	38.087	nq	100
75) Fluoranthene	19.13	202	104857	37.136	nq	99
77) Benzidine	19.33	184	43909	38.497	nq	99
78) Pyrene	19.50	202	104227	42.650	nq	100
80) Butylbenzylphthalate	20.40	149	39660	39.940	nq	98
81) Benzo(a)anthracene	21.25	228	88422	38.786	nq	100
82) 3,3'-Dichlorobenzidine	21.19	252	19122	22.431	nq	99
83) Chrysene	21.30	228	84236	38.684	nq	99
84) Bis(2-ethylhexyl)phthalate	21.17	149	54227	39.469	nq	100
85) Di-n-octyl phthalate	22.05	149	84051	37.908	nq	99
86) Indeno(1,2,3-cd)pyrene	25.76	276	83842	33.891	nq	100
88) Benzo(b)fluoranthene	22.83	252	76948	40.260	nq	99
89) Benzo(k)fluoranthene	22.87	252	78376	44.718	nq	99
90) Benzo(a)pyrene	23.41	252	73157	41.828	nq	100
91) Dibenzo(a,h)anthracene	25.77	278	70360	40.071	nq	99
92) Benzo(g,h,i)perylene	26.46	276	69323	39.921	nq	99

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

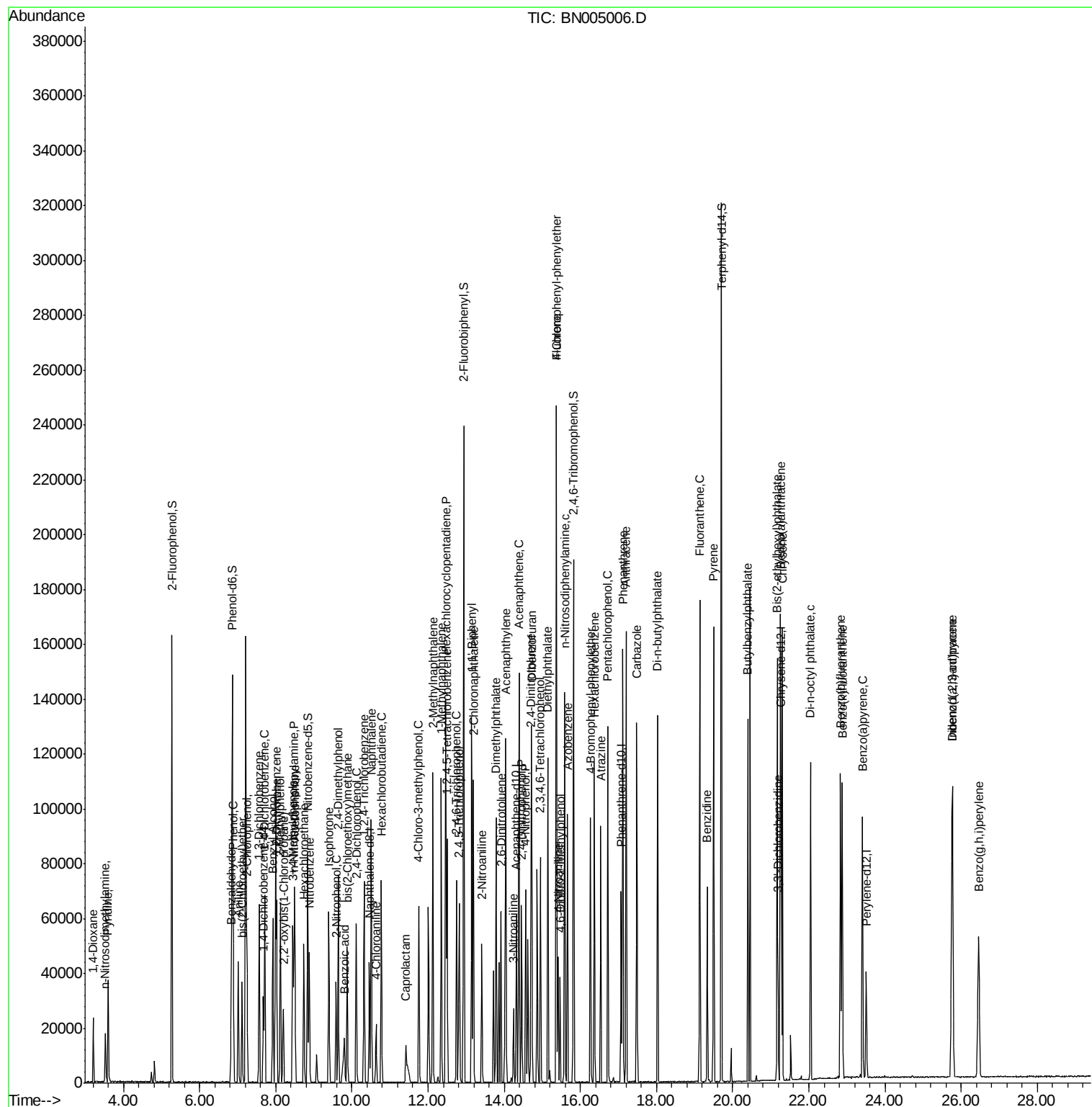
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032719\
Data File : BN005006.D
Acq On : 27 Mar 2019 22:13
Operator : JU/SJ
Sample : PB118091BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

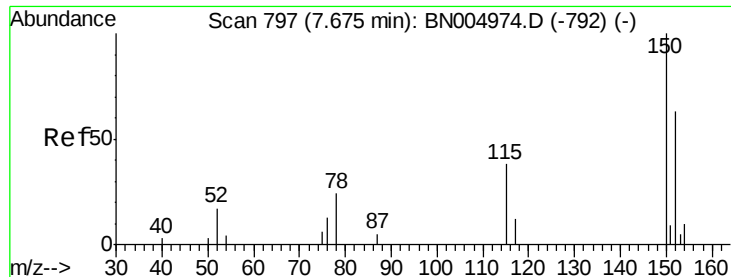
Instrument :
BNA_N
ClientSampleId :
PB118091BS

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM

Quant Time: Mar 28 05:31:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN032619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 27 05:27:09 2019
Response via : Initial Calibration





#1

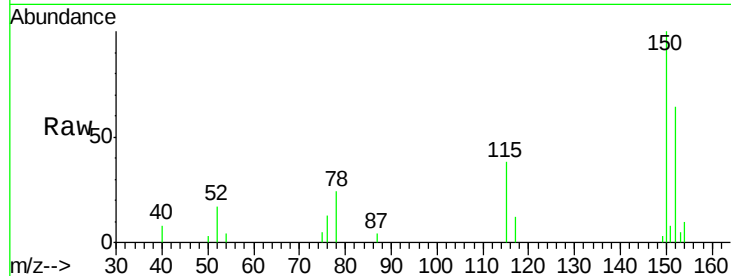
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.68 min Scan# 797
Delta R.T. 0.00 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

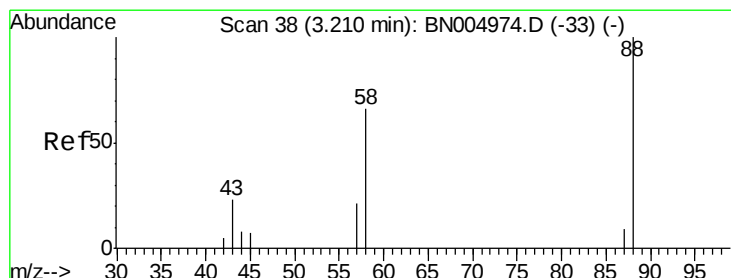
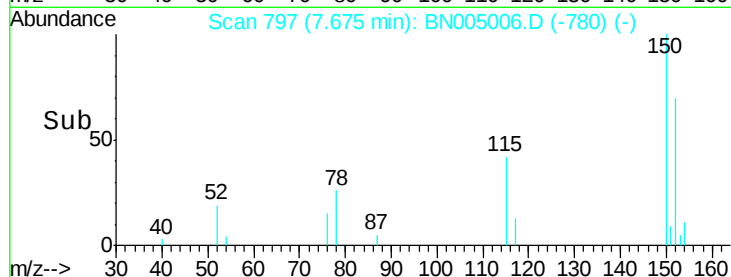
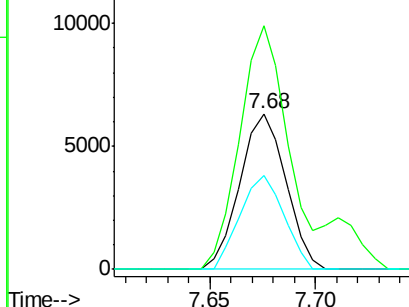
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	126.9	190.3
115	60.0	47.8	71.6

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



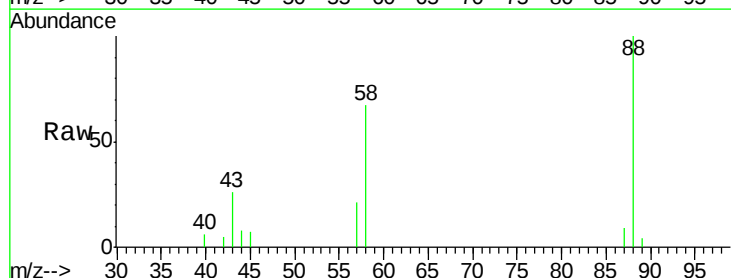
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



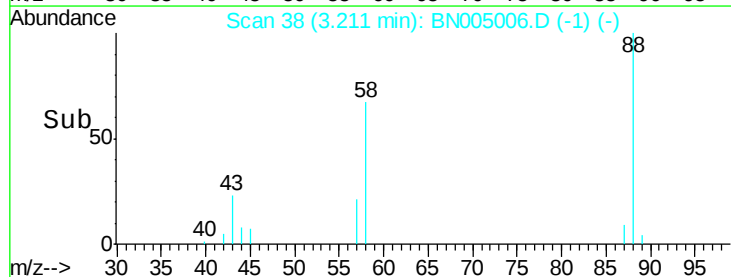
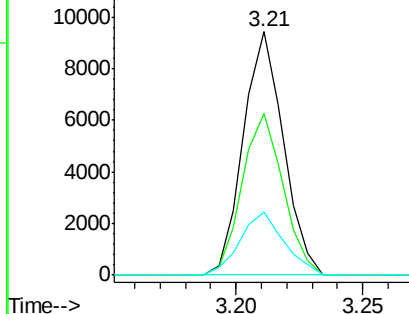
#2

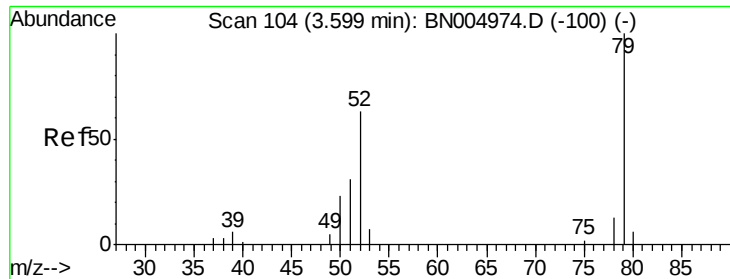
1,4-Dioxane
Concen: 51.628 ng
RT: 3.21 min Scan# 38
Delta R.T. 0.00 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.8	51.0	76.6
43	28.5	16.7	25.1



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





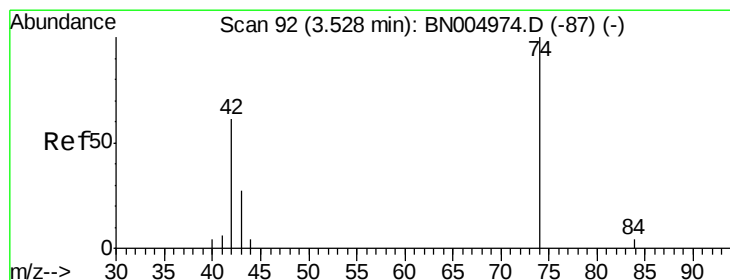
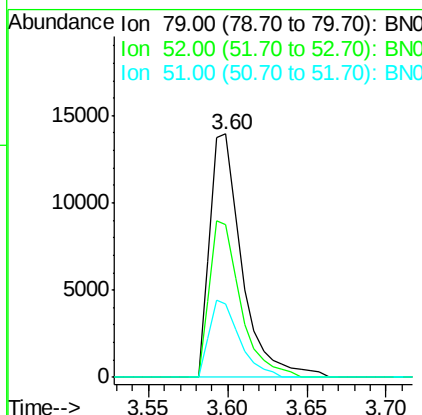
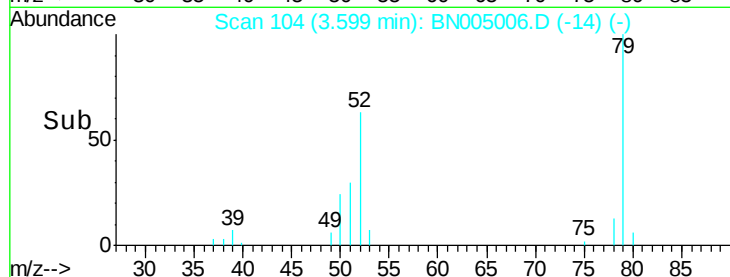
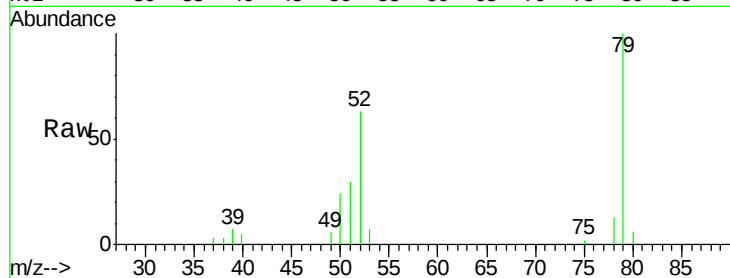
#3
 Pvridine
 Concen: 35.139 ng
 RT: 3.60 min Scan# 104
 Delta R.T. 0.00 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BS

Tot Ion	Ratio	Lower	Upper
79	100		
52	62.9	50.2	75.4
51	30.2	25.0	37.4

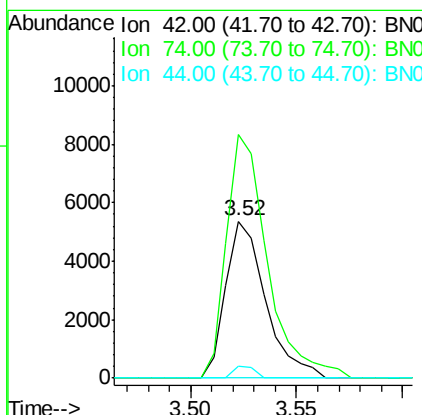
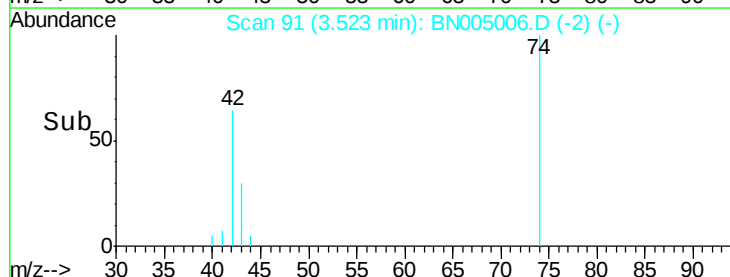
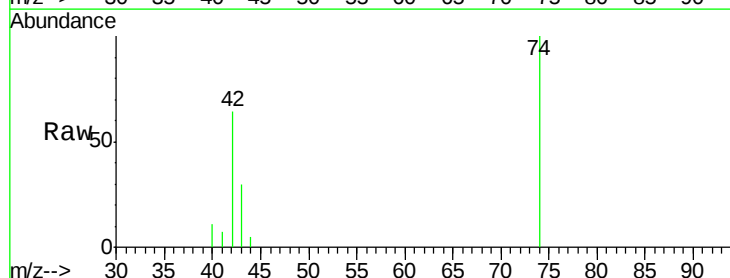
Manual Integrations
 APPROVED

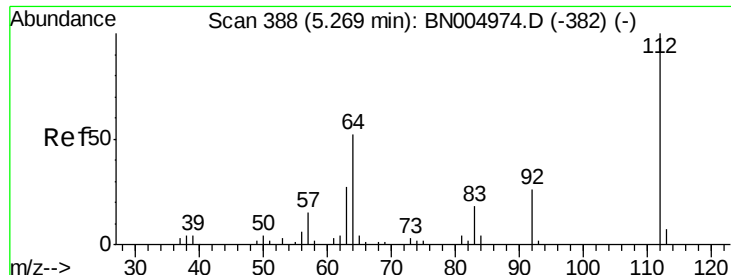
Sohil
 3/28/2019 5:10:21 PM



#4
 n-Nitrosodimethylamine
 Concen: 38.243 ng
 RT: 3.52 min Scan# 91
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
42	100		
74	155.4	130.8	196.2
44	7.6	5.7	8.5





#5

2-Fluorophenol

Concen: 132.283 ng

RT: 5.27 min Scan# 388

Delta R.T. 0.00 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

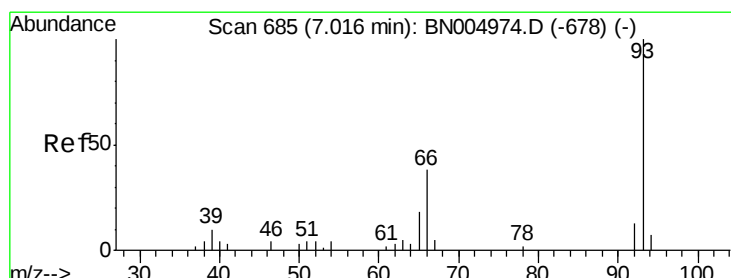
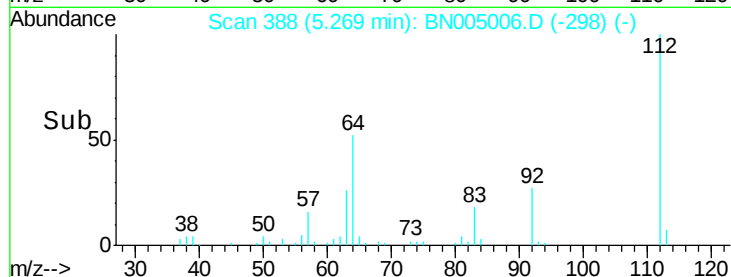
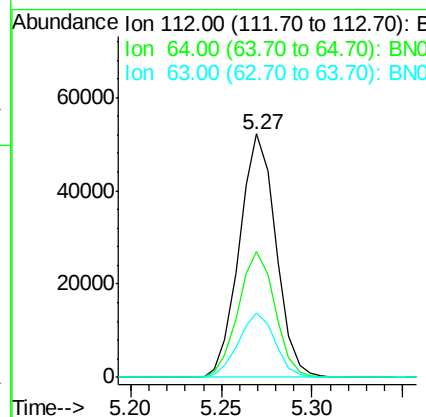
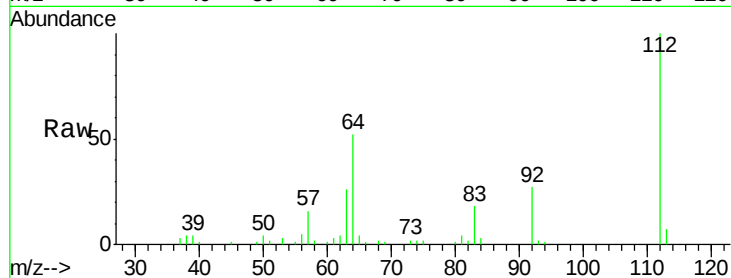
ClientSampleId :

PB118091BS

Tot Ion:	112	Resp:	73192
Ion Ratio	Lower	Upper	
112	100		
64	51.8	41.9	62.9
63	26.4	21.4	32.0

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



#6

Aniline

Concen: 32.115 ng

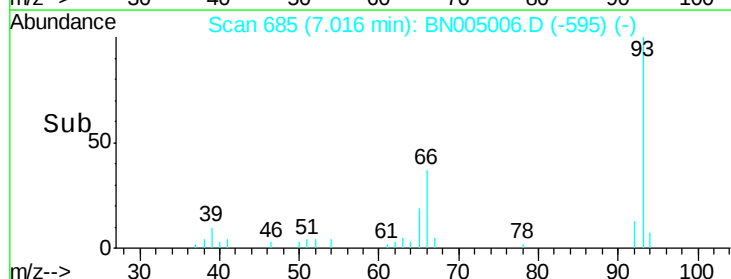
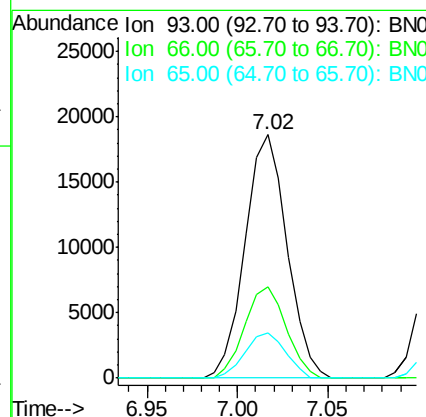
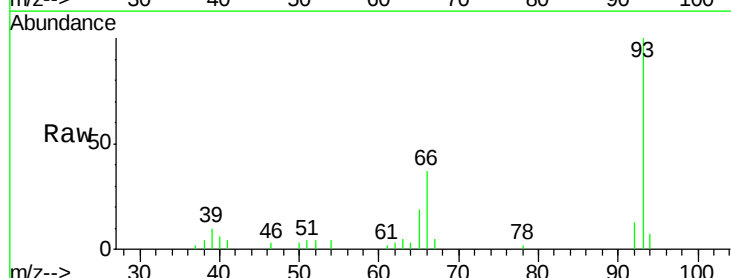
RT: 7.02 min Scan# 685

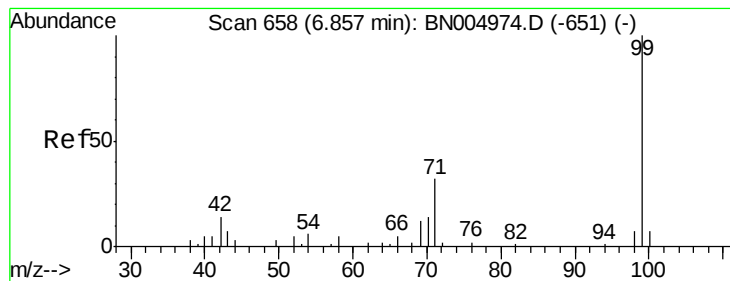
Delta R.T. 0.00 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Tgt Ion:	93	Resp:	30012
Ion Ratio	Lower	Upper	
93	100		
66	37.4	30.2	45.4
65	18.8	14.7	22.1





#7

Phenol-d6

Concen: 125.331 ng

RT: 6.86 min Scan# 658

Delta R.T. 0.00 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

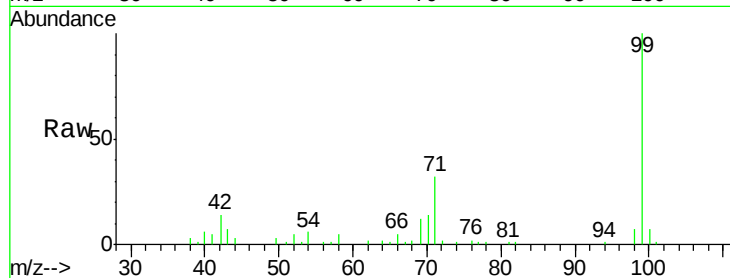
ClientSampleId :

PB118091BS

Tot Ion:	99	Resp:	91976
Ion	Ratio	Lower	Upper
99	100		
42	14.2	11.4	17.0
71	32.4	25.8	38.8

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM

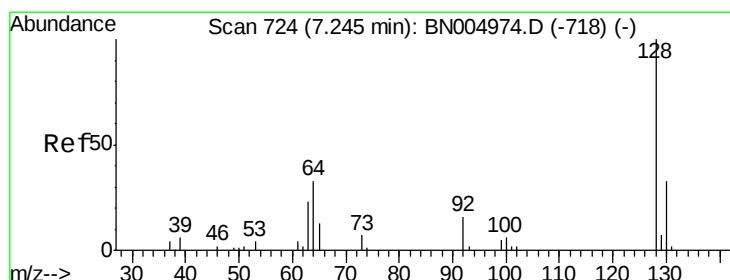
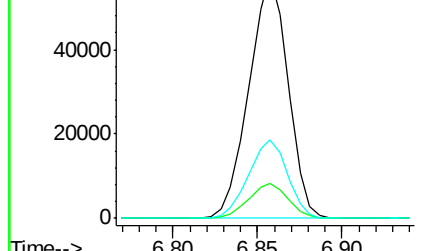
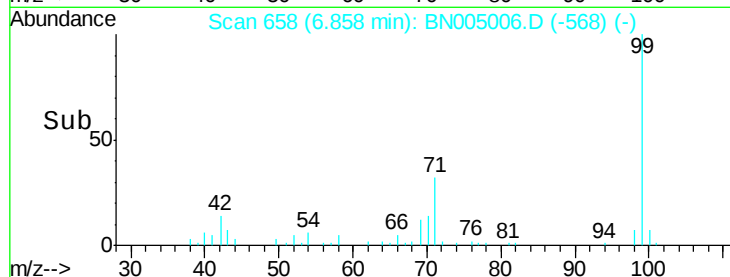


Abundance Ion 99.00 (98.70 to 99.70): BN004974.D (-651) (-)

Ion 42.00 (41.70 to 42.70): BN004974.D (-651) (-)

Ion 71.00 (70.70 to 71.70): BN004974.D (-651) (-)

Time-->



#8

2-Chlorophenol

Concen: 39.174 ng

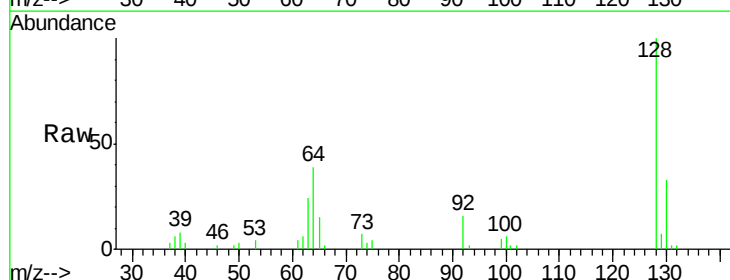
RT: 7.25 min Scan# 724

Delta R.T. 0.00 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Tgt Ion:	128	Resp:	27515
Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.9	52.9
64	39.4	19.9	59.9

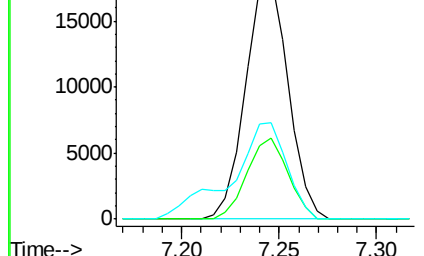
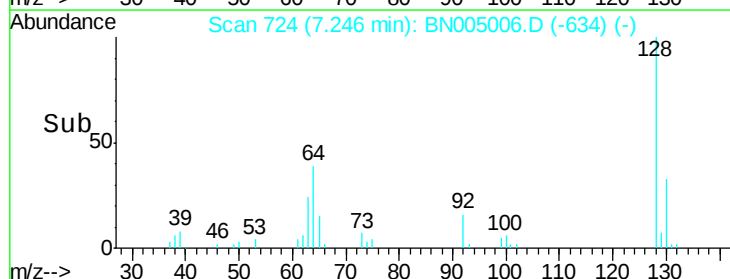


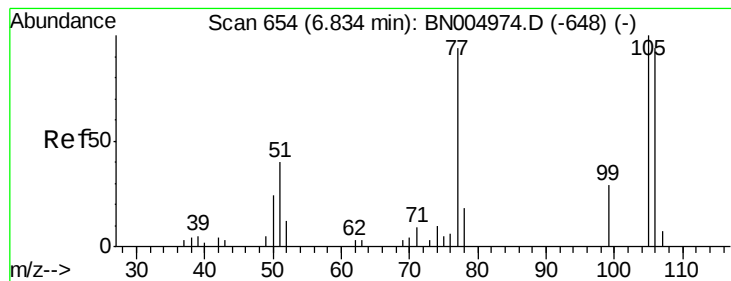
Abundance Ion 128.00 (127.70 to 128.70): BN004974.D (-718) (-)

Ion 130.00 (129.70 to 130.70): BN004974.D (-718) (-)

Ion 64.00 (63.70 to 64.70): BN004974.D (-718) (-)

Time-->





#9

Benzaldehyde

Concen: 21.119 ng

RT: 6.83 min Scan# 653

Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

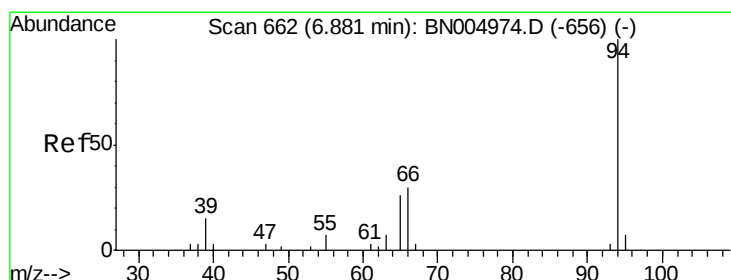
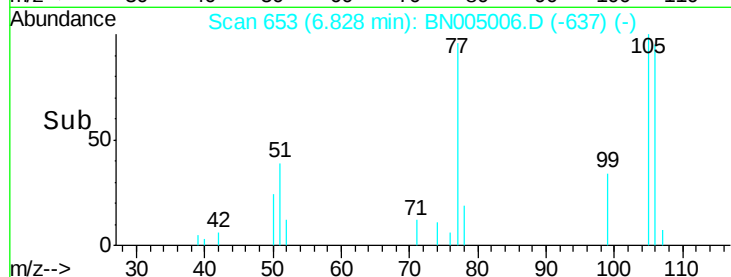
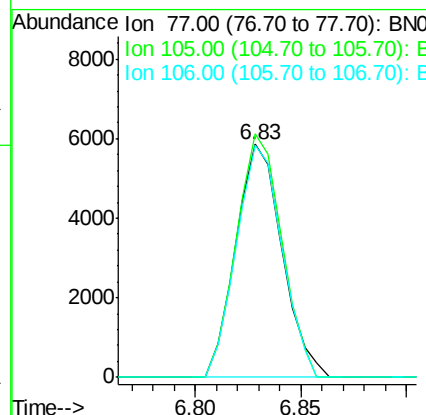
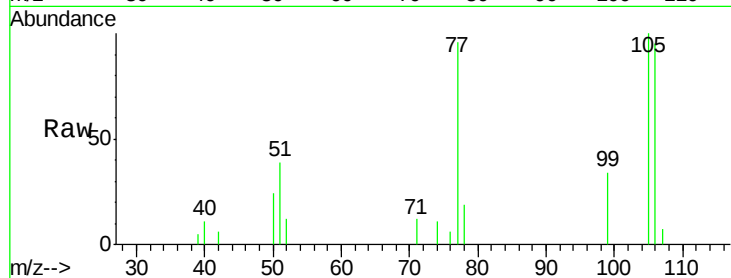
ClientSampleId :

PB118091BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	104.5	86.1	126.1		
106	99.6	79.9	119.9		

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



#10

Phenol

Concen: 39.069 ng

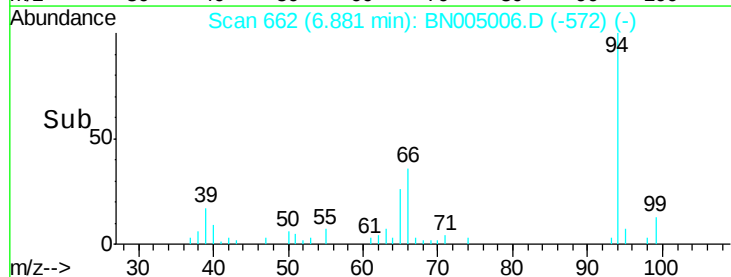
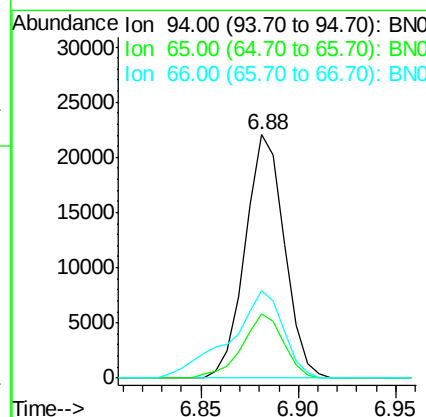
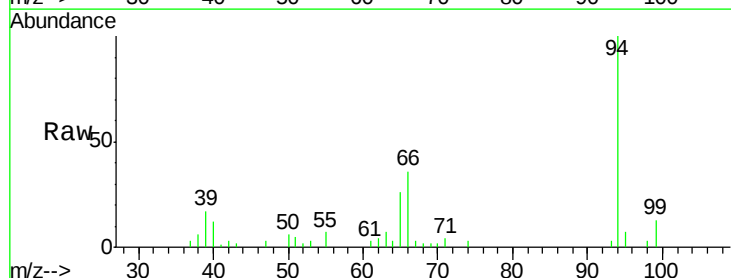
RT: 6.88 min Scan# 662

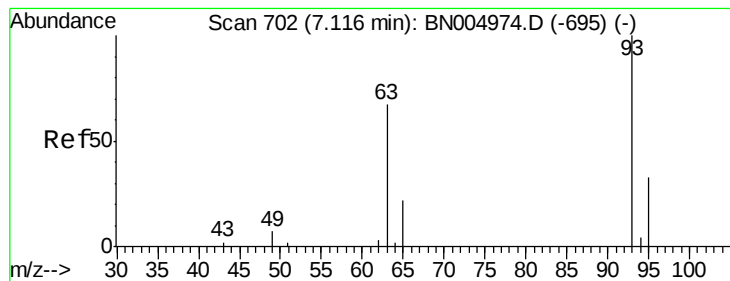
Delta R.T. 0.00 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	26.3	5.7	45.7		
66	36.1	14.8	54.8		





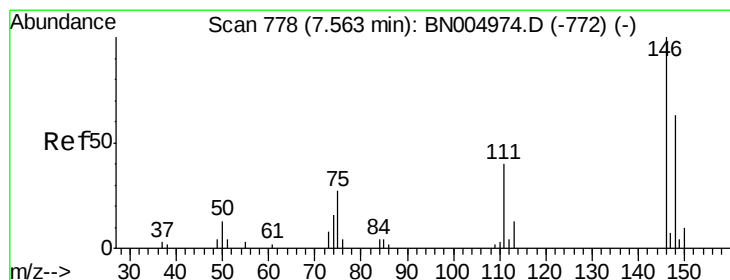
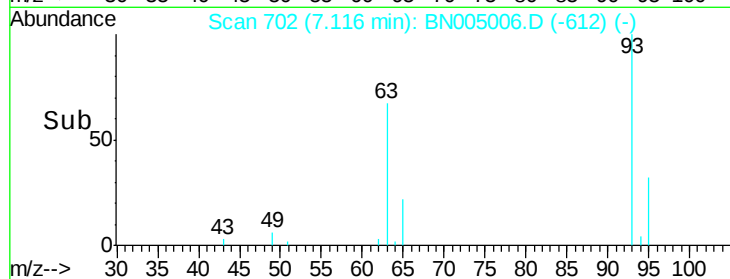
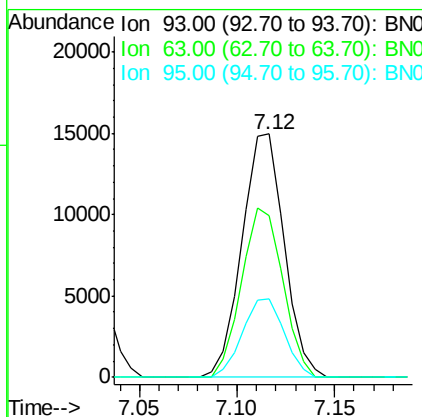
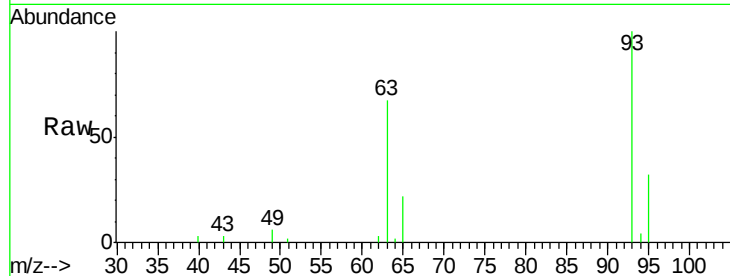
#11
bis(2-Chloroethyl)ether
Concen: 36.897 ng
RT: 7.12 min Scan# 702
Delta R.T. 0.00 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	66.6	47.0	87.0
95	32.0	12.7	52.7

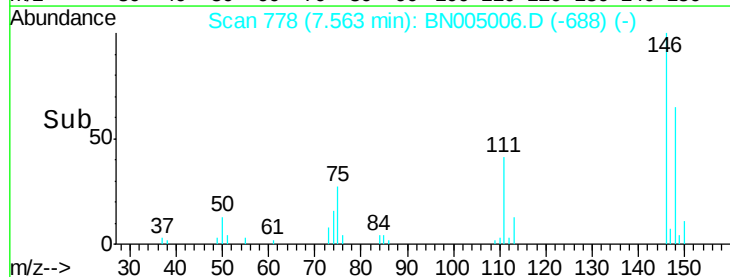
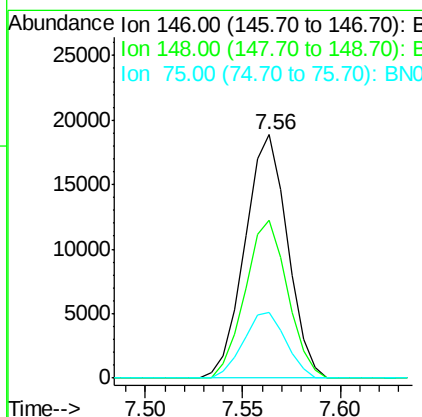
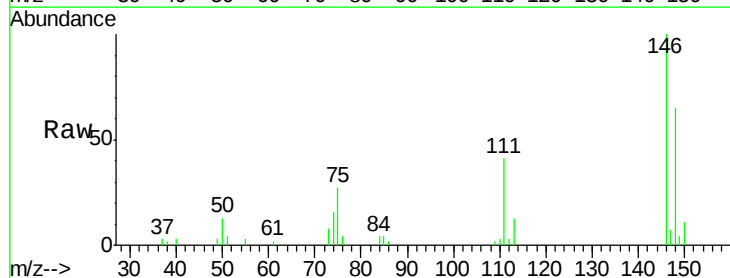
Manual Integrations
APPROVED

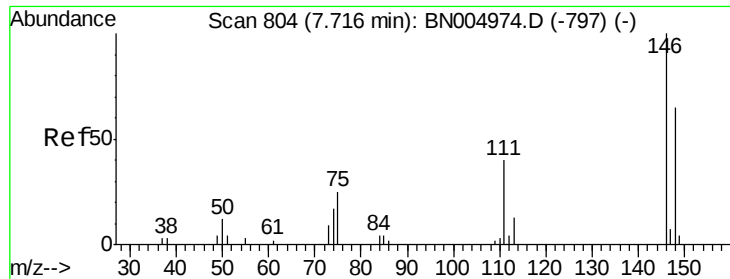
Sohil
3/28/2019 5:10:21 PM



#12
1,3-Dichlorobenzene
Concen: 37.288 ng
RT: 7.56 min Scan# 778
Delta R.T. 0.00 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	52.0	78.0
75	26.8	22.0	33.0





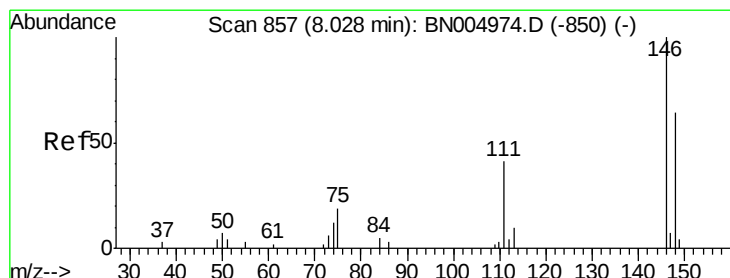
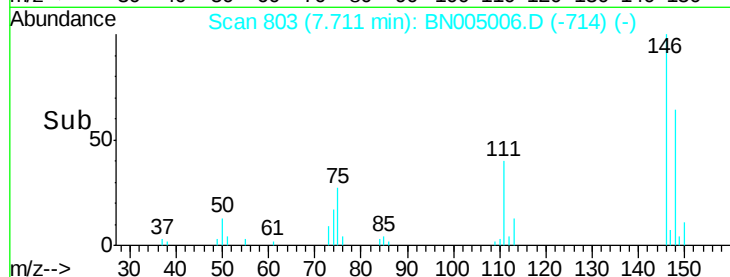
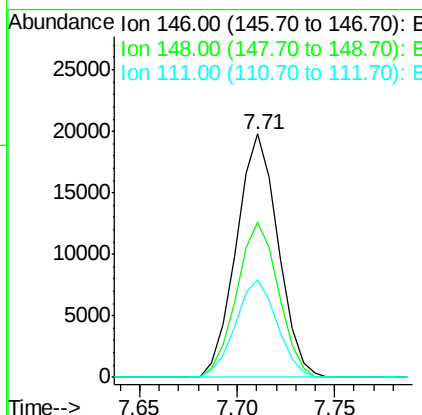
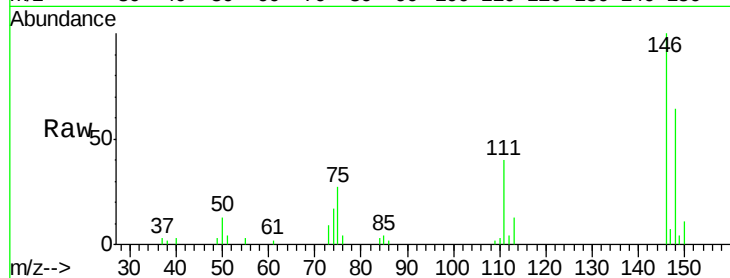
#13
 1,4-Dichlorobenzene
 Concen: 37.777 ng
 RT: 7.71 min Scan# 803
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Instrument :
 BNA_N
 ClientSampled :
 PB118091BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.4	77.2
111	40.1	32.6	49.0

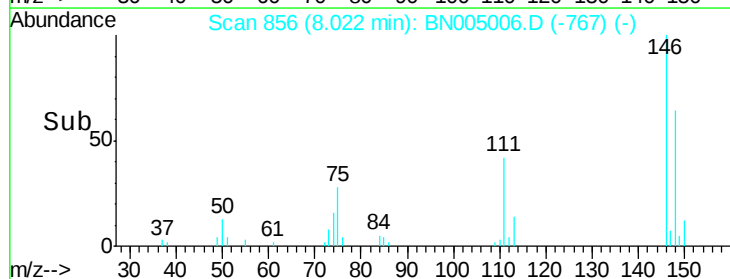
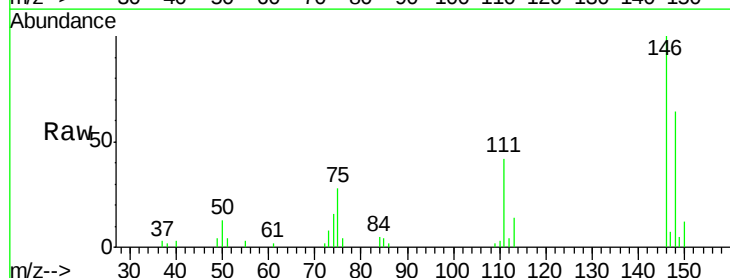
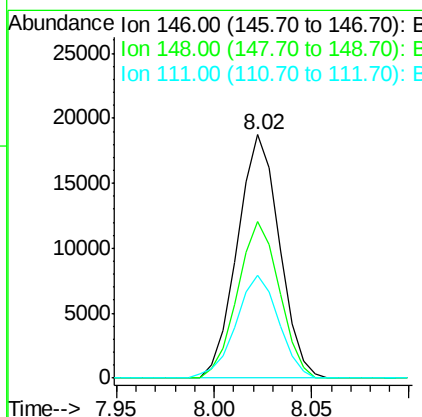
Manual Integrations
 APPROVED

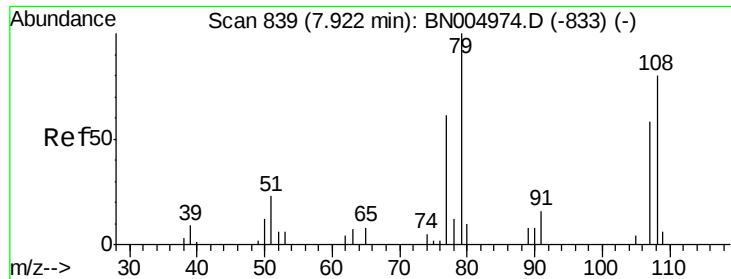
Sohil
 3/28/2019 5:10:21 PM



#14
 1,2-Dichlorobenzene
 Concen: 37.766 ng
 RT: 8.02 min Scan# 856
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.4	51.4	77.2
111	42.1	32.6	49.0





#15

Benzyl Alcohol

Concen: 36.674 ng

RT: 7.92 min Scan# 839

Delta R.T. 0.00 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

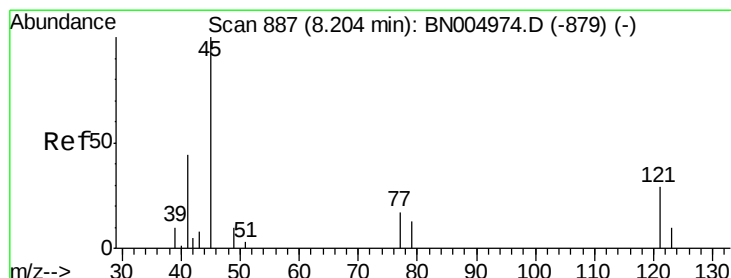
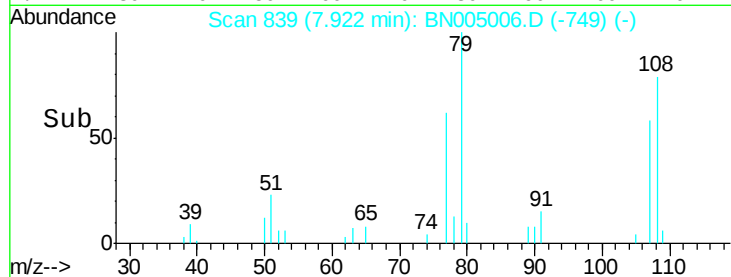
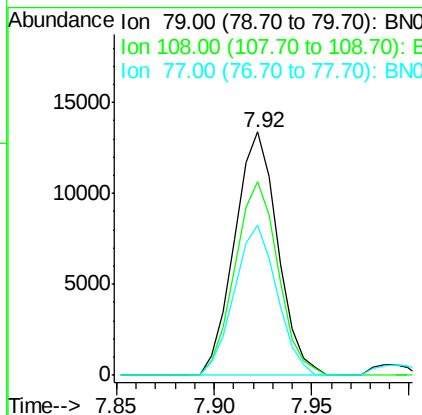
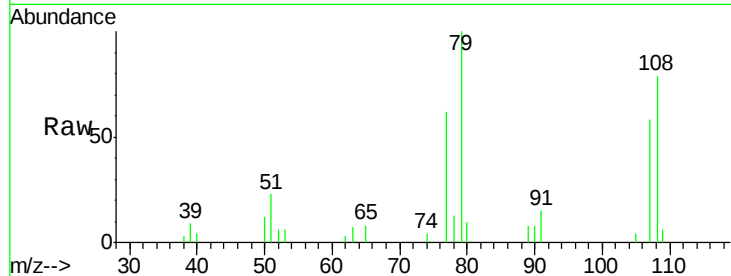
ClientSampleId :

PB118091BS

Tot Ion:	79	Resp:	20476
Ion Ratio	Lower	Upper	
79	100		
108	79.4	64.0	96.0
77	61.5	48.8	73.2

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.538 ng

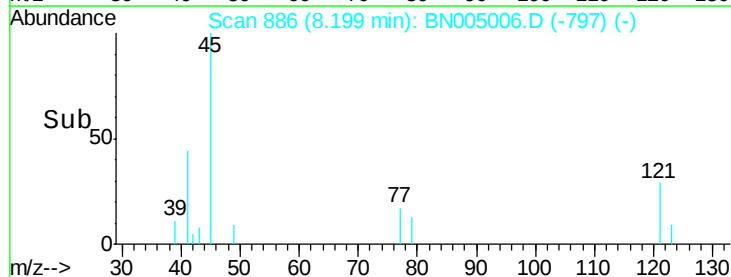
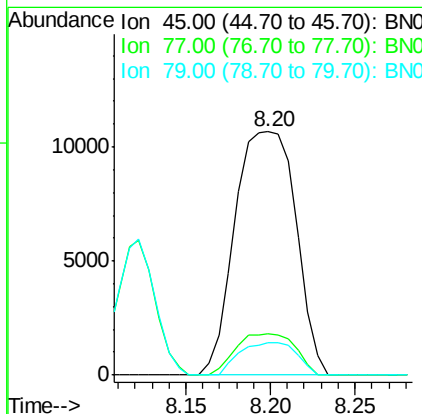
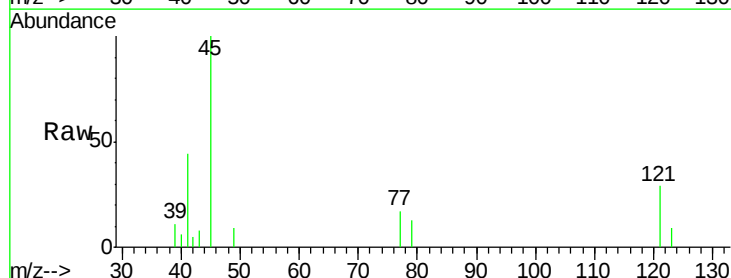
RT: 8.20 min Scan# 886

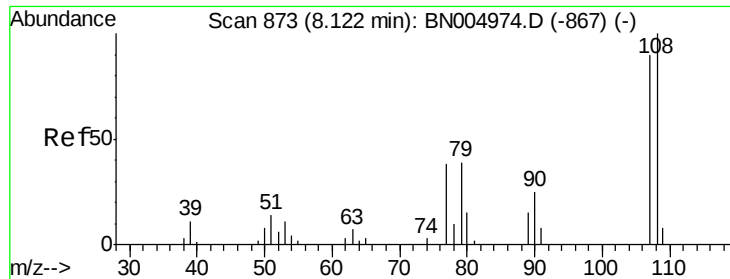
Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Tgt Ion:	45	Resp:	26807
Ion Ratio	Lower	Upper	
45	100		
77	16.8	0.0	36.9
79	13.1	0.0	33.3





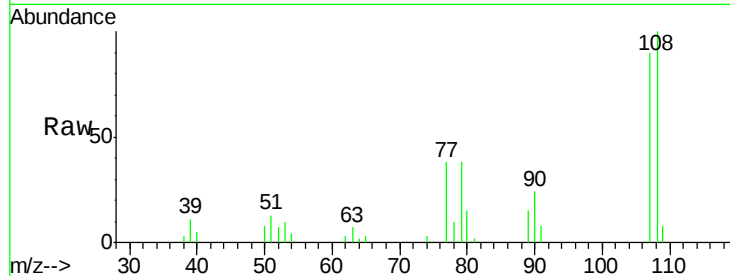
#17
2-Methylphenol
Concen: 39.335 ng
RT: 8.12 min Scan# 873
Delta R.T. 0.00 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

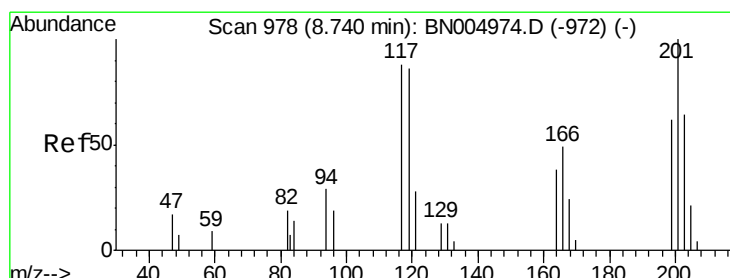
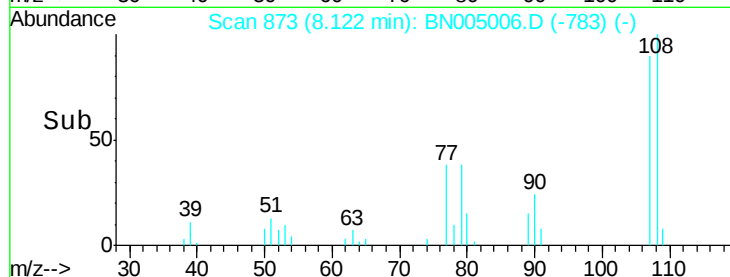
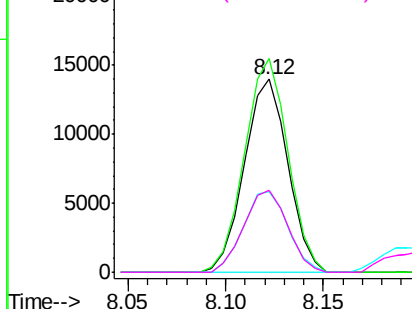
Tot Ion:	107	Resp:	21564
Ion	Ratio	Lower	Upper
107	100		
108	110.6	88.8	133.2
77	42.1	34.2	51.2
79	42.5	34.8	52.2

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



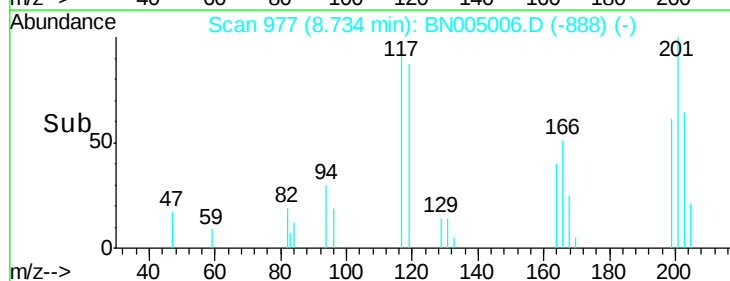
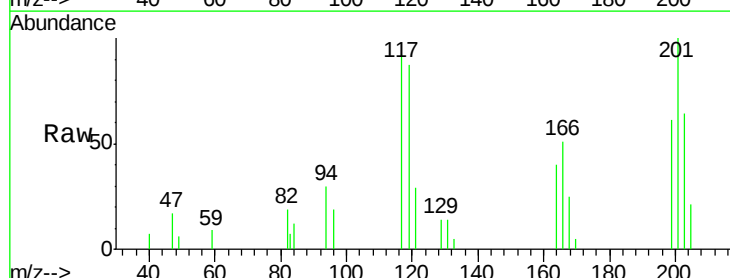
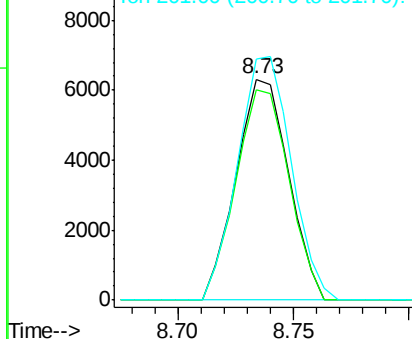
Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BNC
Ion 79.00 (78.70 to 79.70): BNC

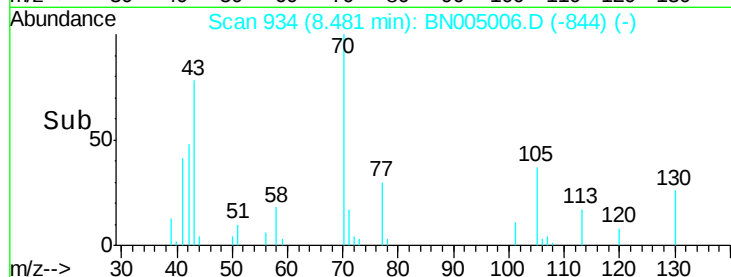
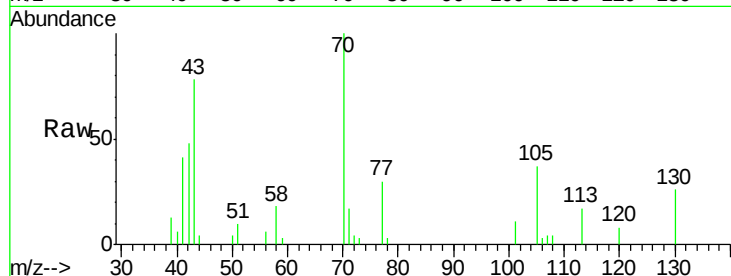
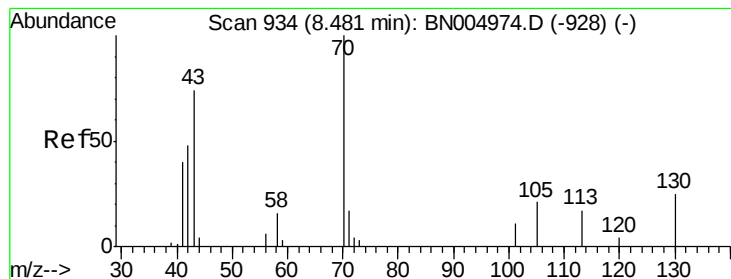


#18
Hexachloroethane
Concen: 36.531 ng
RT: 8.73 min Scan# 977
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion:	117	Resp:	10030
Ion	Ratio	Lower	Upper
117	100		
119	95.3	77.5	116.3
201	109.2	90.5	135.7

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: 35.320 ng

RT: 8.48 min Scan# 934

Delta R.T. 0.00 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

ClientSampleId :

PB118091BS

Tot Ion: 70 Resp: 16992

Ion Ratio Lower Upper

70 100

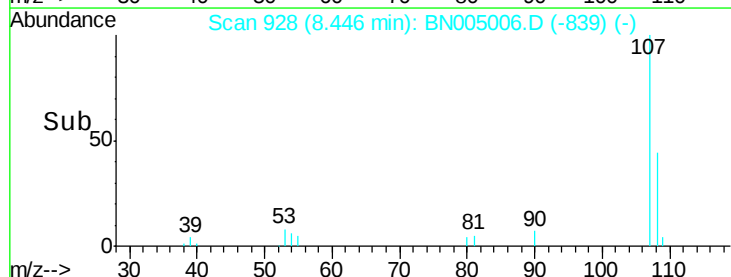
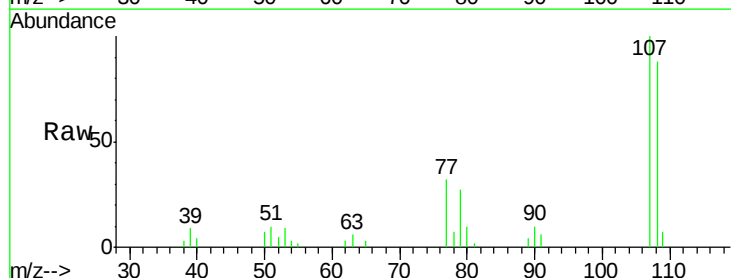
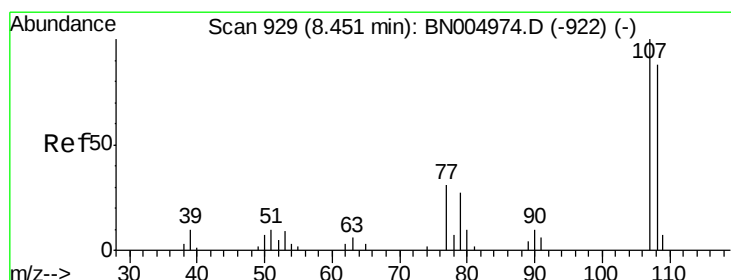
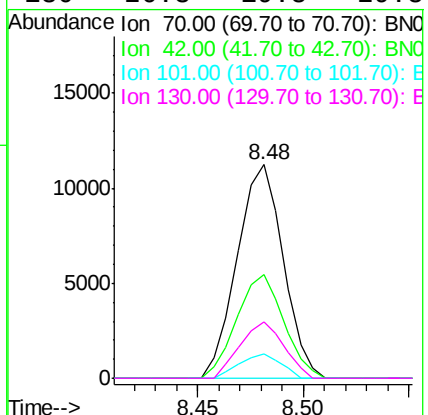
42 48.3 38.4 57.6

101 11.1 8.8 13.2

130 26.3 19.8 29.8

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



#20

3+4-Methylphenols

Concen: 38.534 ng

RT: 8.45 min Scan# 928

Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Tgt Ion: 107 Resp: 28682

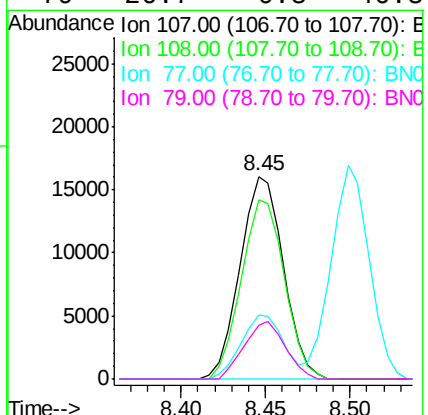
Ion Ratio Lower Upper

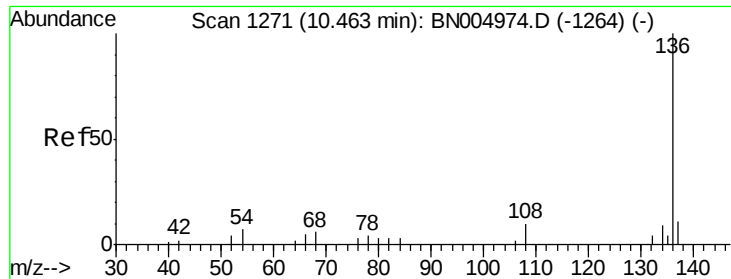
107 100

108 88.5 67.9 107.9

77 31.6 10.6 50.6

79 26.7 6.8 46.8





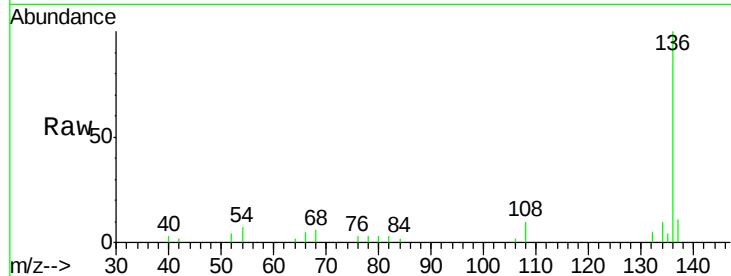
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

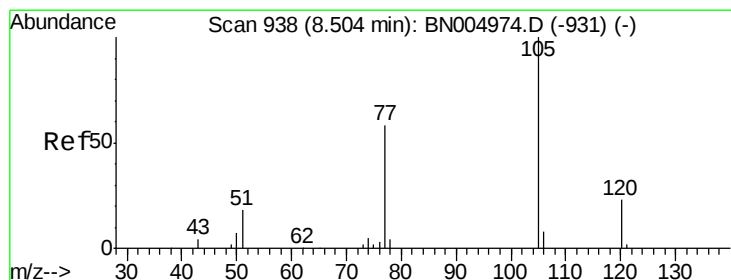
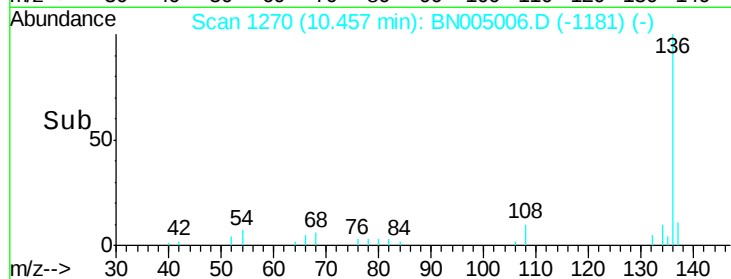
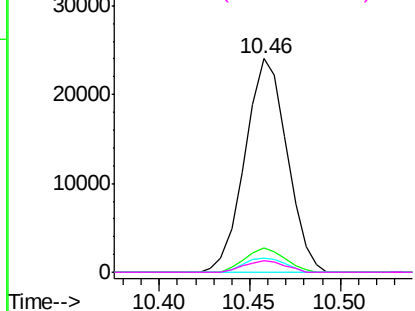
Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	6.6	5.3	7.9	
68	5.5	4.6	6.8	

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



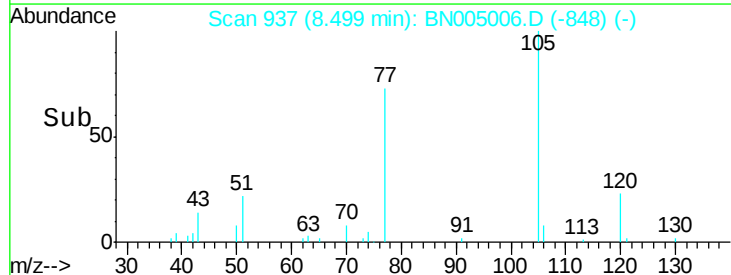
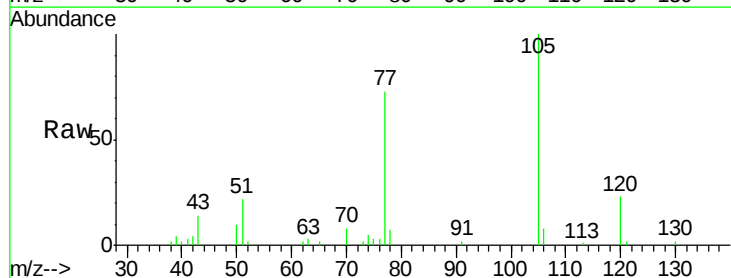
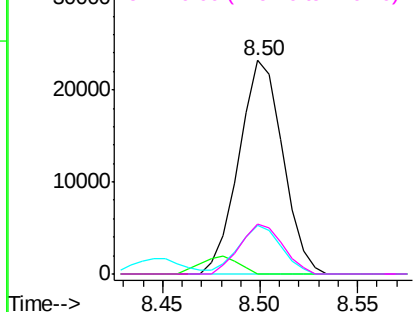
Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BNC
Ion 68.00 (67.70 to 68.70): BNC

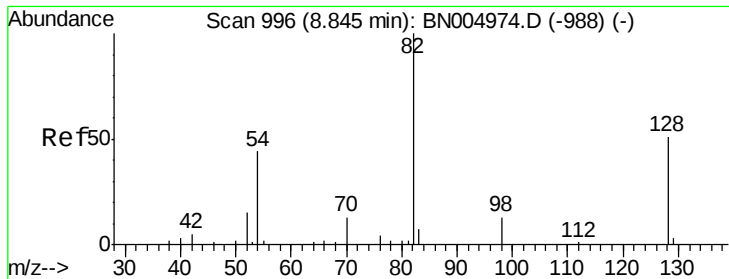


#22
Acetophenone
Concen: 40.872 ng
RT: 8.50 min Scan# 937
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	0.0	0.0	0.0	
51	22.5	17.8	26.8	
120	23.2	18.6	27.8	

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





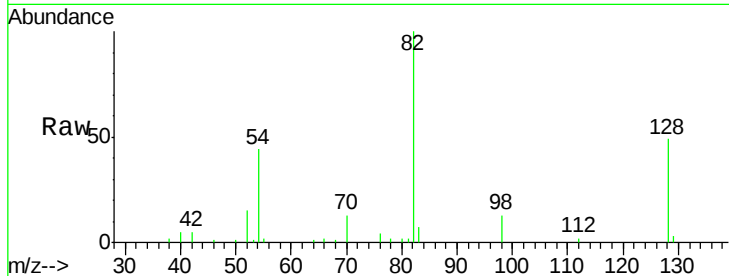
#23
Nitrobenzene-d5
Concen: 74.685 ng
RT: 8.84 min Scan# 995
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

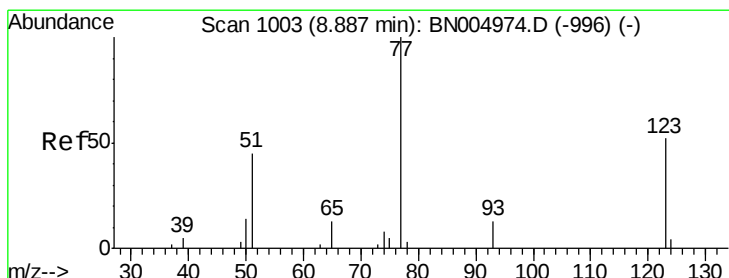
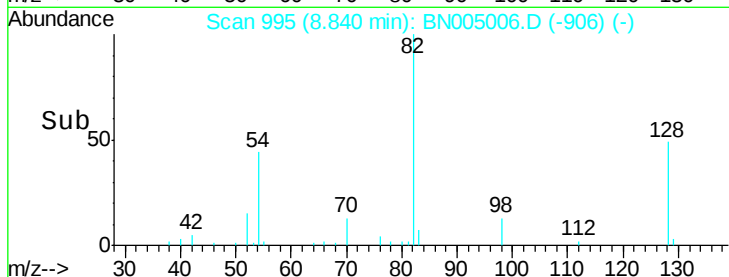
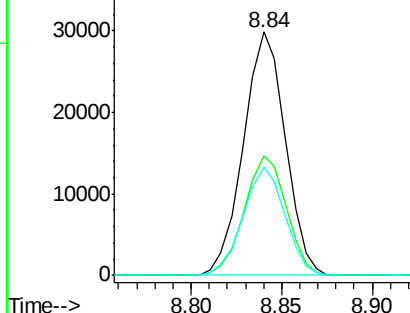
Tot Ion	Ratio	Lower	Upper
82	100		
128	49.0	40.6	60.8
54	44.2	35.2	52.8

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM

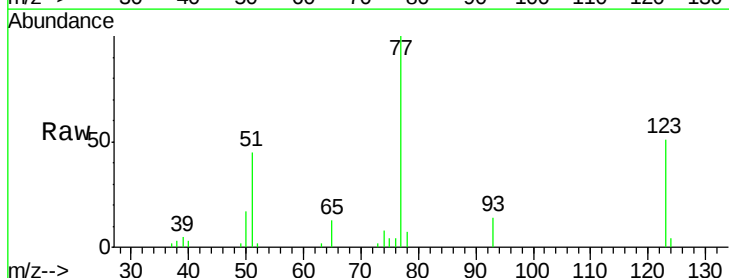


Abundance Ion 82.00 (81.70 to 82.70): BN0
Ion 128.00 (127.70 to 128.70): BN0
Ion 54.00 (53.70 to 54.70): BN0

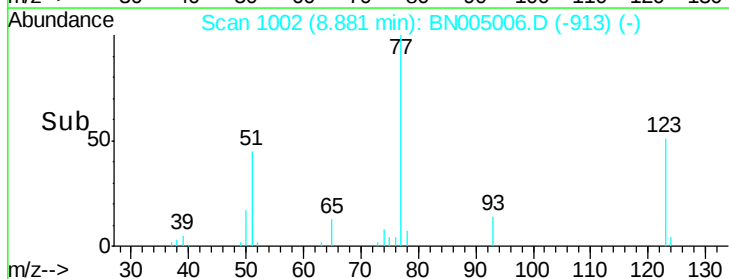
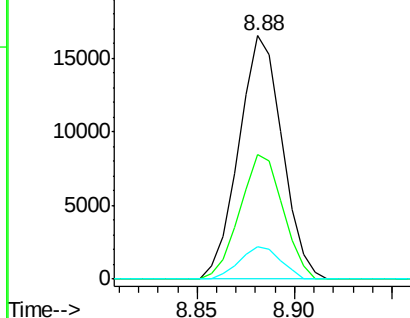


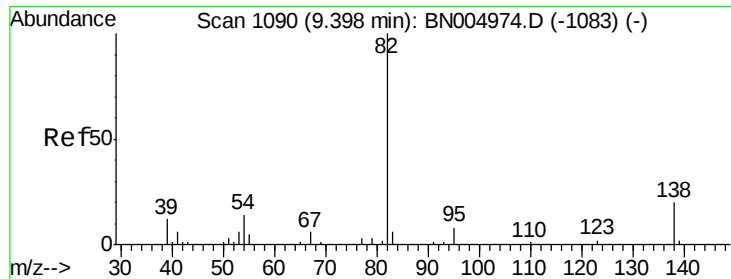
#24
Nitrobenzene
Concen: 39.276 ng
RT: 8.88 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.4	41.3	61.9
65	13.2	10.3	15.5



Abundance Ion 77.00 (76.70 to 77.70): BN0
Ion 123.00 (122.70 to 123.70): BN0
Ion 65.00 (64.70 to 65.70): BN0





#25

Isophorone

Concen: 37.616 ng

RT: 9.39 min Scan# 1089

Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

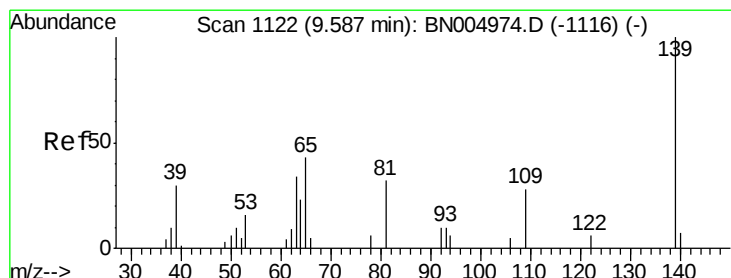
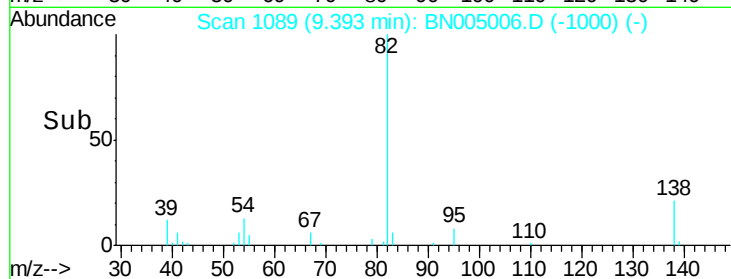
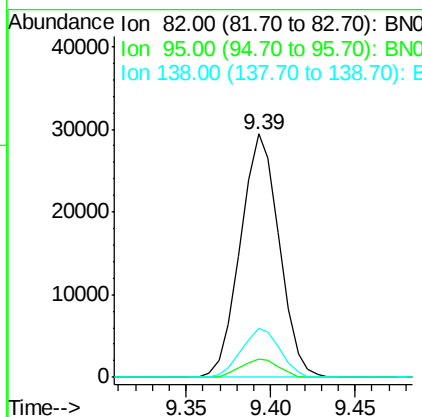
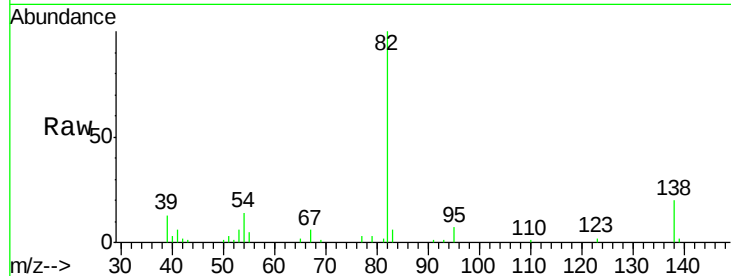
ClientSampleId :

PB118091BS

Tot Ion:	82	Resp:	47022
Ion Ratio	Lower	Upper	
82	100		
95	7.5	6.1	9.1
138	20.2	16.2	24.2

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



#26

2-Nitrophenol

Concen: 38.240 ng

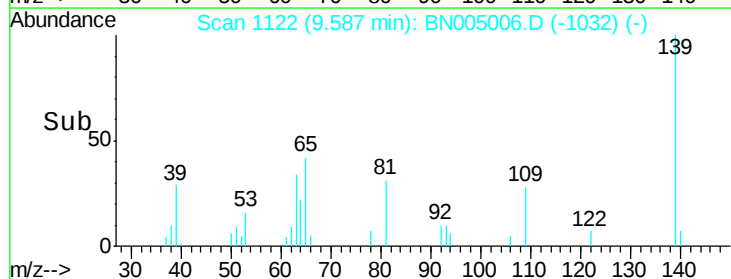
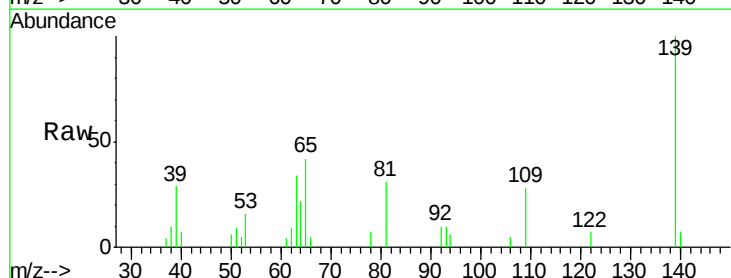
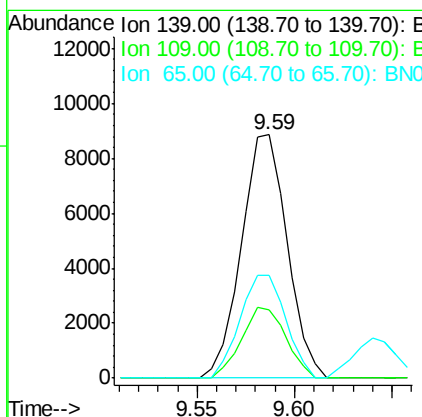
RT: 9.59 min Scan# 1122

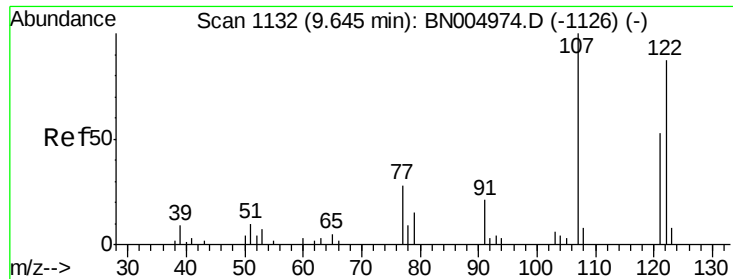
Delta R.T. 0.00 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Tgt Ion:	139	Resp:	14419
Ion Ratio	Lower	Upper	
139	100		
109	28.1	22.5	33.7
65	42.0	34.2	51.4





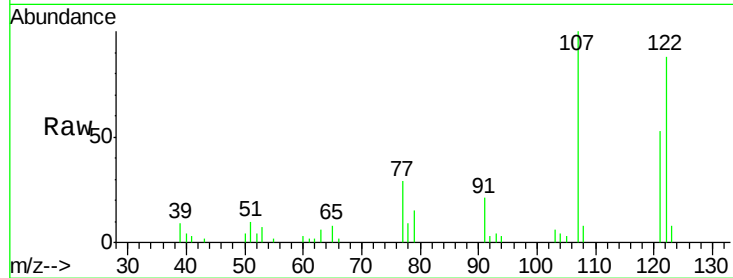
#27
2,4-Dimethylphenol
Concen: 46.345 ng
RT: 9.64 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

Tot Ion	Ratio	Lower	Upper
122	100		
107	114.3	91.6	137.4
121	60.4	48.2	72.2

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM

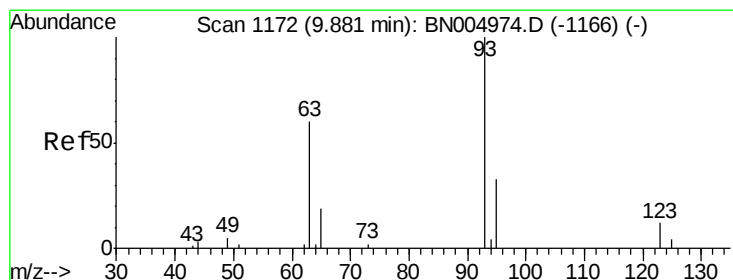
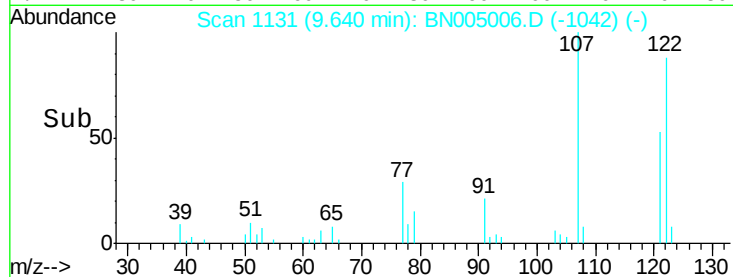
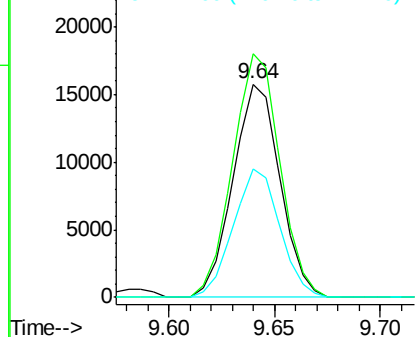


Abundance

Ion 122.00 (121.70 to 122.70): E

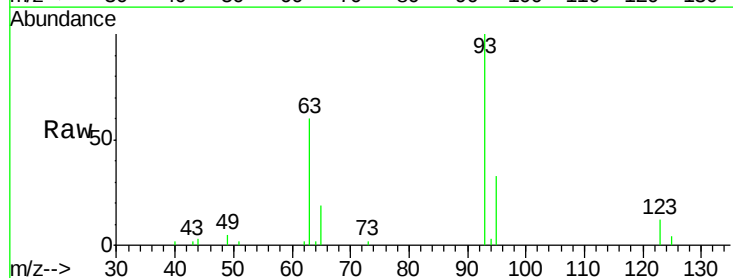
Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28
bis(2-Chloroethoxy)methane
Concen: 38.780 ng
RT: 9.88 min Scan# 1172
Delta R.T. 0.00 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	12.4	9.8	14.8

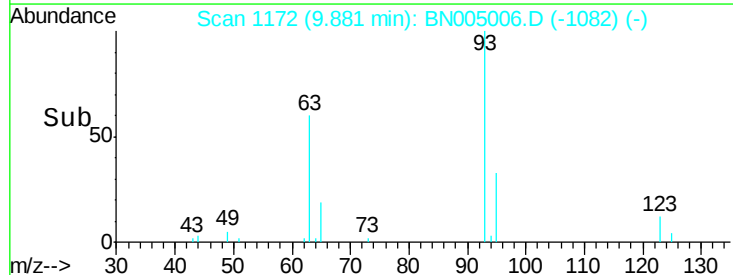
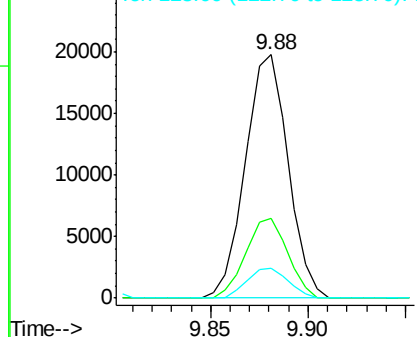


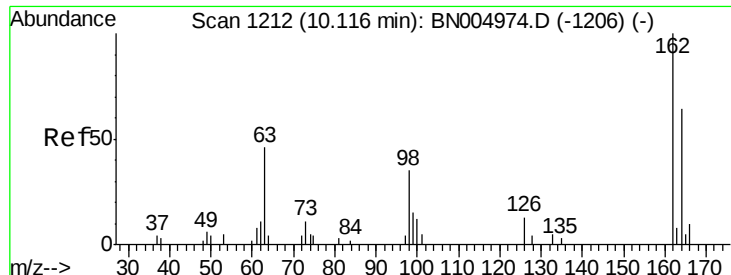
Abundance

Ion 93.00 (92.70 to 93.70): BNC

Ion 95.00 (94.70 to 95.70): BNC

Ion 123.00 (122.70 to 123.70): E





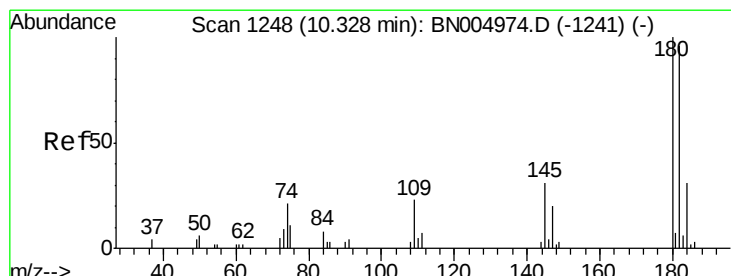
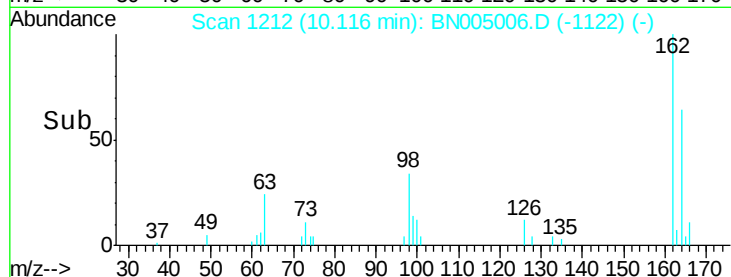
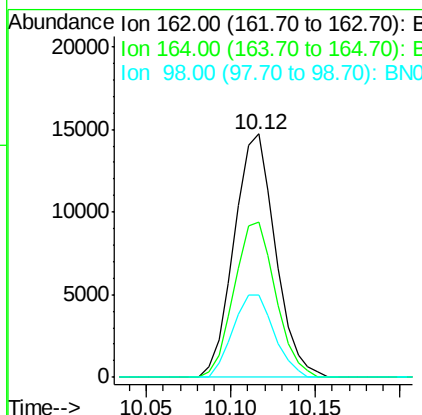
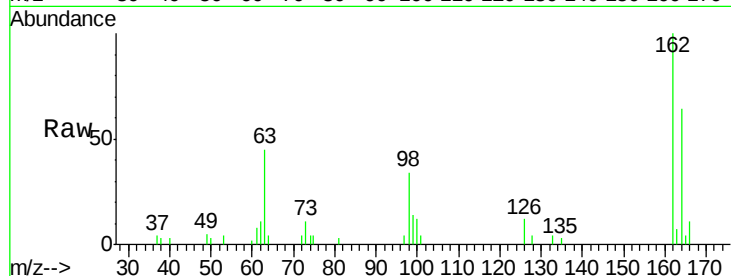
#29
 2,4-Dichlorophenol
 Concen: 41.604 ng
 RT: 10.12 min Scan# 1212
 Delta R.T. 0.00 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.3	84.3
98	33.6	15.3	55.3

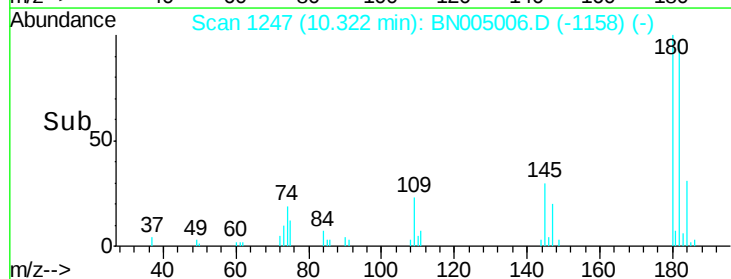
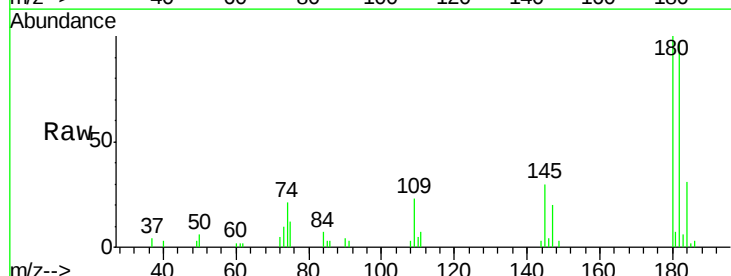
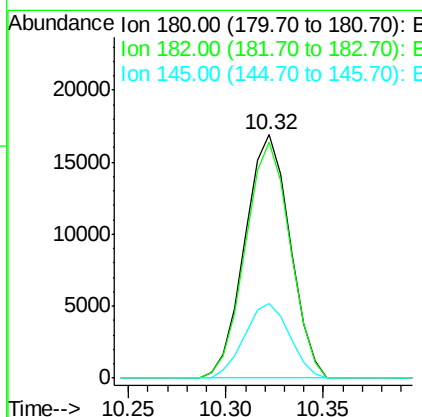
Manual Integrations
 APPROVED

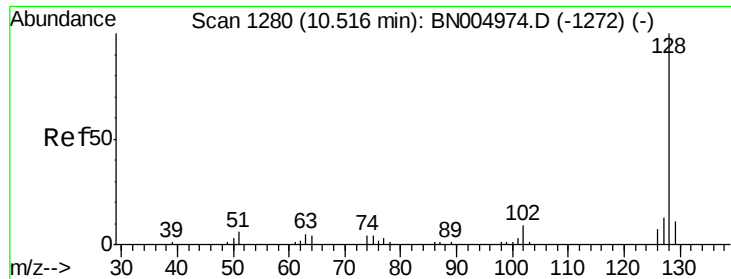
Sohil
 3/28/2019 5:10:21 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 40.675 ng
 RT: 10.32 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.1	76.6	114.8
145	30.4	24.6	37.0





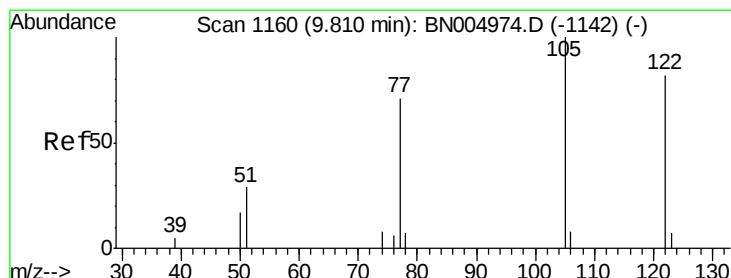
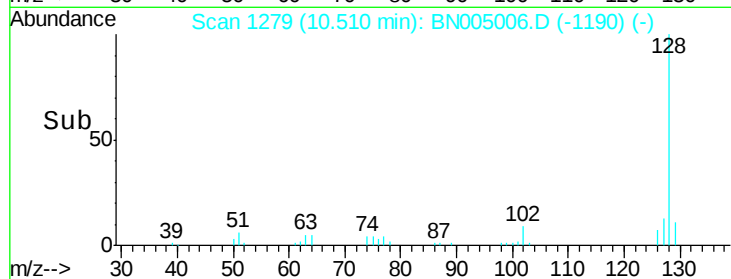
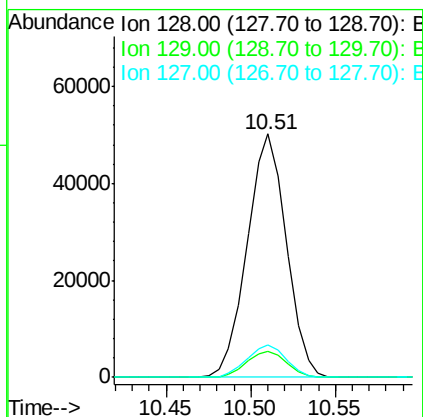
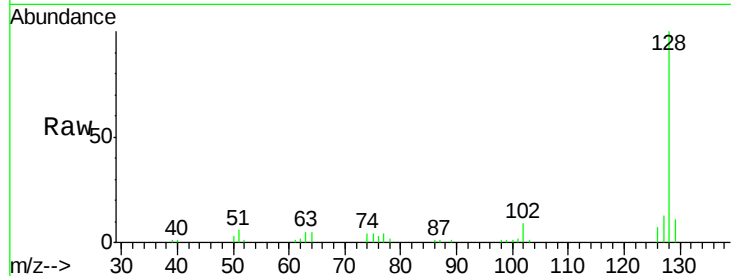
#31
Naphthalene
Concen: 39.851 ng
RT: 10.51 min Scan# 1279
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.5	10.8	16.2

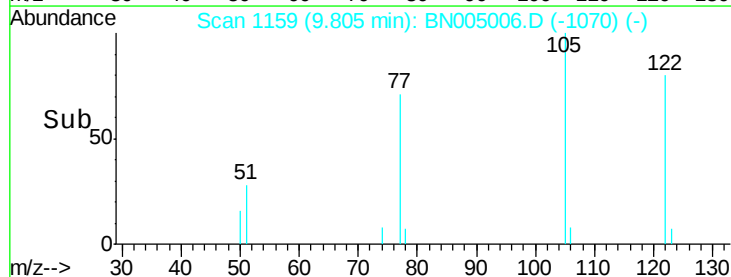
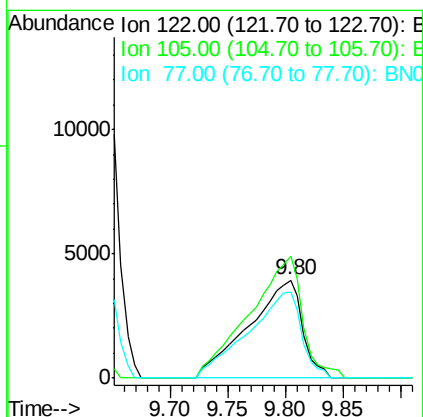
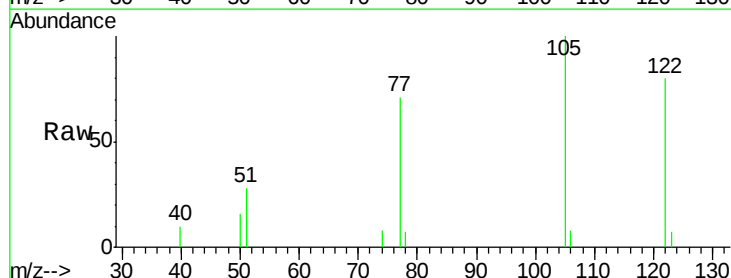
Manual Integrations
APPROVED

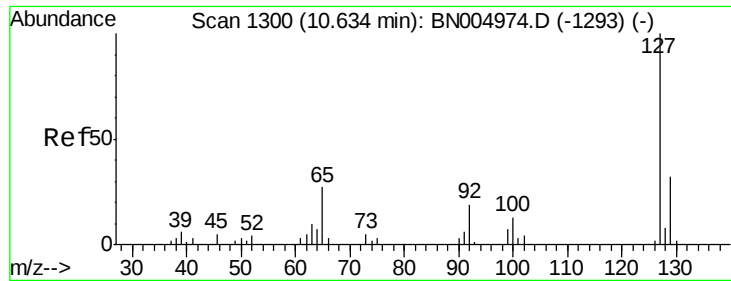
Sohil
3/28/2019 5:10:21 PM



#32
Benzoic acid
Concen: 32.194 ng
RT: 9.80 min Scan# 1159
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
122	100		
105	124.4	102.4	142.4
77	88.3	67.1	107.1





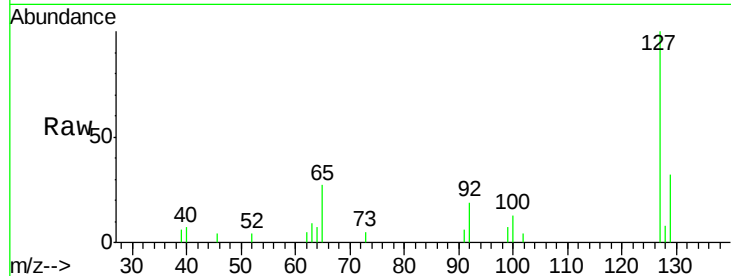
#33
4-Chloroaniline
Concen: 17.546 ng
RT: 10.63 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

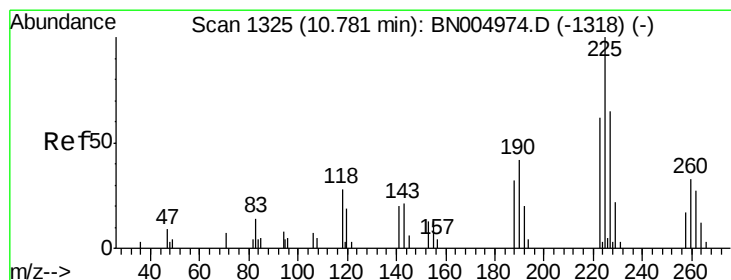
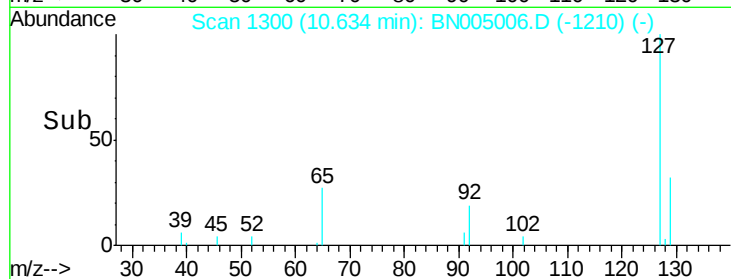
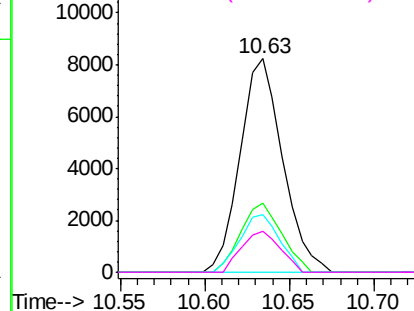
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.9	38.9
65	26.9	21.4	32.0
92	19.1	15.3	22.9

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM

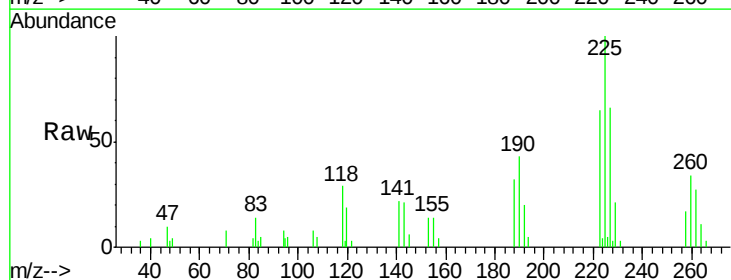


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BNC
Ion 92.00 (91.70 to 92.70): BNC

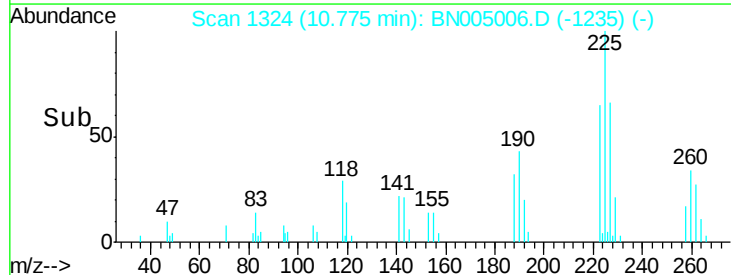
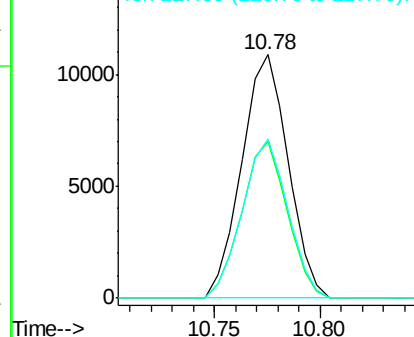


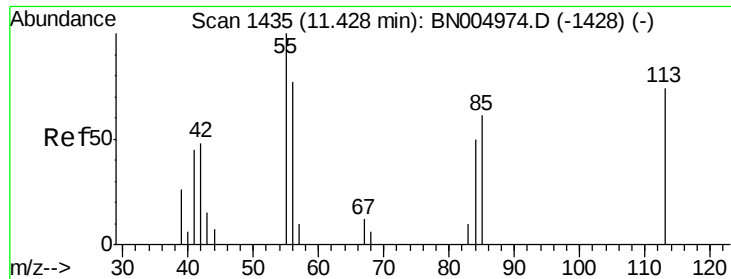
#34
Hexachlorobutadiene
Concen: 38.530 ng
RT: 10.78 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.5	49.7	74.5
227	65.5	52.0	78.0



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





#35

Caprolactam

Concen: 34.581 ng/mL

RT: 11.42 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

ClientSampleId :

PB118091BS

Tot Ion:113 Resp: 6832

Ion Ratio Lower Upper

113 100

55 130.0 115.8 155.8

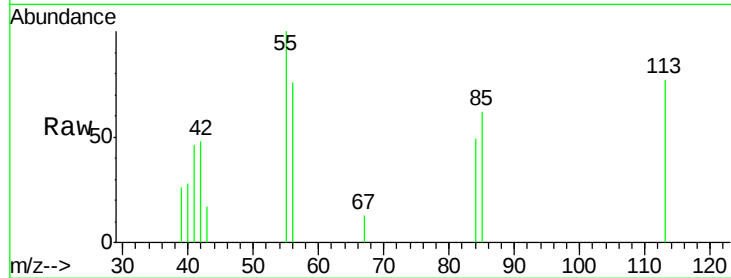
56 99.4 85.1 125.1

Manual Integrations

APPROVED

Sohil

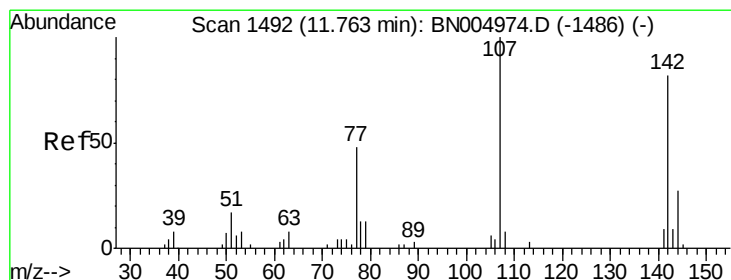
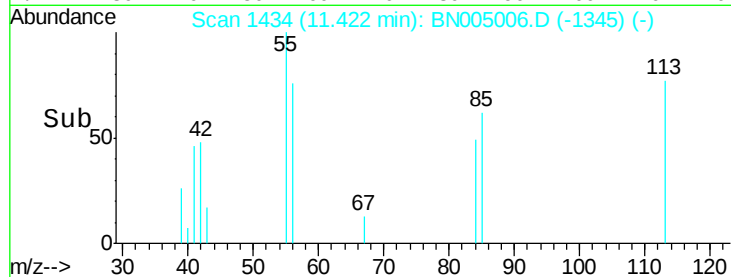
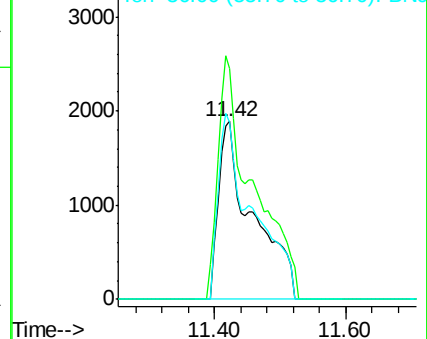
3/28/2019 5:10:21 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BNO

Ion 56.00 (55.70 to 56.70): BNO



#36

4-Chloro-3-methylphenol

Concen: 38.544 ng/mL

RT: 11.76 min Scan# 1491

Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

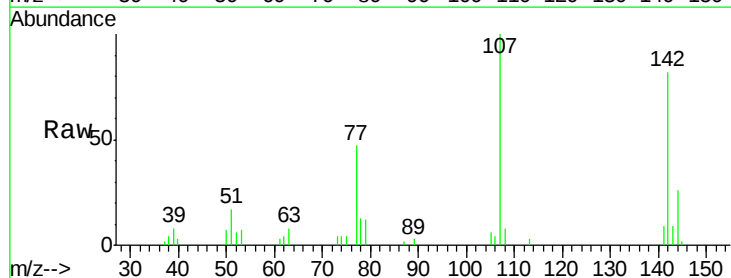
Tgt Ion:107 Resp: 25123

Ion Ratio Lower Upper

107 100

144 26.2 21.3 31.9

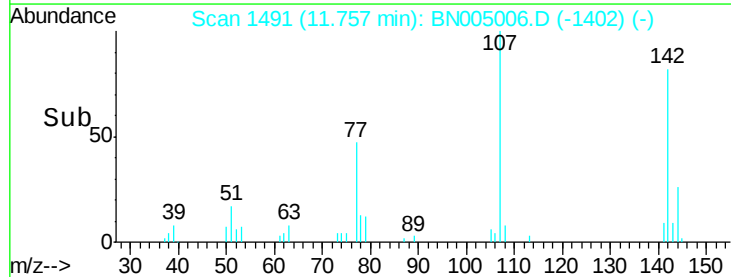
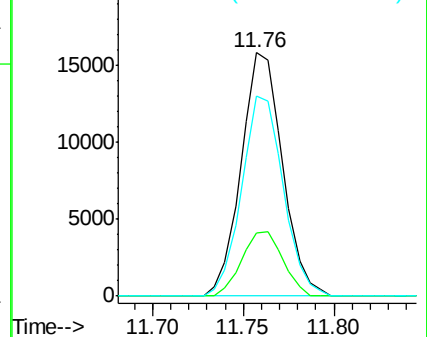
142 81.9 65.8 98.8

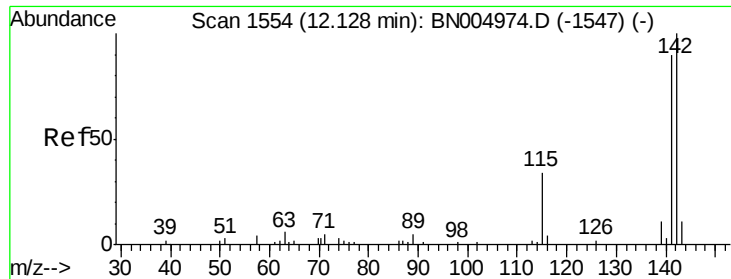


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





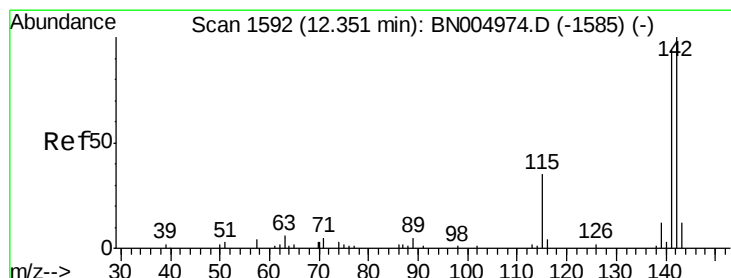
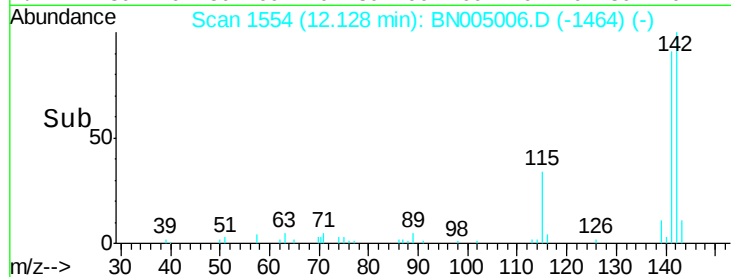
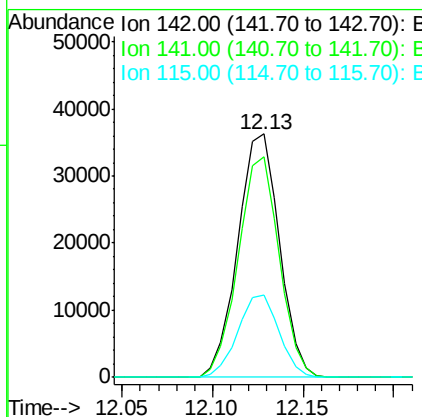
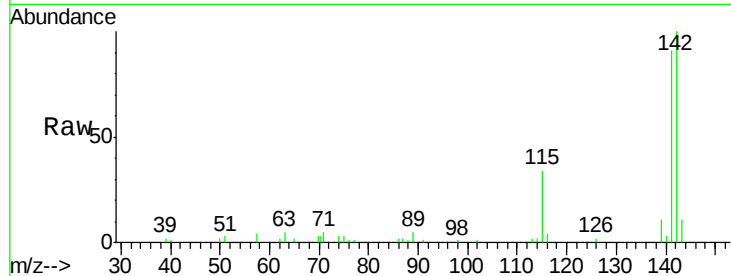
#37
 2-Methylnaphthalene
 Concen: 40.375 ng
 RT: 12.13 min Scan# 1554
 Delta R.T. 0.00 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.8	71.8	107.8
115	33.6	27.0	40.4

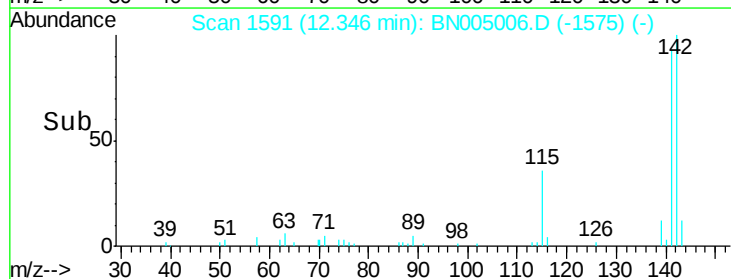
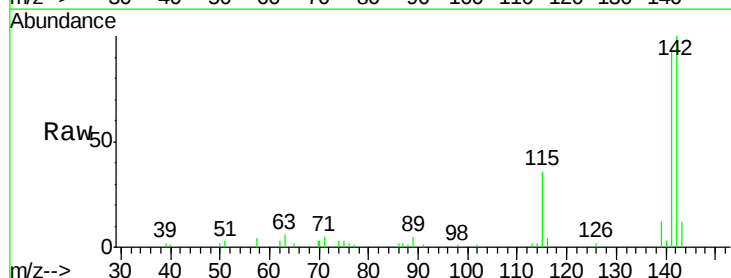
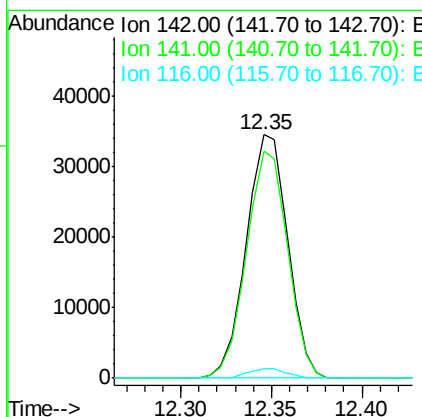
Manual Integrations
 APPROVED

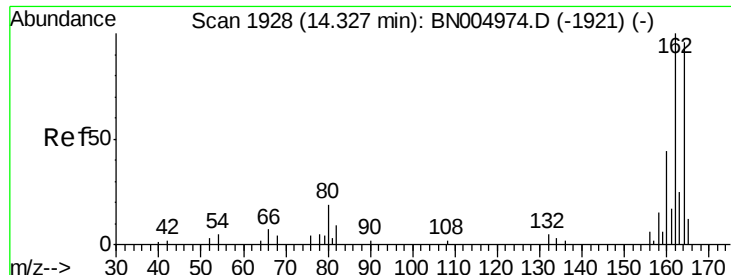
Sohil
 3/28/2019 5:10:21 PM



#38
 1-Methylnaphthalene
 Concen: 39.270 ng
 RT: 12.35 min Scan# 1591
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.2	74.9	112.3
116	3.7	3.0	4.4





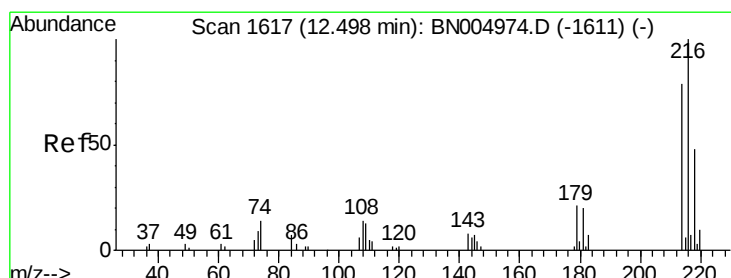
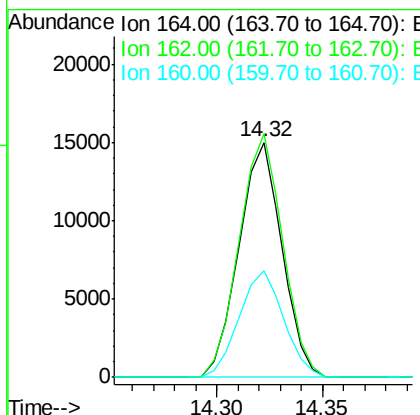
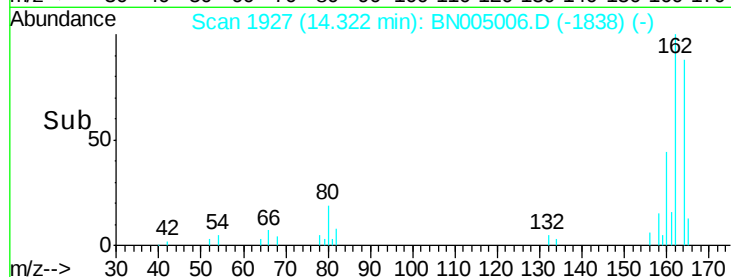
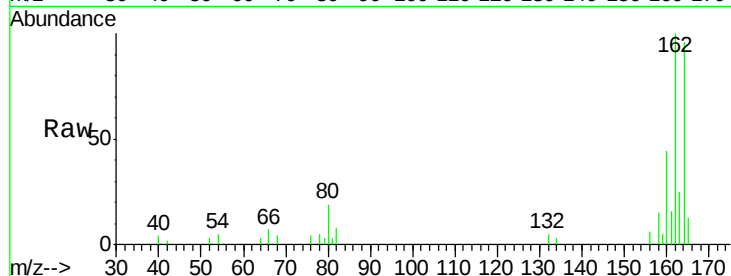
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1927
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	83.4	125.0
160	45.4	36.6	55.0

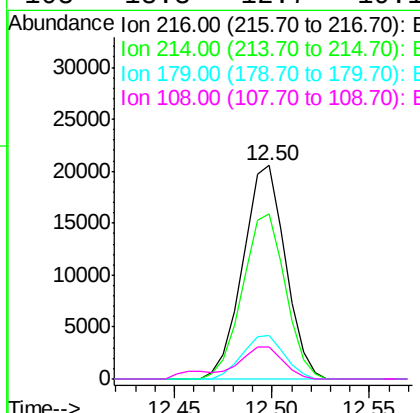
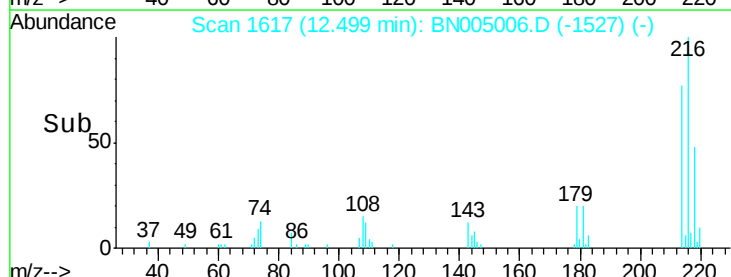
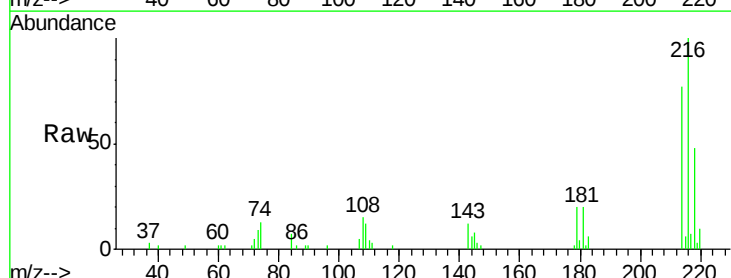
Manual Integrations
APPROVED

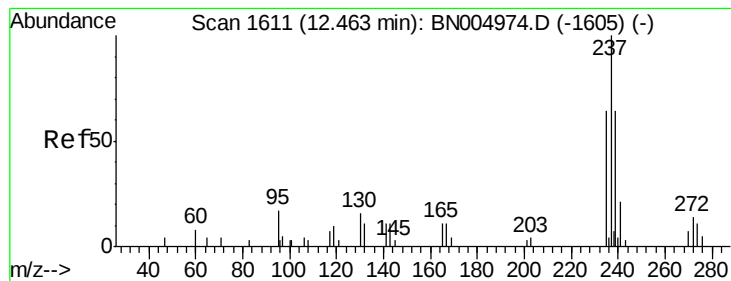
Sohil
3/28/2019 5:10:21 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.242 ng
RT: 12.50 min Scan# 1617
Delta R.T. 0.00 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.9	62.6	94.0
179	20.4	16.4	24.6
108	18.3	12.7	19.1





#41

Hexachlorocyclopentadiene

Concen: 99.415 ng

RT: 12.46 min Scan# 1611

Delta R.T. 0.00 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

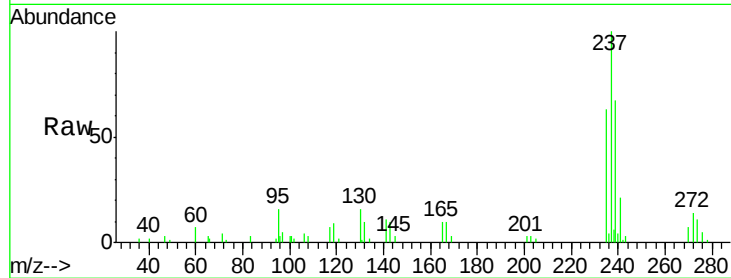
ClientSampleId :

PB118091BS

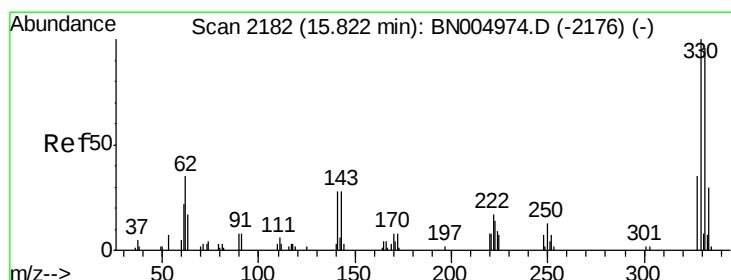
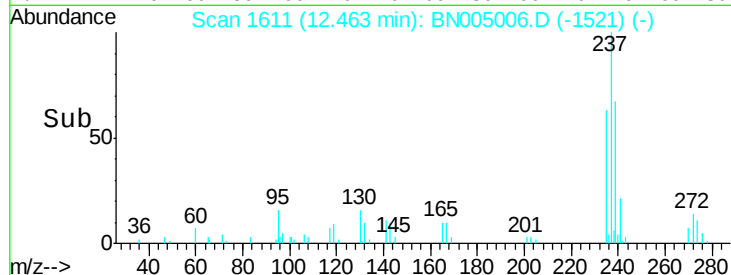
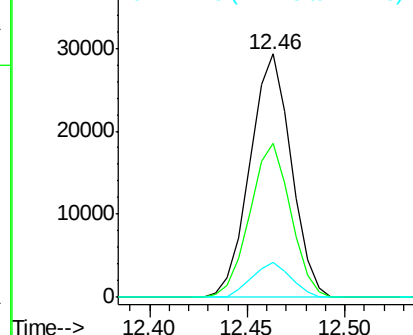
Tot Ion:	237	Resp:	42767
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.6	83.6
272	14.2	0.0	33.5

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



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



#42

2,4,6-Tribromophenol

Concen: 125.517 ng

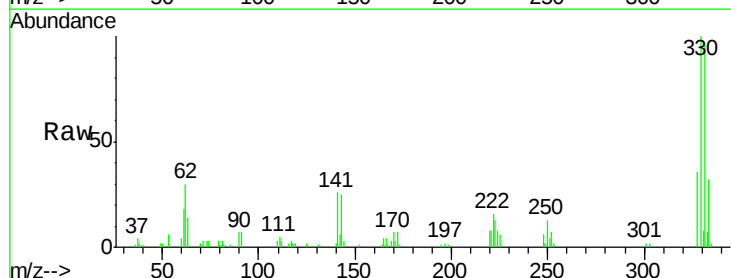
RT: 15.82 min Scan# 2182

Delta R.T. 0.00 min

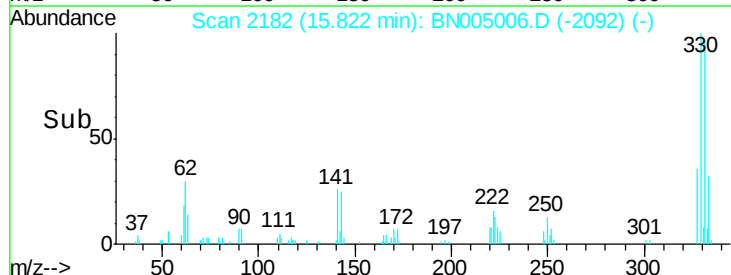
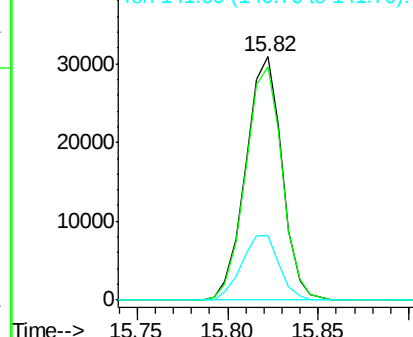
Lab File: BN005006.D

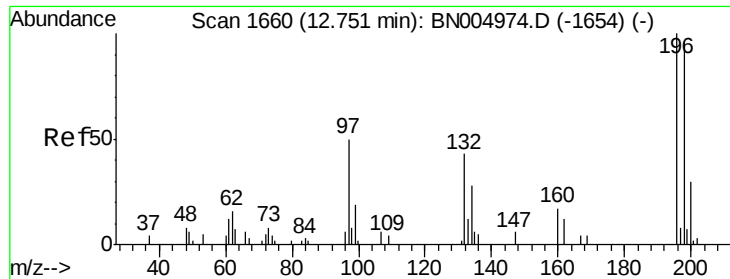
Acq: 27 Mar 2019 22:13

Tgt Ion:	330	Resp:	42890
Ion Ratio	Lower	Upper	
330	100		
332	96.9	77.4	116.0
141	27.3	22.1	33.1



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





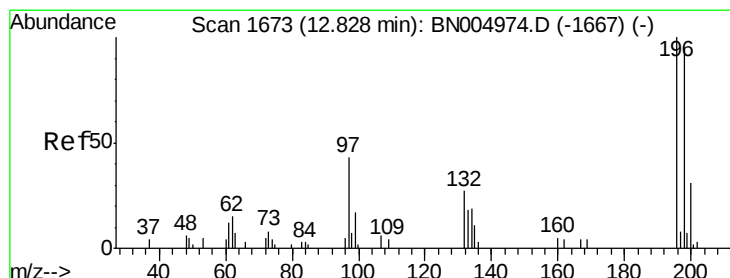
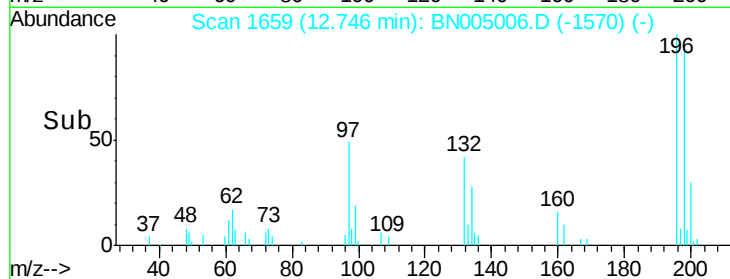
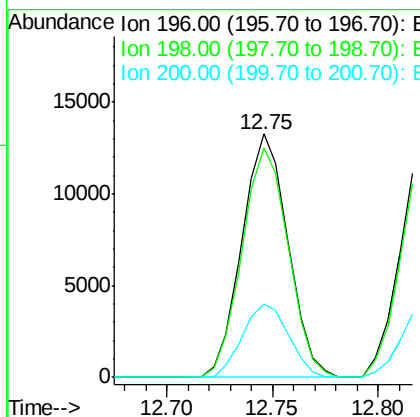
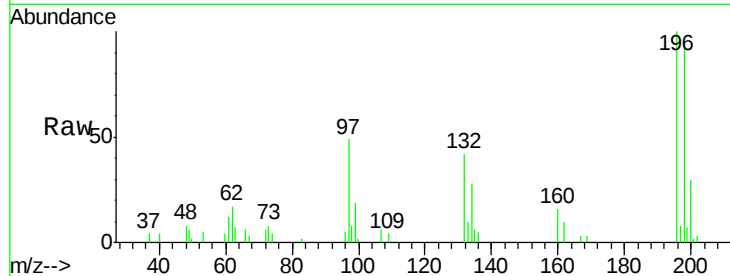
#43
 2,4,6-Trichlorophenol
 Concen: 42.962 ng
 RT: 12.75 min Scan# 1659
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	20033		
198	94.3	76.5	114.7	
200	30.0	24.0	36.0	

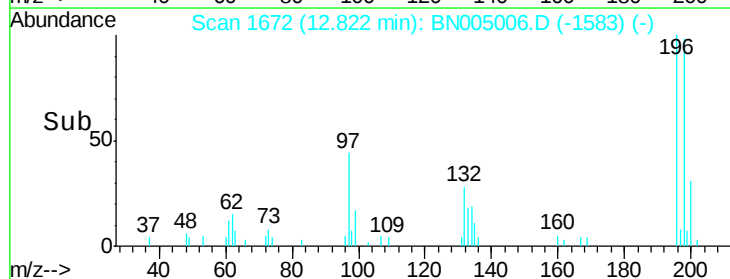
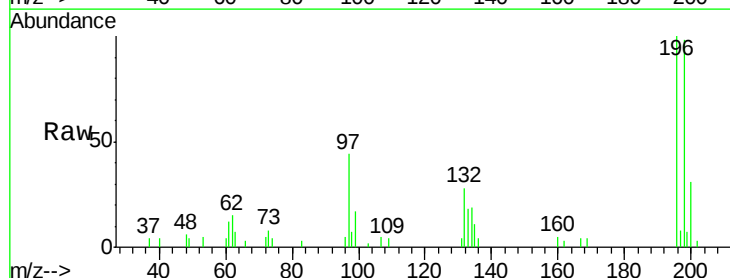
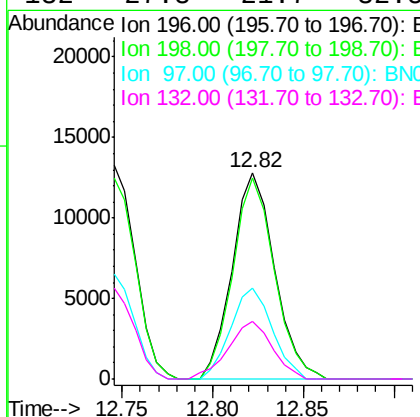
Manual Integrations
 APPROVED

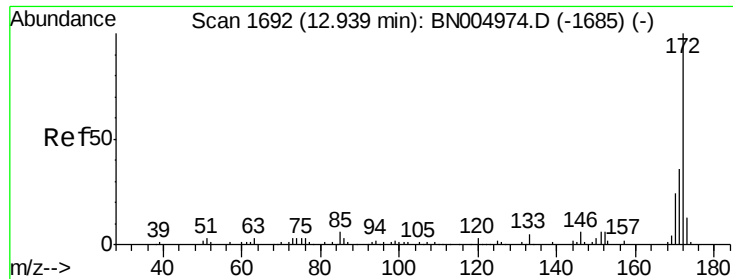
Sohil
 3/28/2019 5:10:21 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.877 ng
 RT: 12.82 min Scan# 1672
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	20765		
198	97.8	76.1	114.1	
97	43.9	34.8	52.2	
132	27.8	21.7	32.5	





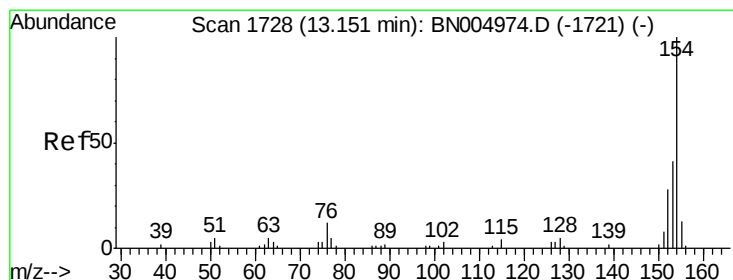
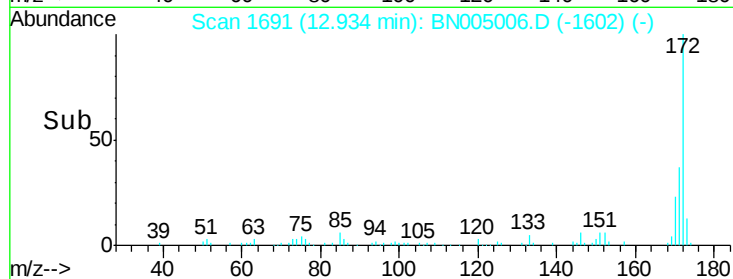
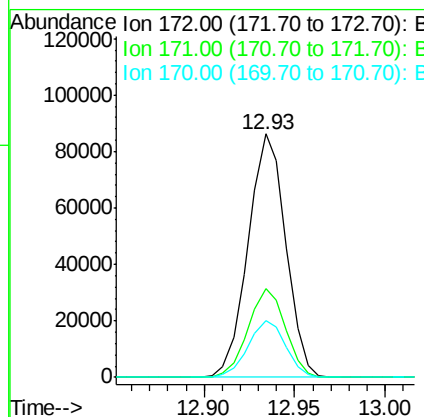
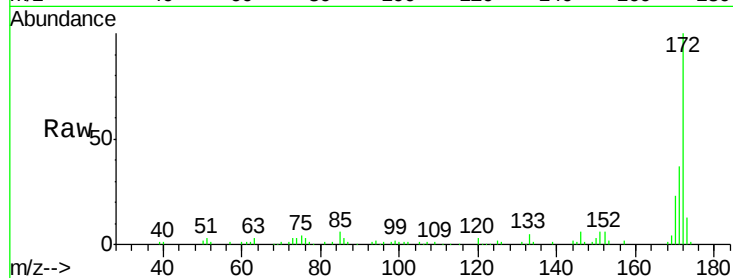
#45
2-Fluorobiphenyl
Concen: 77.839 ng
RT: 12.93 min Scan# 1691
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.6	42.8
170	23.5	18.9	28.3

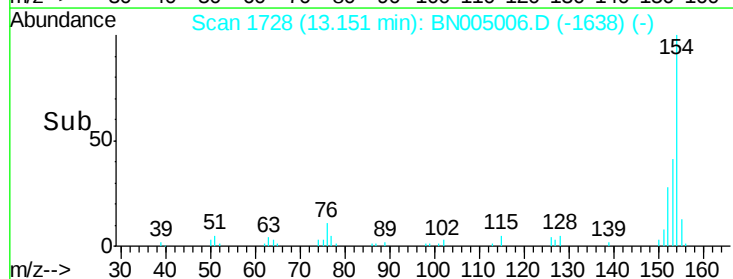
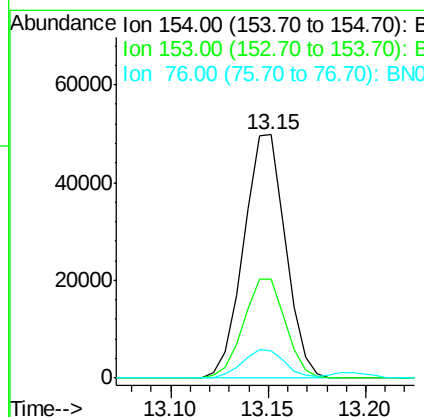
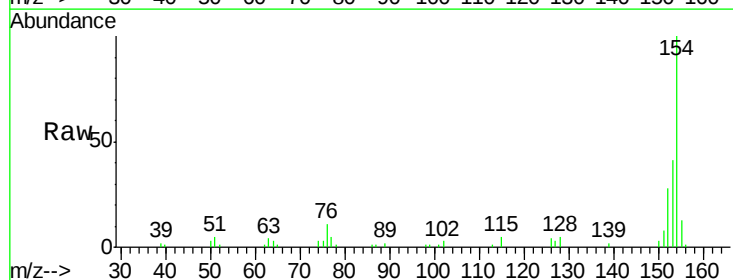
Manual Integrations
APPROVED

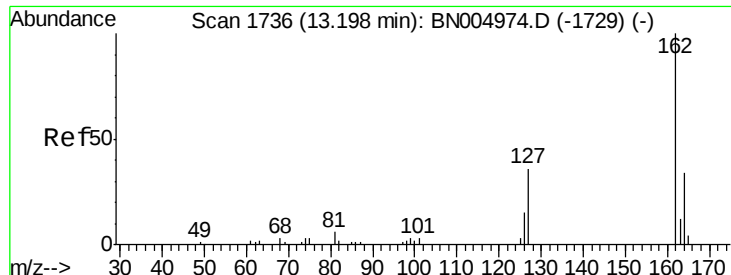
Sohil
3/28/2019 5:10:21 PM



#46
1,1'-Biphenyl
Concen: 41.140 ng
RT: 13.15 min Scan# 1728
Delta R.T. 0.00 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	21.2	61.2
76	11.3	0.0	32.2





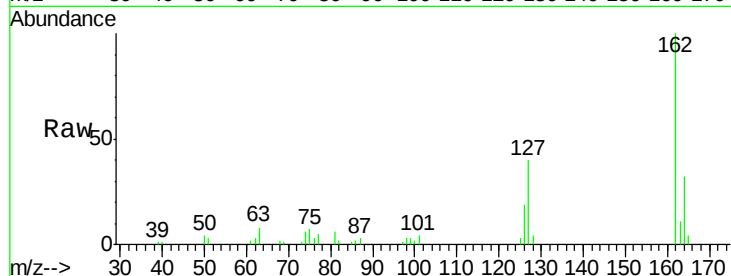
#47
2-Chloronaphthalene
Concen: 41.289 ng
RT: 13.19 min Scan# 1735
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampled :
PB118091BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.4	48.6
164	32.5	26.8	40.2

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM

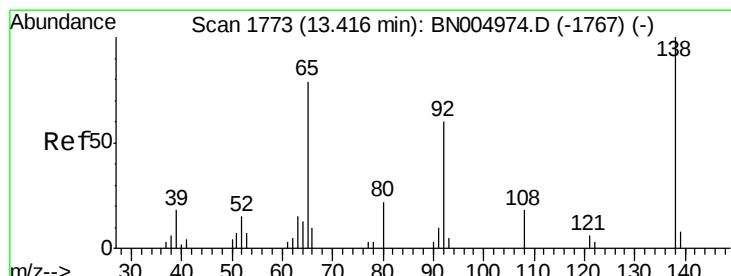
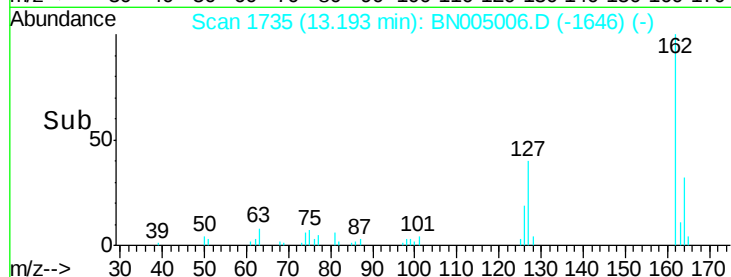
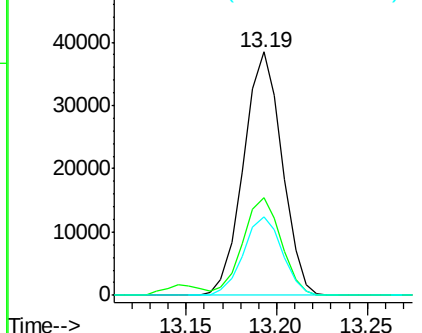


Abundance

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



#48
2-Nitroaniline
Concen: 37.755 ng
RT: 13.42 min Scan# 1773
Delta R.T. 0.00 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

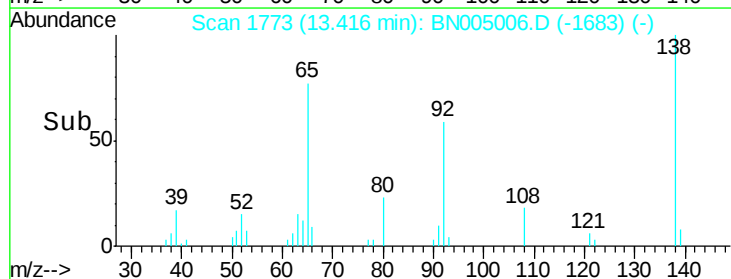
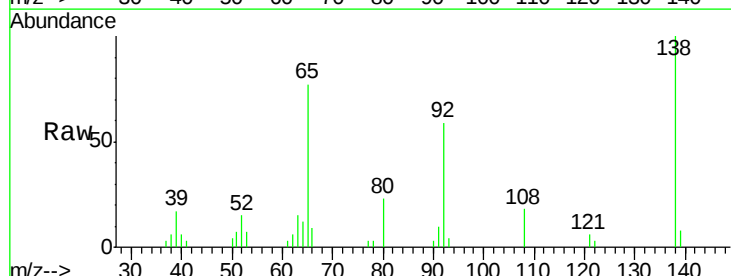
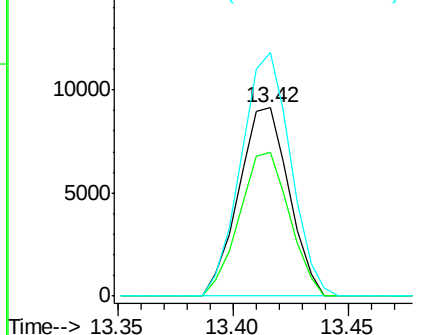
Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.7	60.2	90.4
138	129.4	101.1	151.7

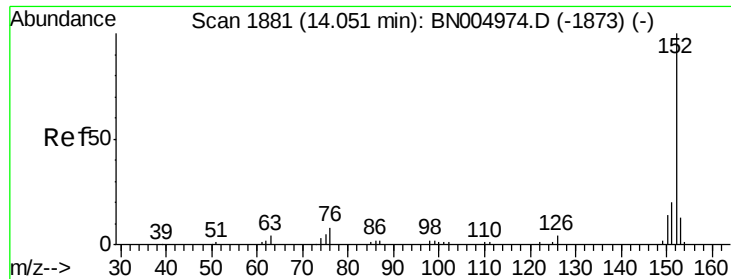
Abundance

Ion 65.00 (64.70 to 65.70): BNC

Ion 92.00 (91.70 to 92.70): BNC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.995 ng

RT: 14.05 min Scan# 1880

Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

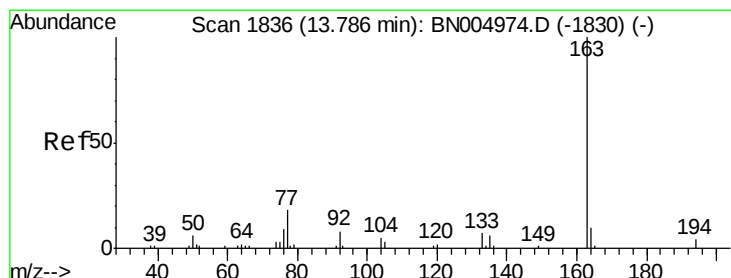
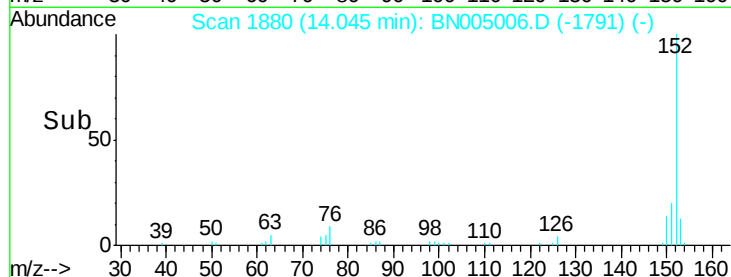
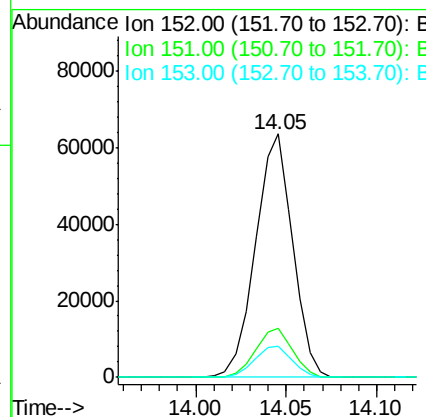
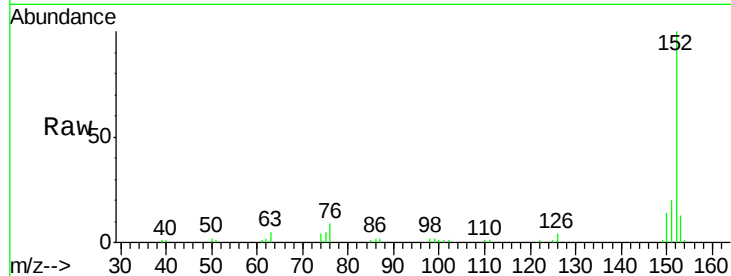
ClientSampleId :

PB118091BS

Tot Ion:	152	Resp:	90251
Ion Ratio	Lower	Upper	
152	100		
151	20.3	16.2	24.2
153	13.0	10.3	15.5

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



#50

Dimethylphthalate

Concen: 39.558 ng

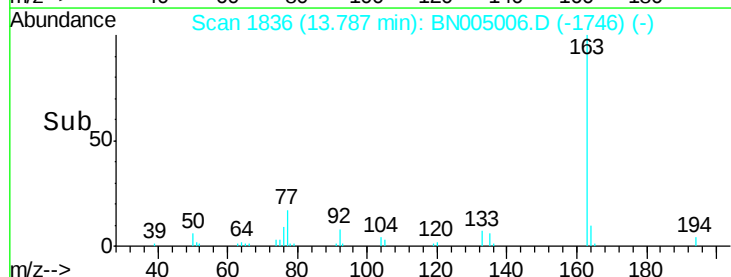
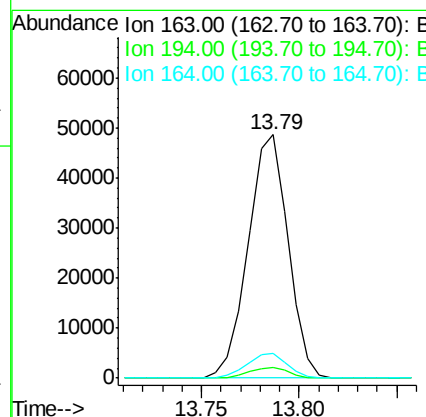
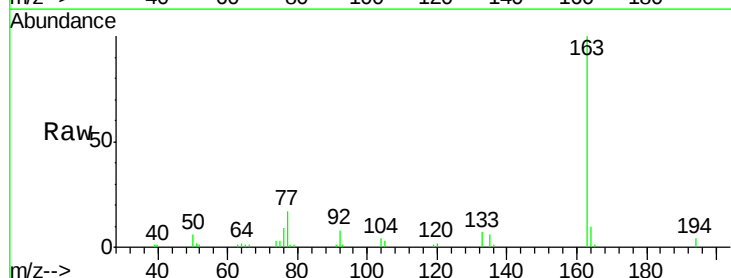
RT: 13.79 min Scan# 1836

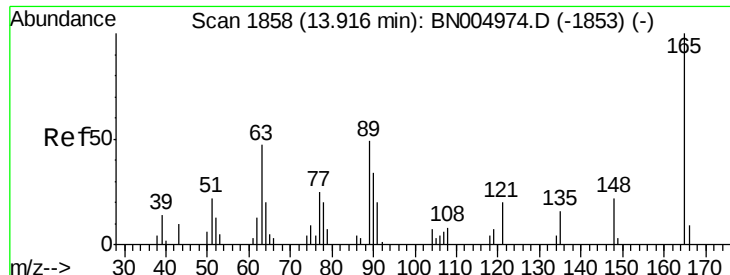
Delta R.T. 0.00 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Tgt Ion:	163	Resp:	68858
Ion Ratio	Lower	Upper	
163	100		
194	4.4	3.4	5.0
164	10.2	8.3	12.5





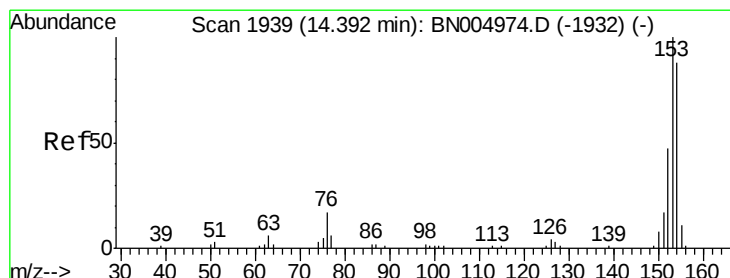
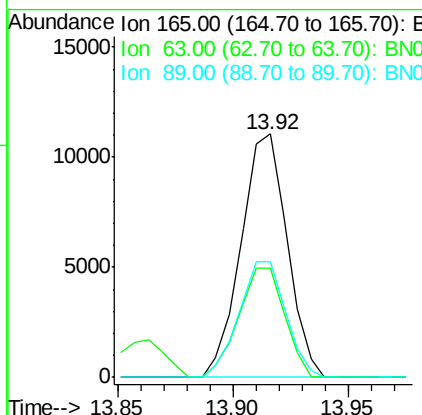
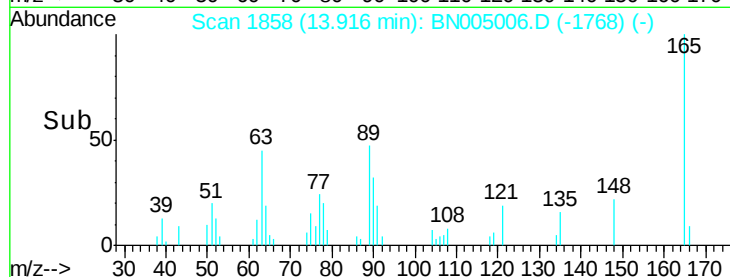
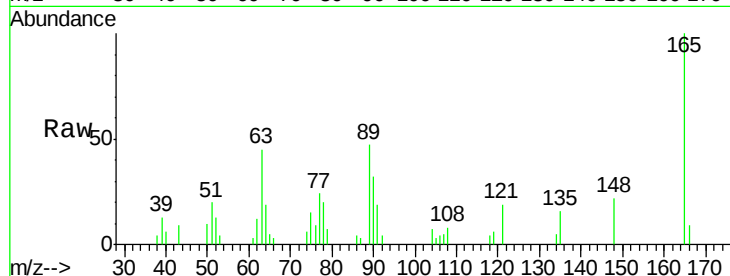
#51
2,6-Dinitrotoluene
Concen: 38.868 ng
RT: 13.92 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampled :
PB118091BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	45.1	37.3	55.9
89	47.3	39.2	58.8

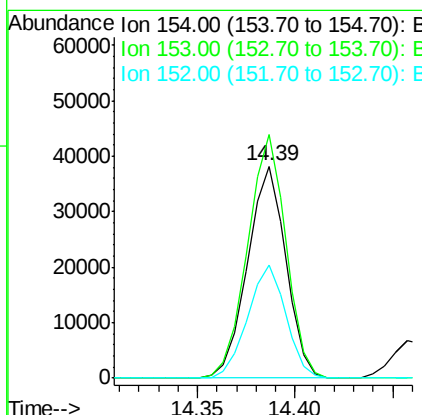
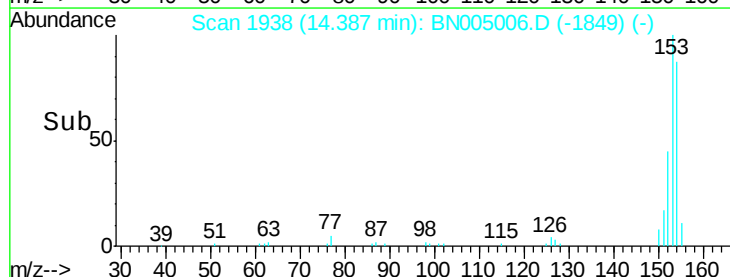
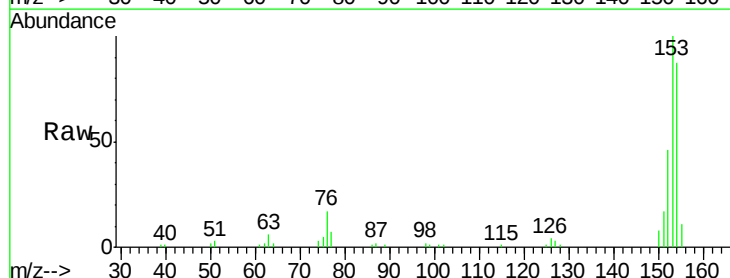
Manual Integrations
APPROVED

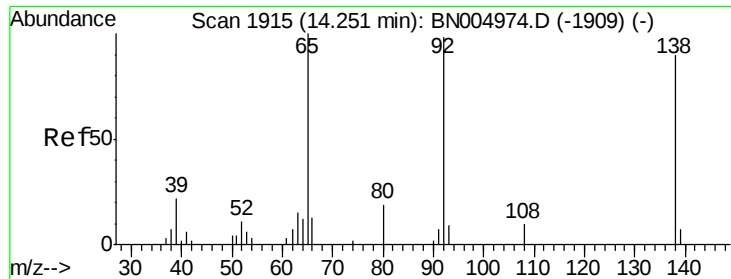
Sohil
3/28/2019 5:10:21 PM



#52
Acenaphthene
Concen: 39.944 ng
RT: 14.39 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	91.0	136.4
152	53.1	43.0	64.4





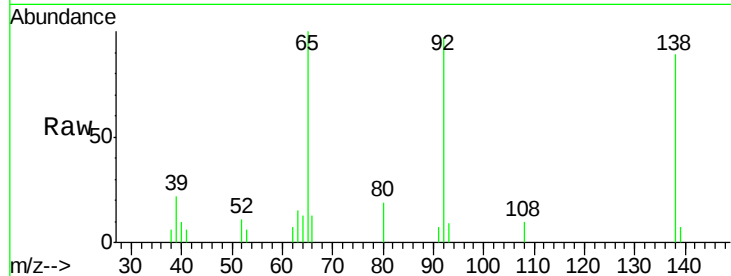
#53
 3-Nitroaniline
 Concen: 19.640 ng
 RT: 14.25 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BS

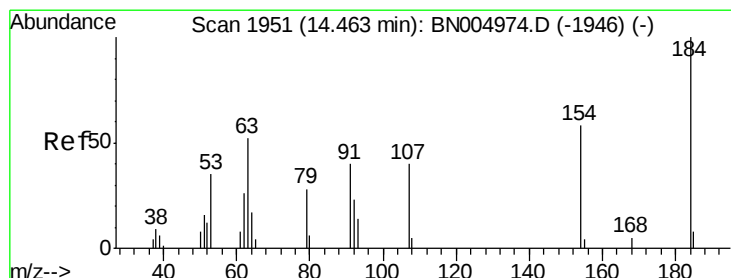
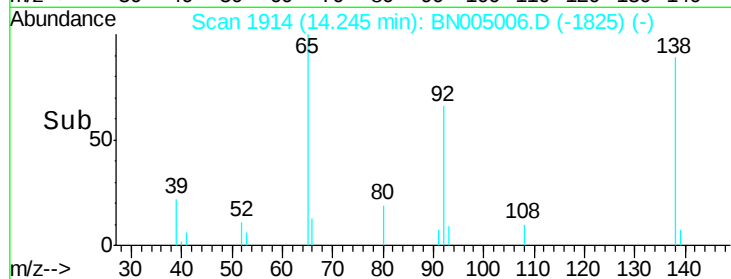
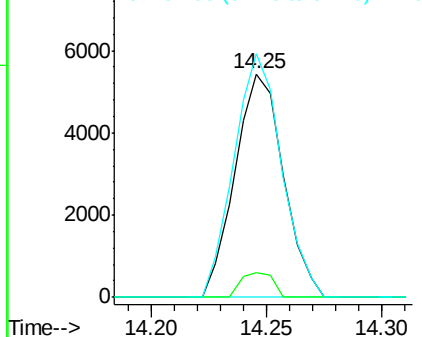
Tot Ion	Ratio	Lower	Upper
138	100		
108	10.9	8.6	12.8
92	109.1	86.9	130.3

Manual Integrations
 APPROVED

Sohil
 3/28/2019 5:10:21 PM



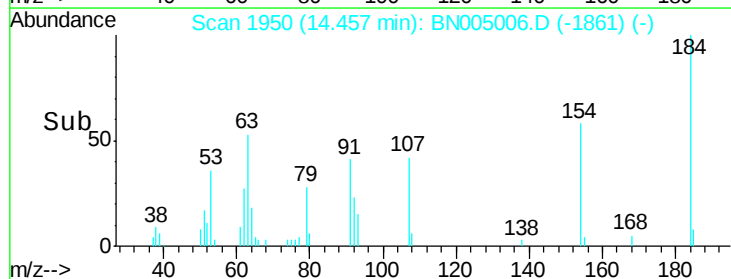
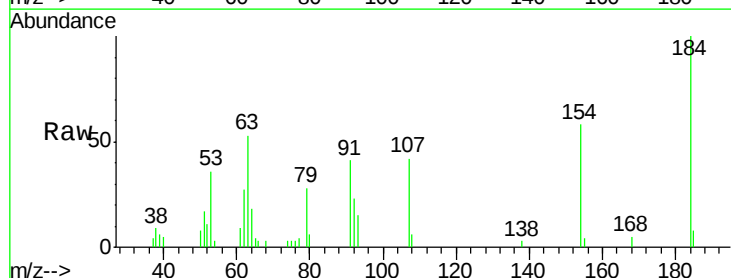
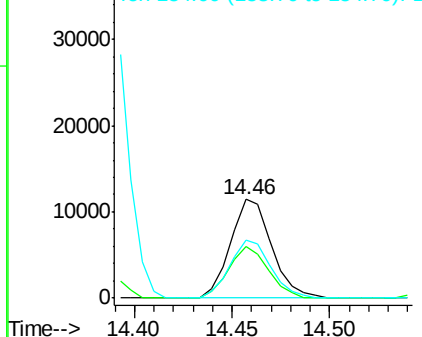
Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BNC

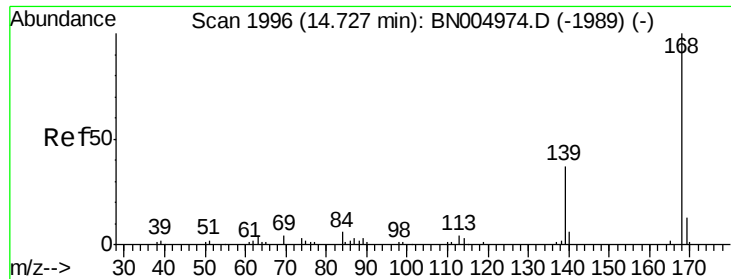


#54
 2,4-Dinitrophenol
 Concen: 71.311 ng
 RT: 14.46 min Scan# 1950
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.8	41.6	62.4
154	58.3	46.8	70.2

Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BNC
 Ion 154.00 (153.70 to 154.70): E





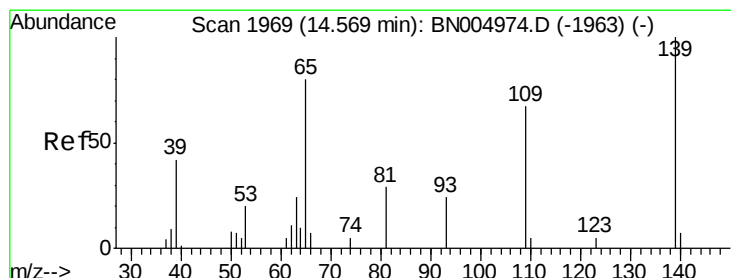
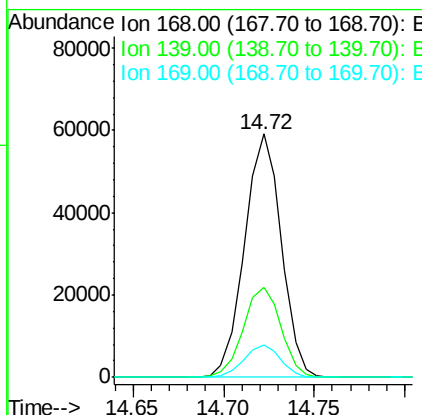
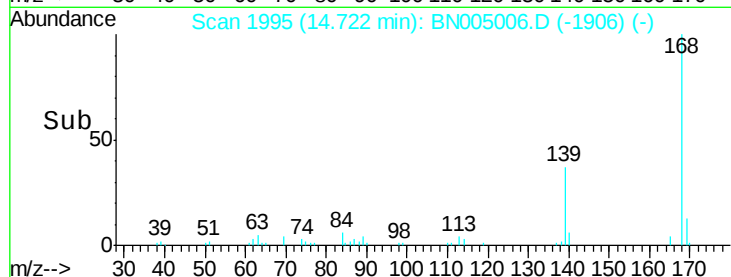
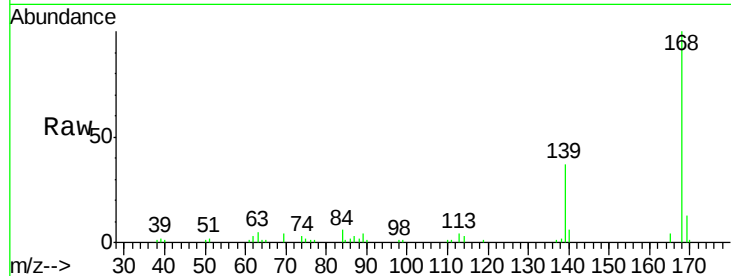
#55
Dibenzenofuran
Concen: 40.214 ng
RT: 14.72 min Scan# 1995
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

Tot Ion:168	Resp:	83312
Ion Ratio	Lower	Upper
168	100	
139	37.2	29.9 44.9
169	13.3	10.6 15.8

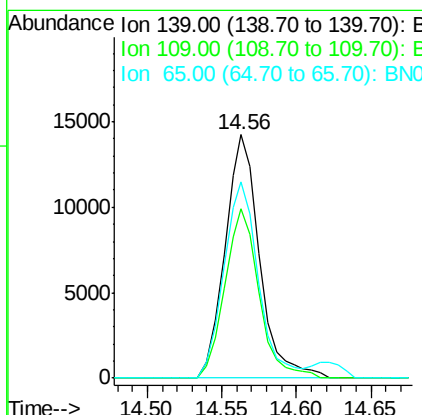
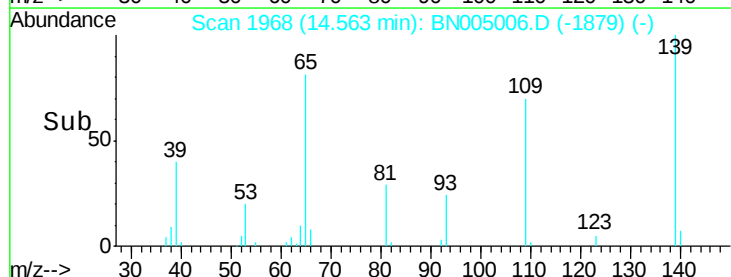
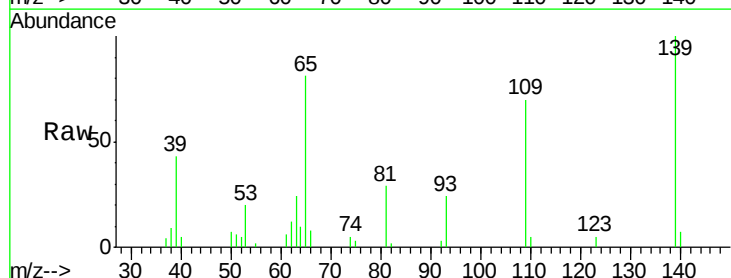
Manual Integrations
APPROVED

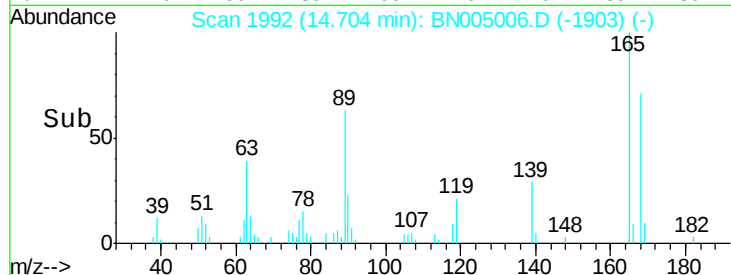
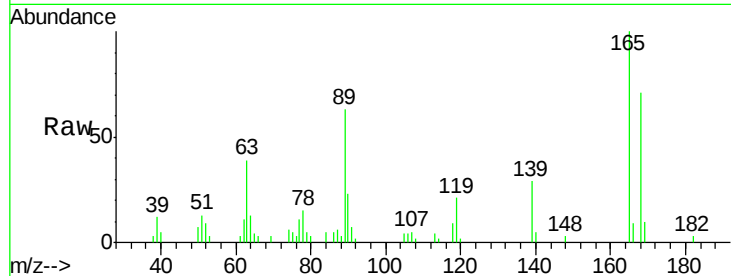
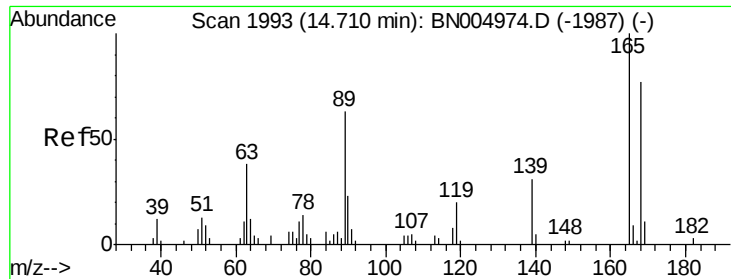
Sohil
3/28/2019 5:10:21 PM



#56
4-Nitrophenol
Concen: 72.160 ng
RT: 14.56 min Scan# 1968
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion:139	Resp:	23013
Ion Ratio	Lower	Upper
139	100	
109	69.7	46.5 86.5
65	80.7	59.5 99.5





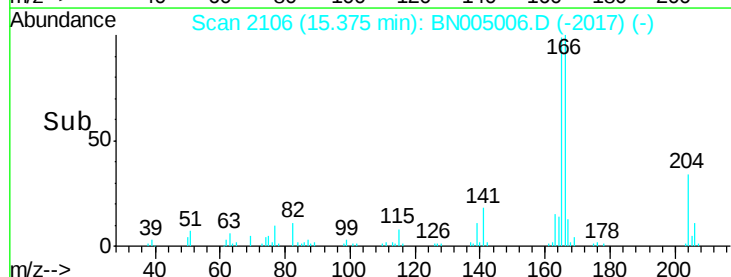
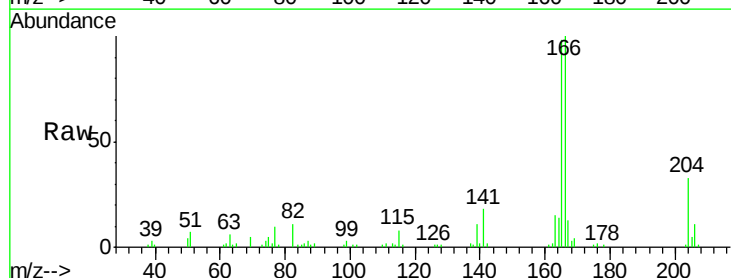
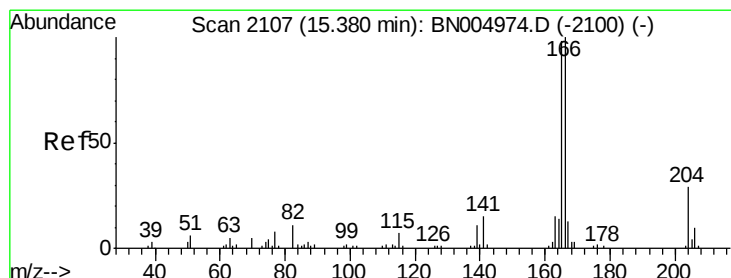
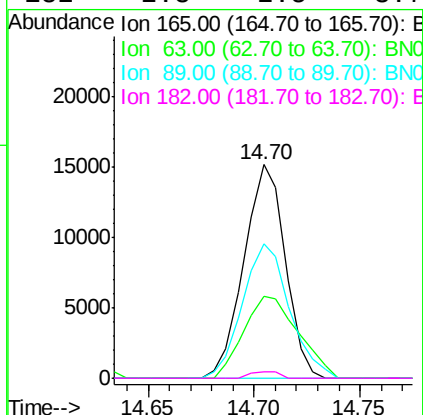
#57
2,4-Dinitrotoluene
Concen: 38.253 ng
RT: 14.70 min Scan# 1992
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		20591		
63	38.6	30.4	45.6		
89	63.1	50.7	76.1		
182	2.8	2.5	3.7		

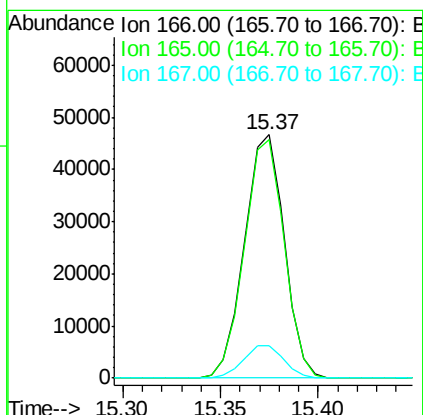
Manual Integrations
APPROVED

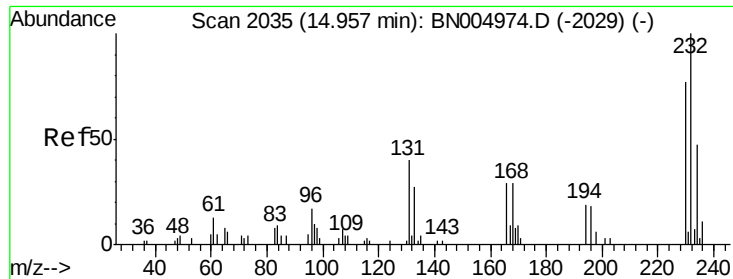
Sohil
3/28/2019 5:10:21 PM



#58
Fluorene
Concen: 39.441 ng
RT: 15.37 min Scan# 2106
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		66008		
165	98.0	78.3	117.5		
167	13.1	10.6	15.8		





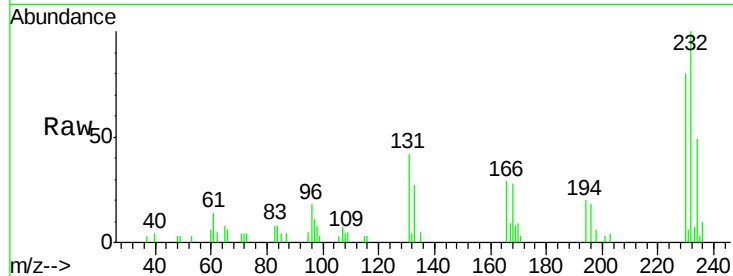
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.994 ng
 RT: 14.95 min Scan# 2034
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BS

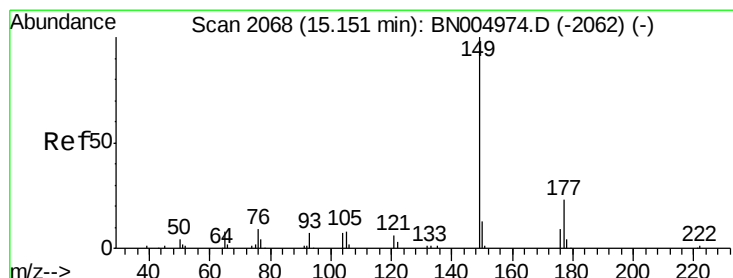
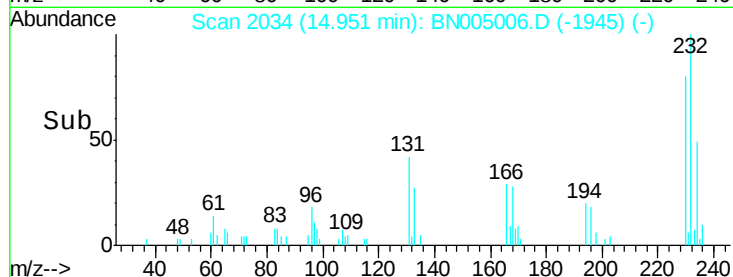
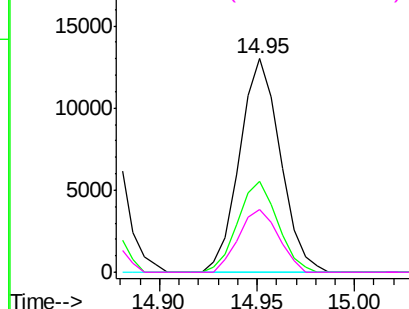
Tot Ion	Ratio	Lower	Upper
232	100		
131	41.8	32.4	48.6
130	0.0	0.9	1.3
166	28.5	22.6	34.0

Manual Integrations
 APPROVED

Sohil
 3/28/2019 5:10:21 PM

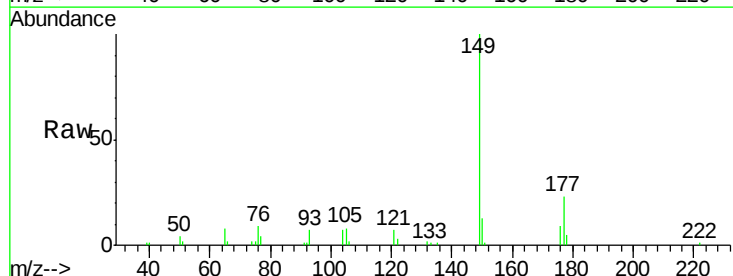


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

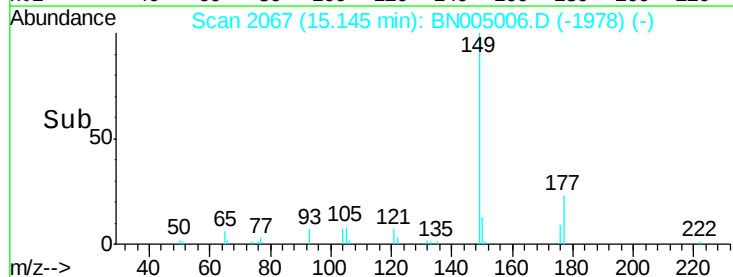
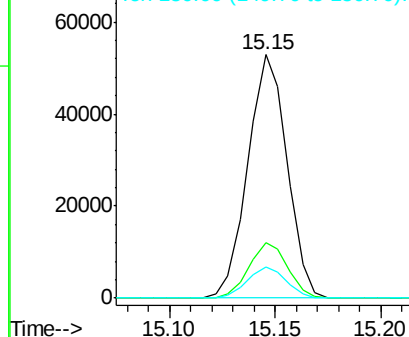


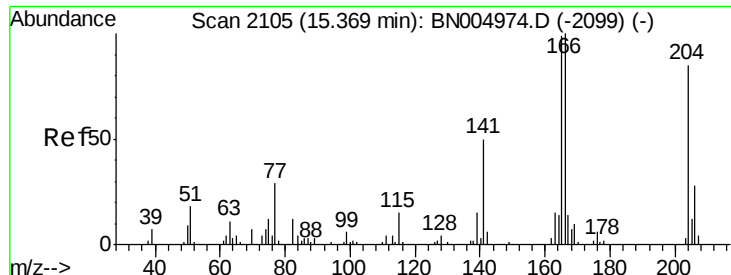
#60
 Diethylphthalate
 Concen: 39.125 ng
 RT: 15.15 min Scan# 2067
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.8	18.1	27.1
150	12.9	10.1	15.1



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





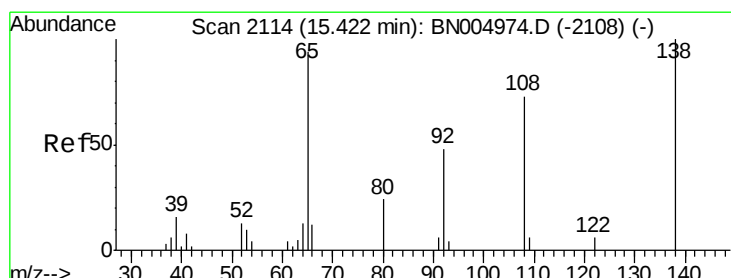
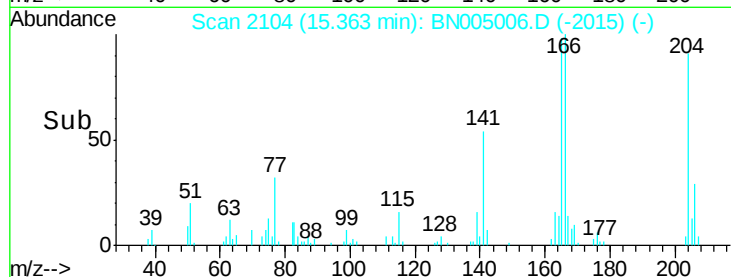
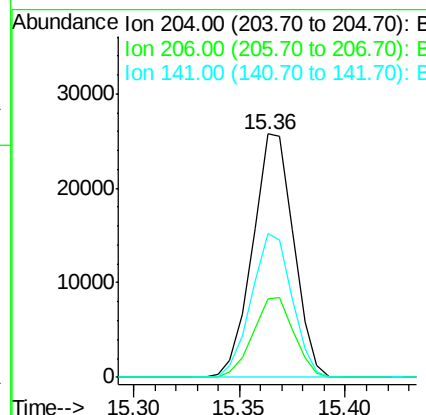
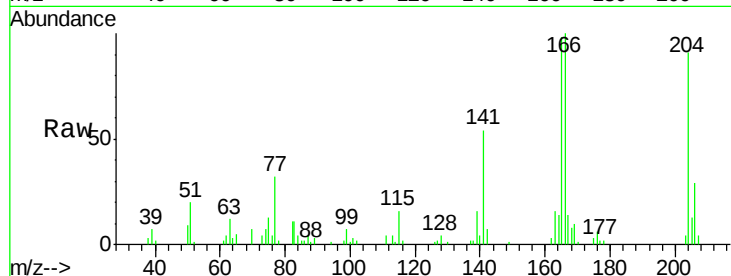
#61
4-Chlorophenyl-phenylether
Concen: 40.272 ng
RT: 15.36 min Scan# 2104
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.2	26.5	39.7
141	58.9	47.2	70.8

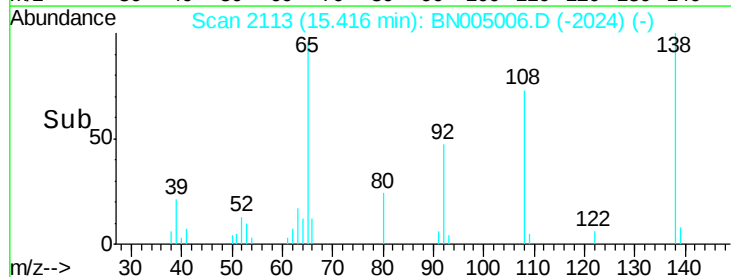
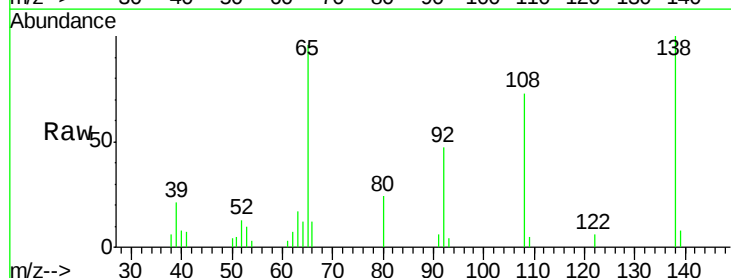
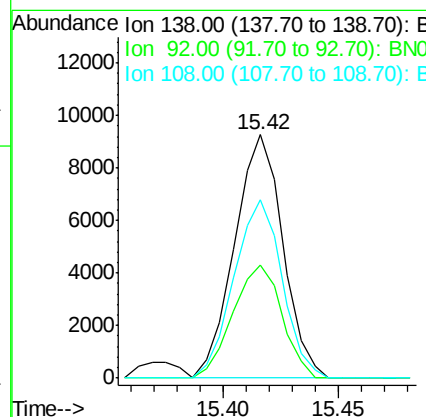
Manual Integrations
APPROVED

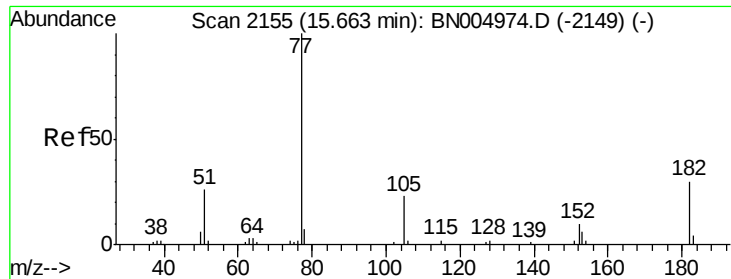
Sohil
3/28/2019 5:10:21 PM



#62
4-Nitroaniline
Concen: 33.171 ng
RT: 15.42 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	26.4	66.4
108	73.4	50.8	90.8





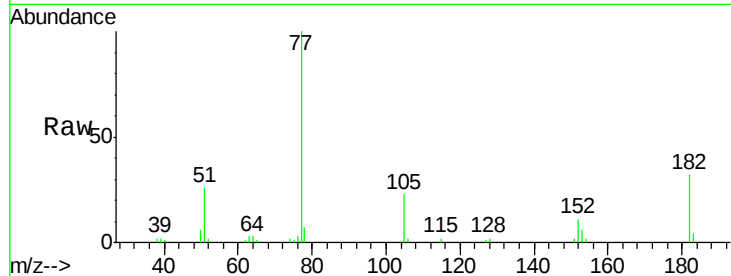
#63
Azobenzene
Concen: 38.838 ng
RT: 15.66 min Scan# 2155
Delta R.T. 0.00 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	32.0	10.0	50.0		
105	23.2	2.9	42.9		
51	25.9	6.0	46.0		

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



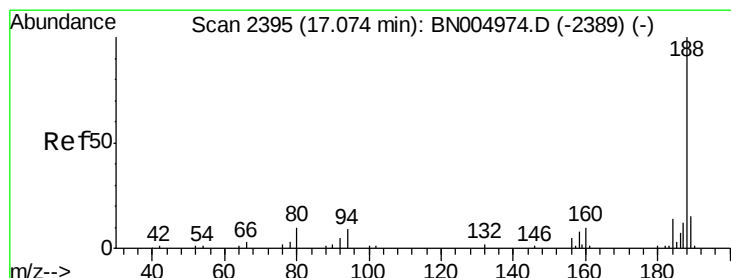
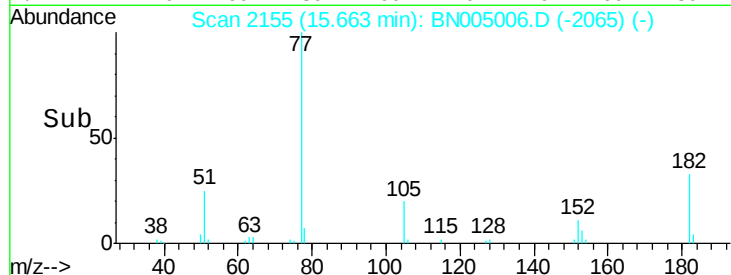
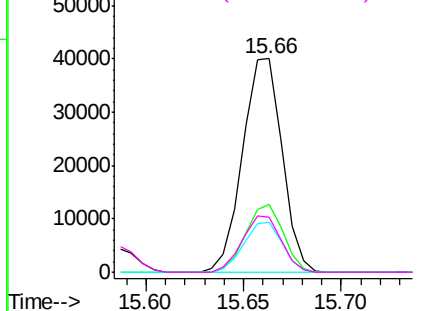
Abundance

Ion 77.00 (76.70 to 77.70): BN004974.D (-2149) (-)

Ion 182.00 (181.70 to 182.70): BN004974.D (-2149) (-)

Ion 105.00 (104.70 to 105.70): BN004974.D (-2149) (-)

Ion 51.00 (50.70 to 51.70): BN004974.D (-2149) (-)



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2394
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

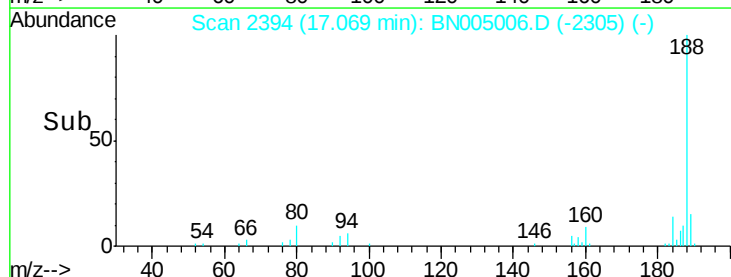
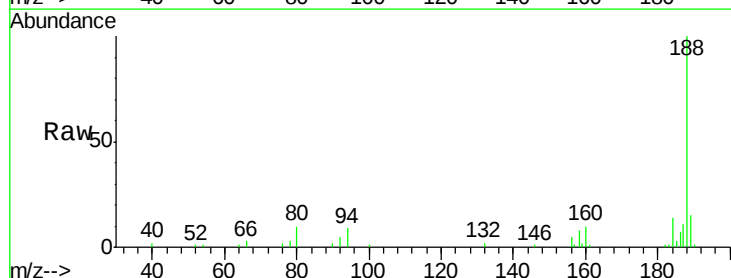
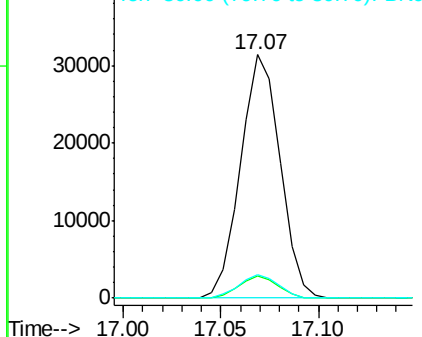
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	8.9	7.2	10.8		
80	9.6	7.8	11.6		

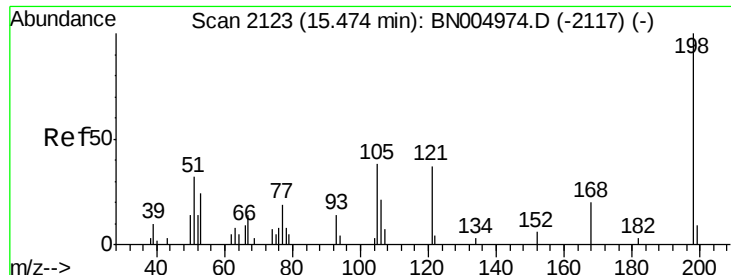
Abundance

Ion 188.00 (187.70 to 188.70): BN004974.D (-2389) (-)

Ion 94.00 (93.70 to 94.70): BN004974.D (-2389) (-)

Ion 80.00 (79.70 to 80.70): BN004974.D (-2389) (-)





#65

4,6-Dinitro-2-methylphenol

Concen: 37.344 ng

RT: 15.47 min Scan# 2122

Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

ClientSampled :

PB118091BS

Tot Ion:198 Resp: 10836

Ion Ratio Lower Upper

198 100

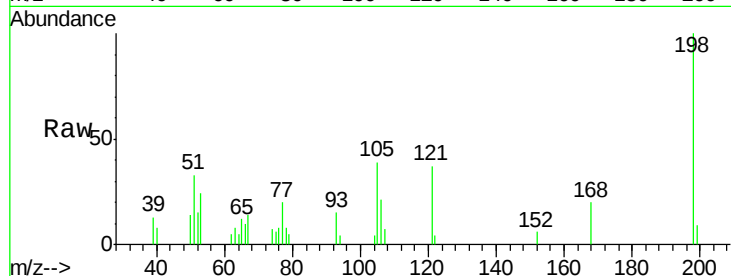
51 33.0 12.0 52.0

105 38.9 17.6 57.6

Manual Integrations
APPROVED

Sohil

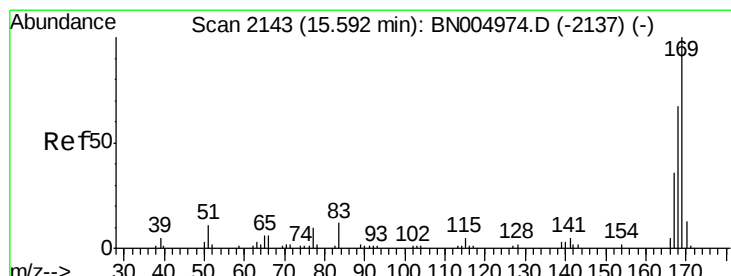
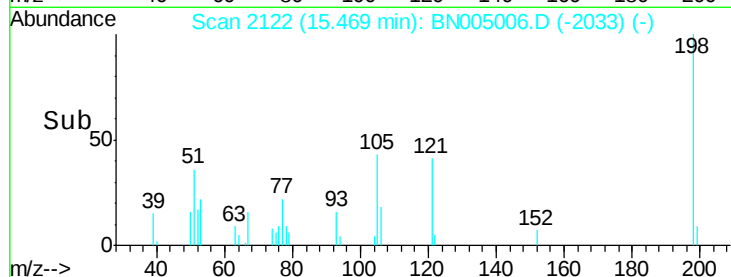
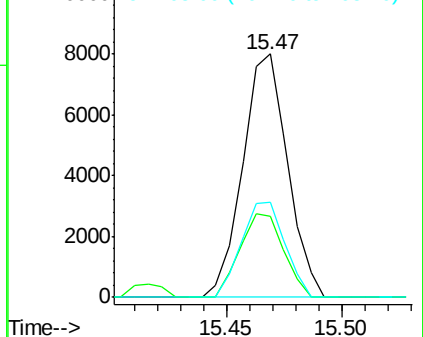
3/28/2019 5:10:21 PM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BNO

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.246 ng

RT: 15.59 min Scan# 2142

Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

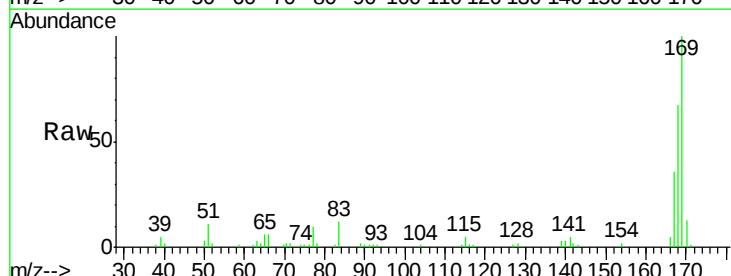
Tgt Ion:169 Resp: 57230

Ion Ratio Lower Upper

169 100

168 67.1 53.4 80.2

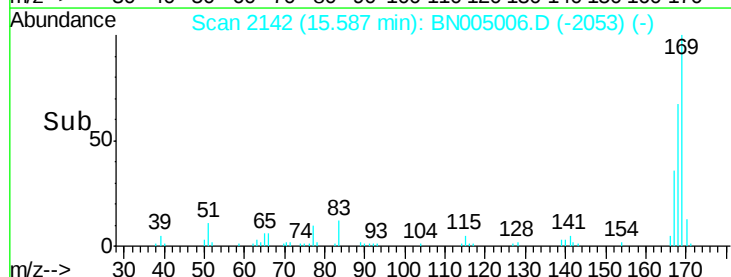
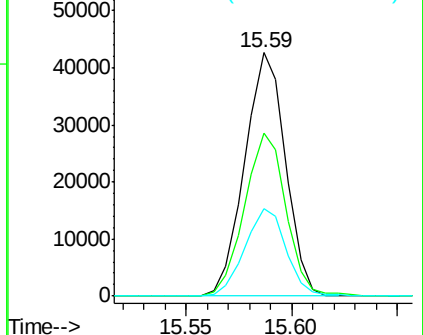
167 36.1 28.9 43.3

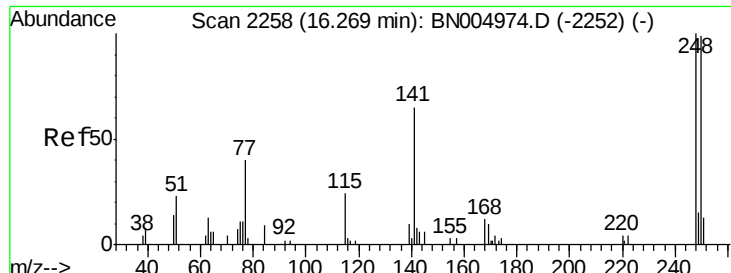


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





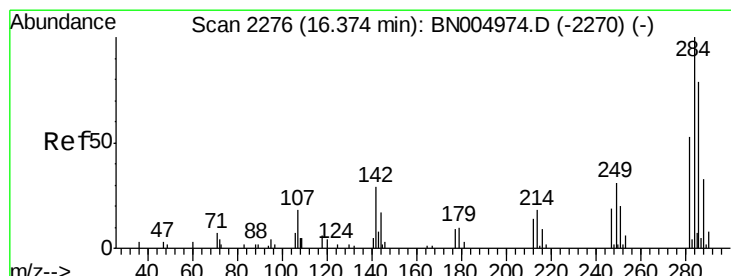
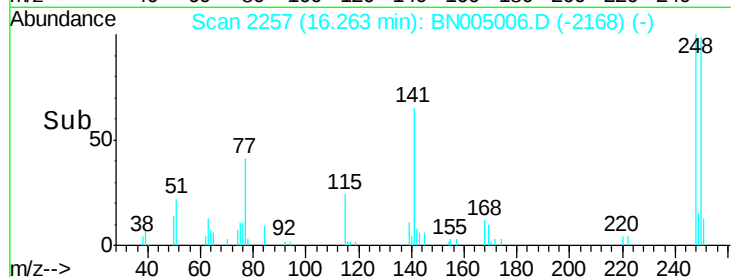
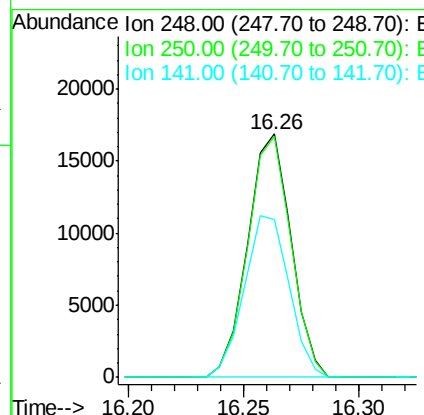
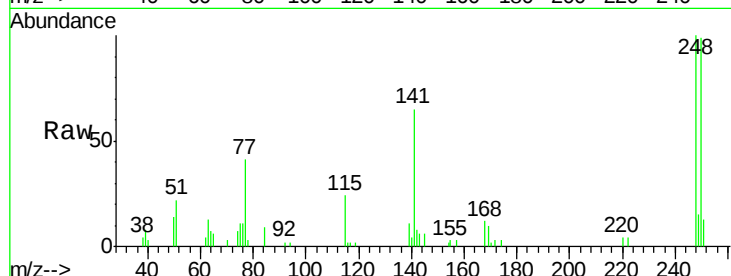
#67
 4-Bromophenyl-phenylether
 Concen: 40.334 ng
 RT: 16.26 min Scan# 2257
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.9	79.4	119.2
141	64.6	52.3	78.5

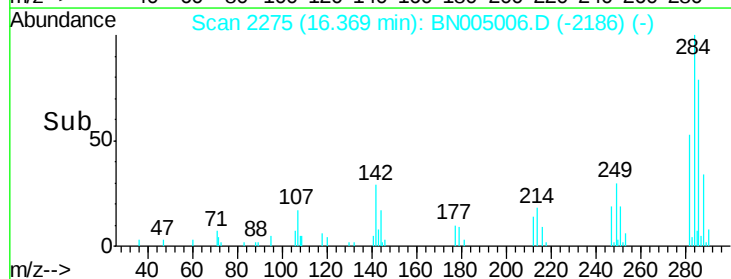
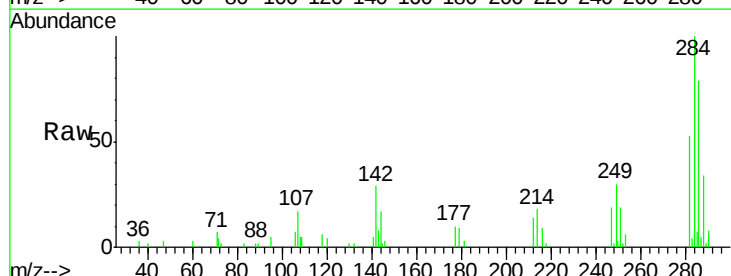
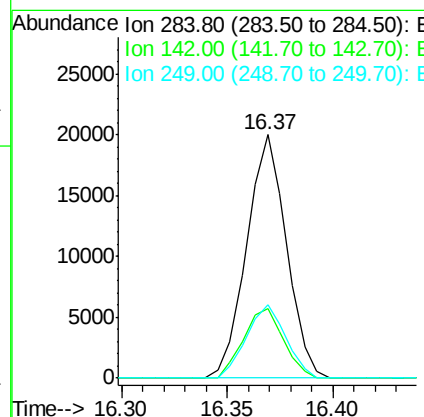
Manual Integrations
 APPROVED

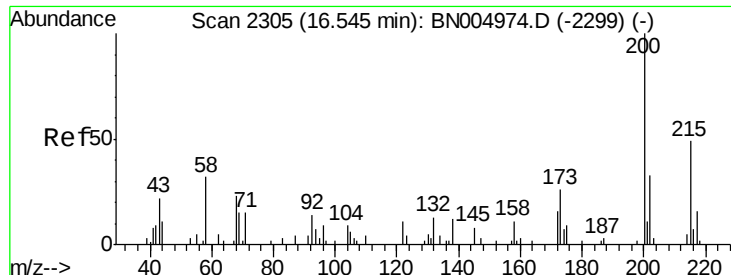
Sohil
 3/28/2019 5:10:21 PM



#68
 Hexachlorobenzene
 Concen: 40.494 ng
 RT: 16.37 min Scan# 2275
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.7	23.5	35.3
249	30.2	24.5	36.7





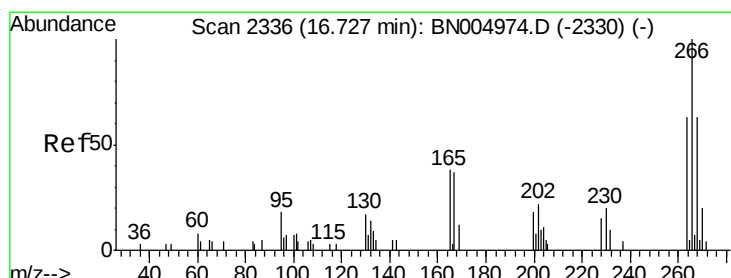
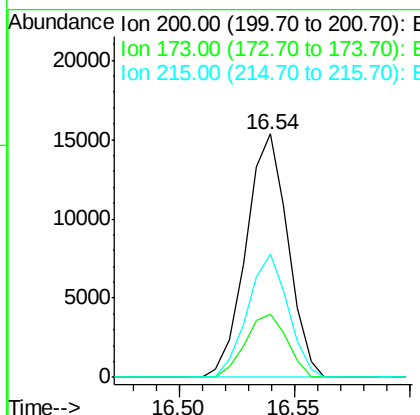
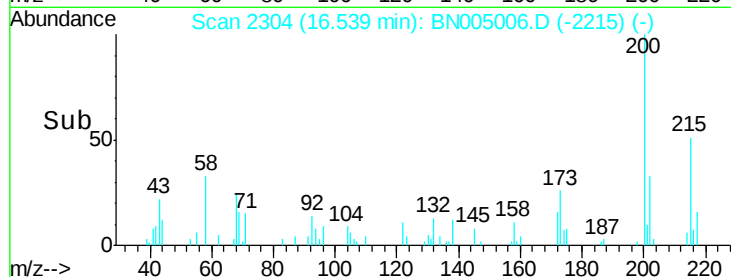
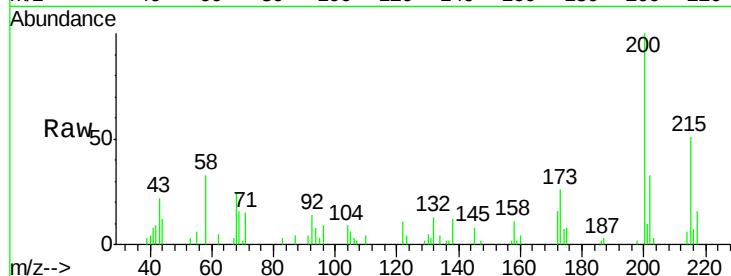
#69
Atrazine
Concen: 39.048 ng
RT: 16.54 min Scan# 2304
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.4	46.4
215	50.5	28.8	68.8

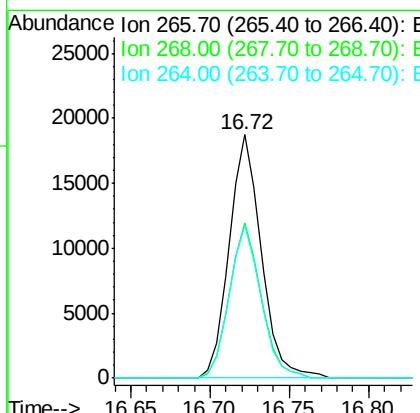
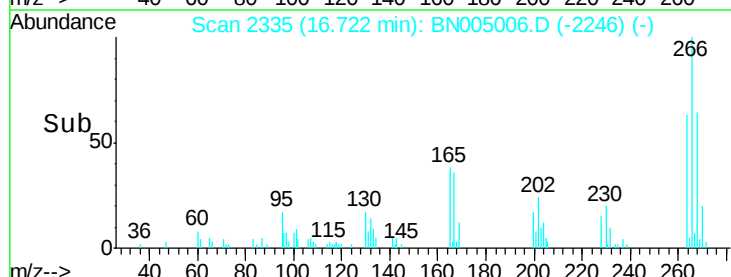
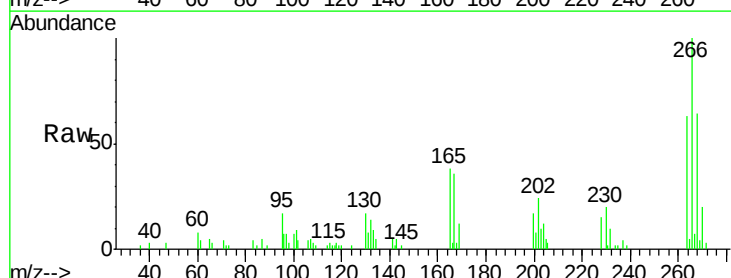
Manual Integrations
APPROVED

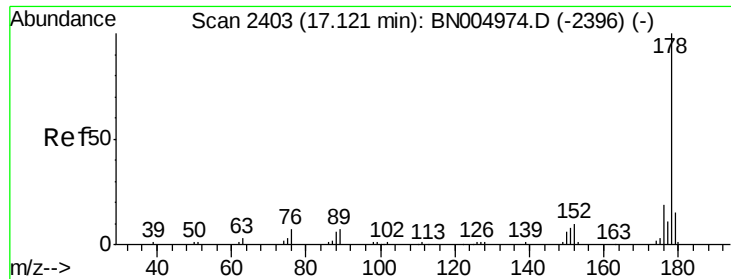
Sohil
3/28/2019 5:10:21 PM



#70
Pentachlorophenol
Concen: 77.697 ng
RT: 16.72 min Scan# 2335
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.7	50.8	76.2
264	62.9	50.0	75.0





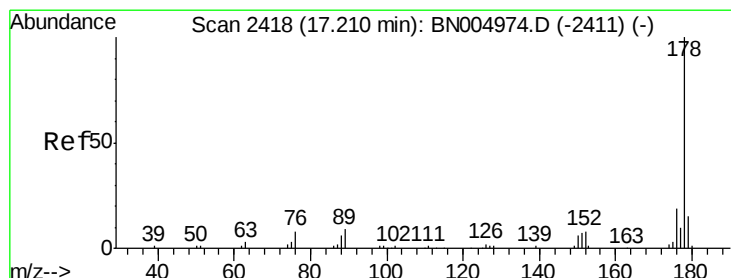
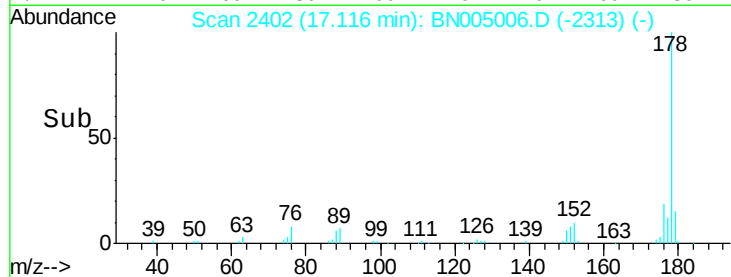
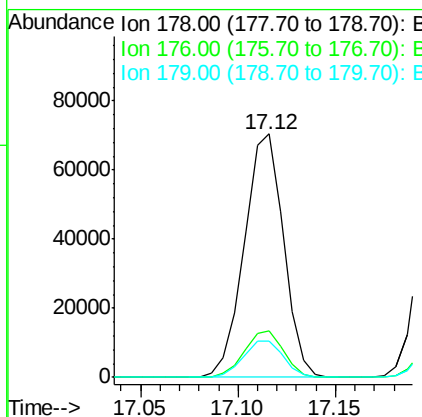
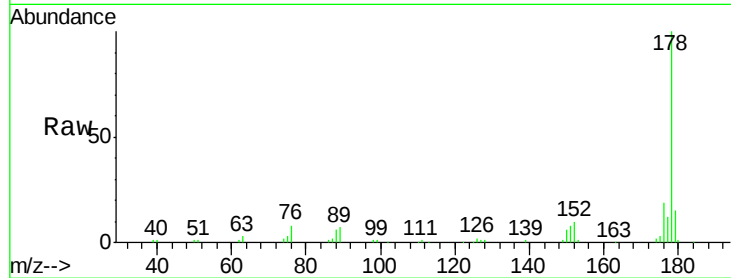
#71
Phenanthrene
Concen: 39.720 ng
RT: 17.12 min Scan# 2402
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.4	23.2
179	15.1	12.3	18.5

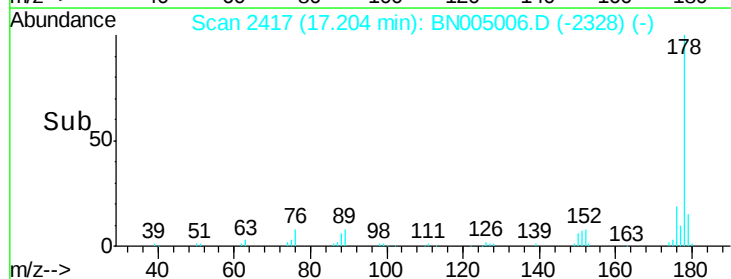
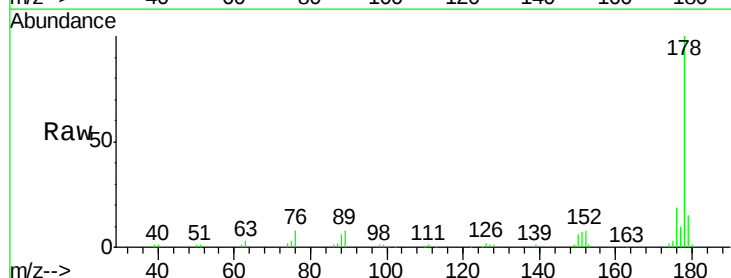
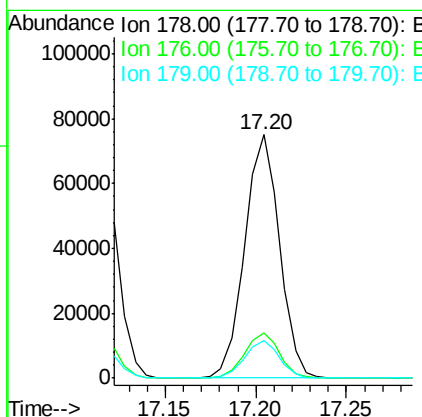
Manual Integrations
APPROVED

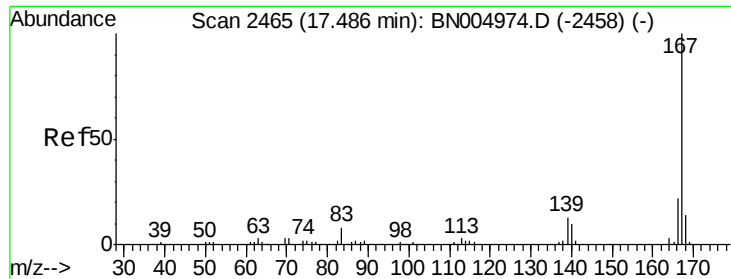
Sohil
3/28/2019 5:10:21 PM



#72
Anthracene
Concen: 40.582 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.4
179	15.5	12.3	18.5





#73

Carbazole

Concen: 38.078 ng

RT: 17.48 min Scan# 2464

Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

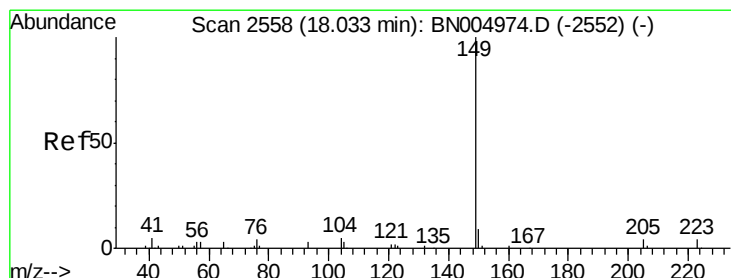
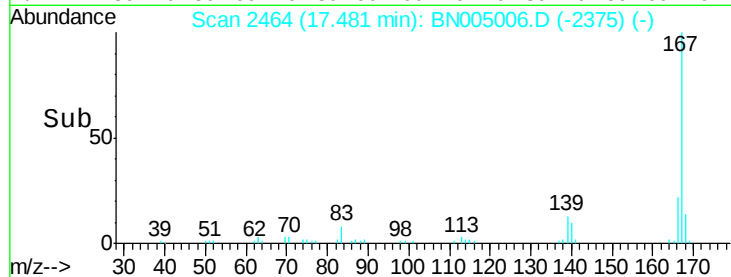
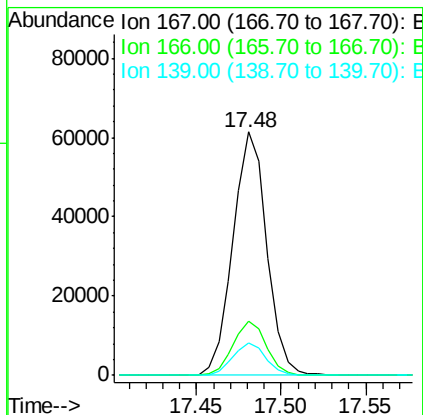
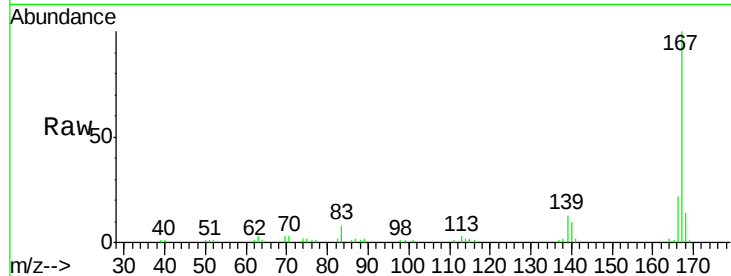
ClientSampleId :

PB118091BS

Tot Ion:	167	Resp:	85386
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.8	26.8
139	13.1	10.6	16.0

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



#74

Di-n-butylphthalate

Concen: 38.087 ng

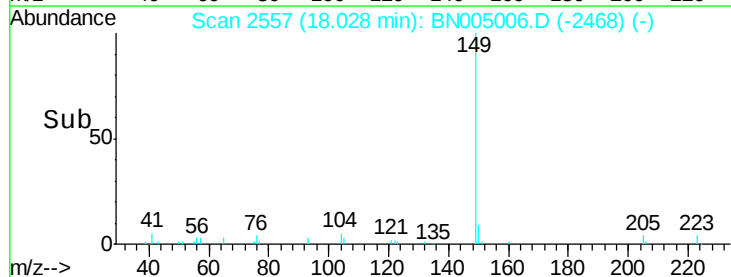
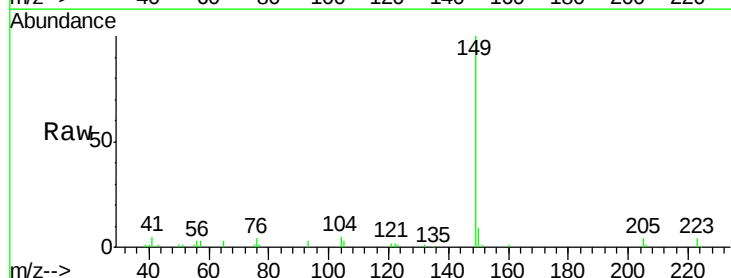
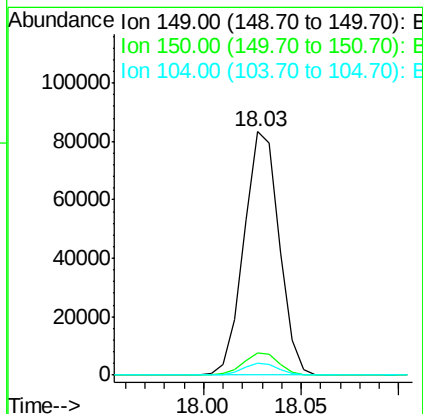
RT: 18.03 min Scan# 2557

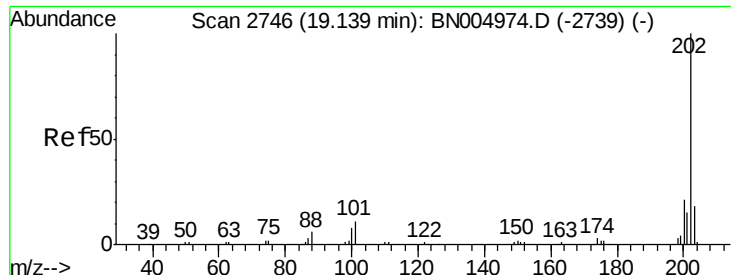
Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Tgt Ion:	149	Resp:	104040
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.4	11.0
104	4.8	3.7	5.5





#75

Fluoranthene

Concen: 37.136 ng

RT: 19.13 min Scan# 2745

Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

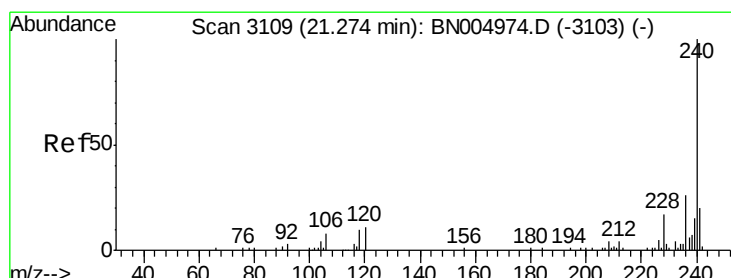
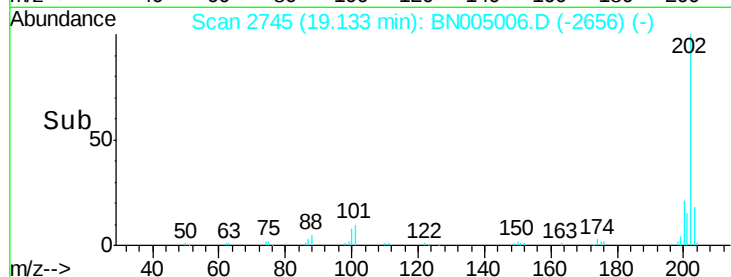
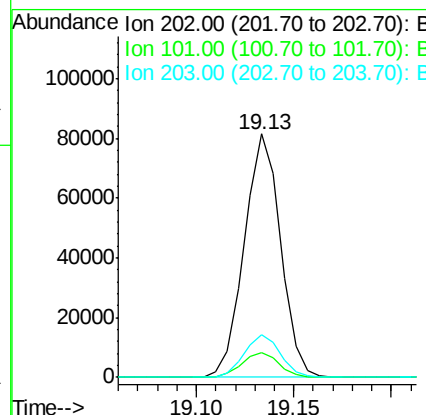
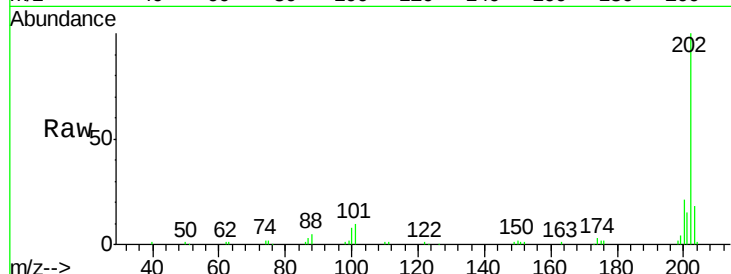
ClientSampled :

PB118091BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	10.4	0.0	31.1
203	17.6	0.0	37.5

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



#76

Chrysene-d12

Concen: 20.000 ng

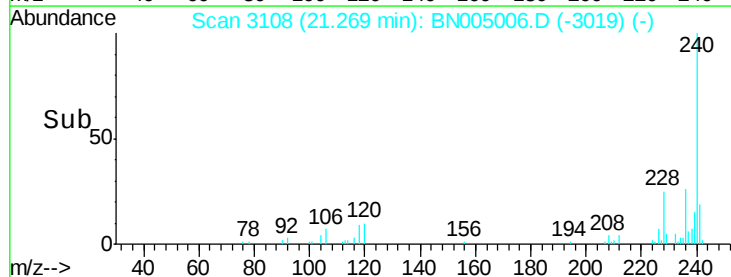
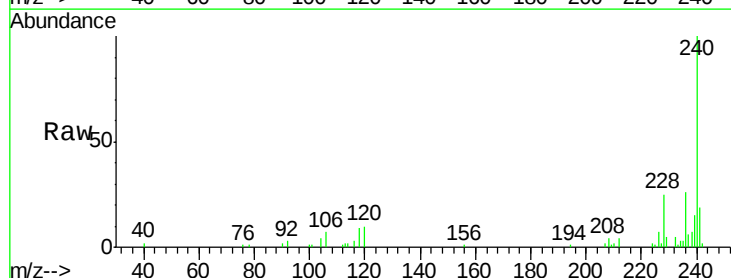
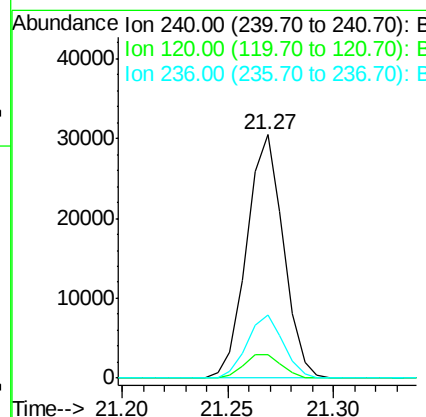
RT: 21.27 min Scan# 3108

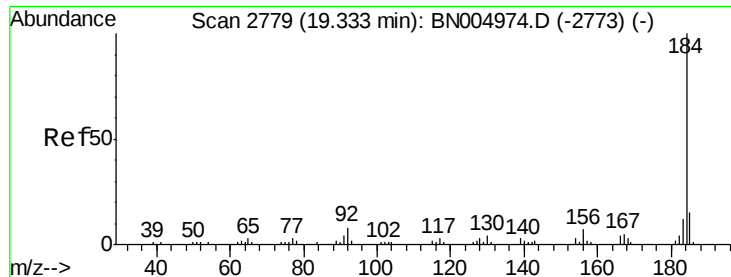
Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	9.7	8.5	12.7
236	25.7	21.2	31.8





#77

Benzidine

Concen: 38.497 ng

RT: 19.33 min Scan# 2778

Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

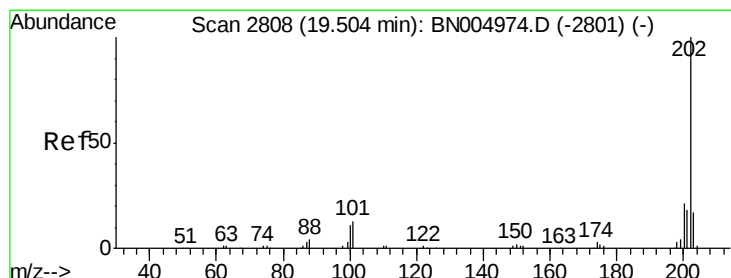
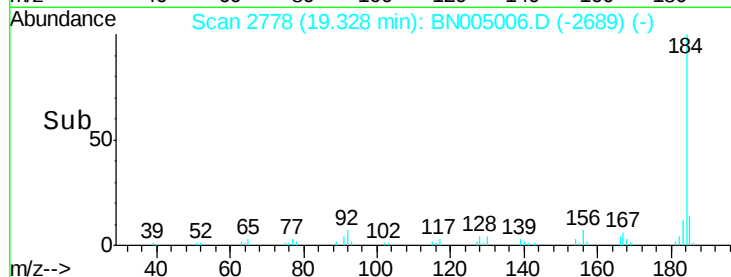
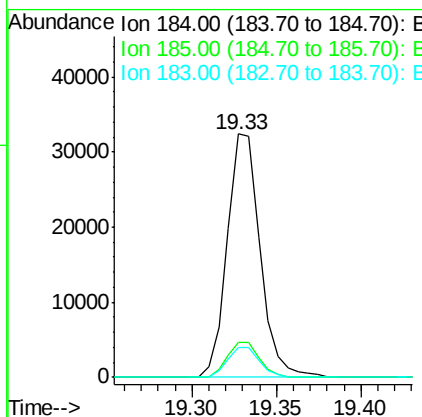
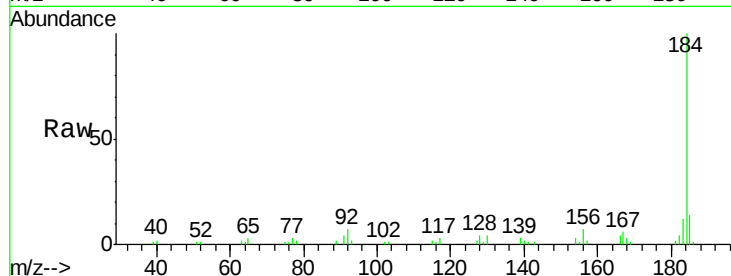
ClientSampleId :

PB118091BS

Tot Ion:	184	Resp:	43909
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.8	17.8
183	12.1	9.9	14.9

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



#78

Pyrene

Concen: 42.650 ng

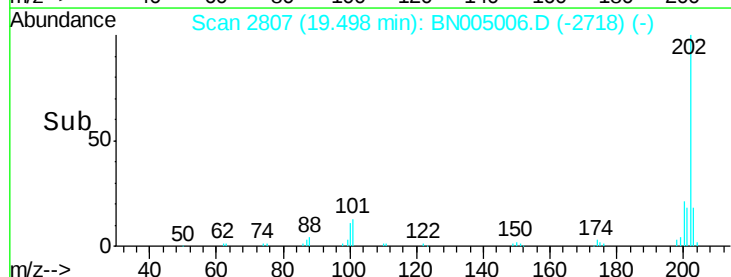
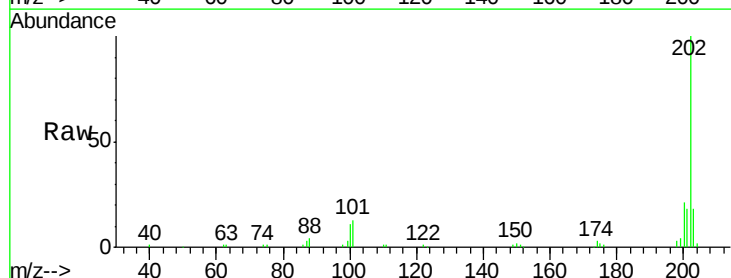
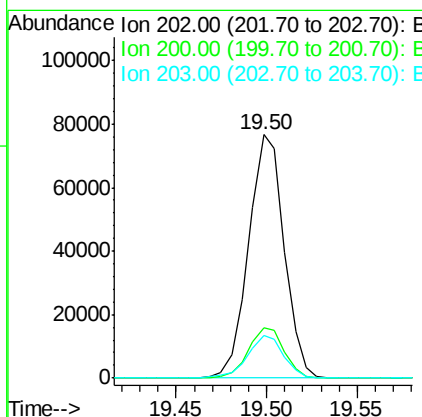
RT: 19.50 min Scan# 2807

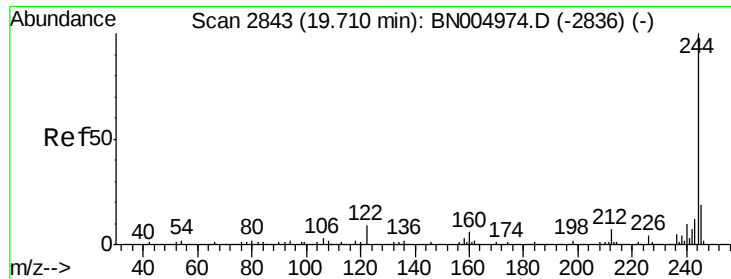
Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Tgt Ion:	202	Resp:	104227
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	17.6	14.0	21.0





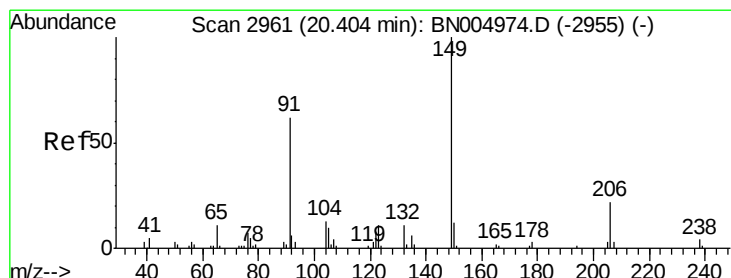
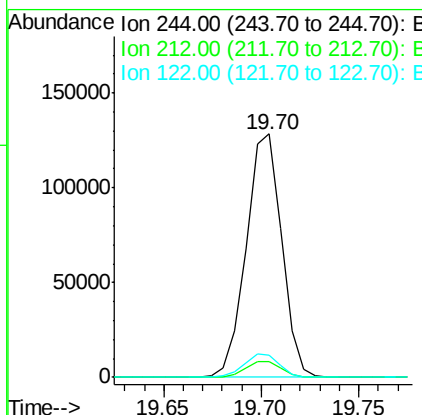
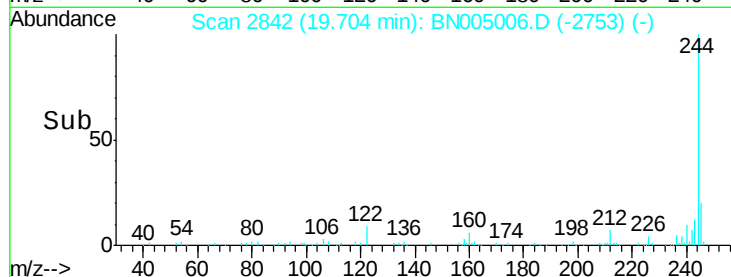
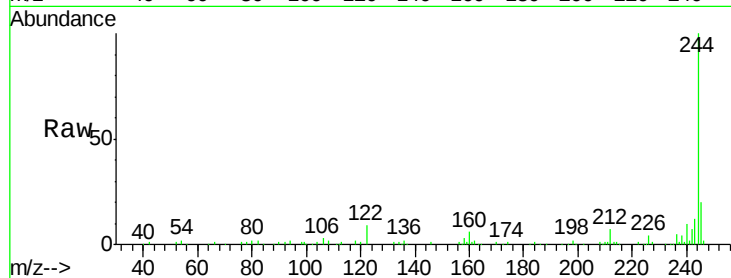
#79
 Terphenyl-d14
 Concen: 84.963 ng
 RT: 19.70 min Scan# 2842
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.0
122	9.2	7.4	11.2

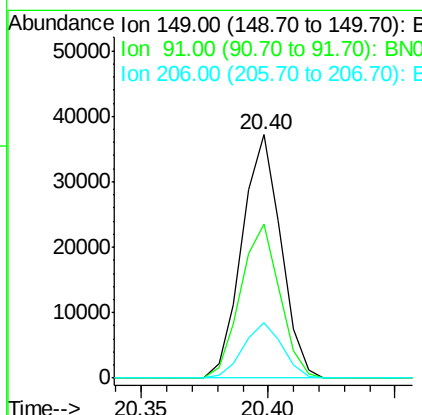
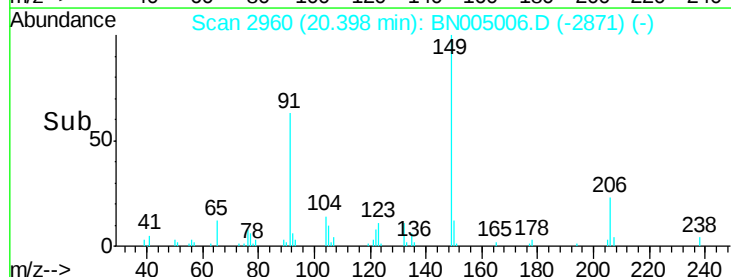
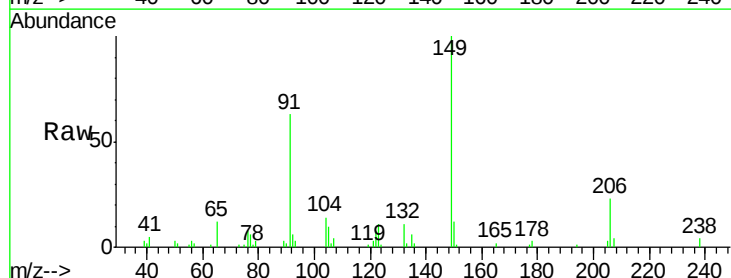
Manual Integrations
 APPROVED

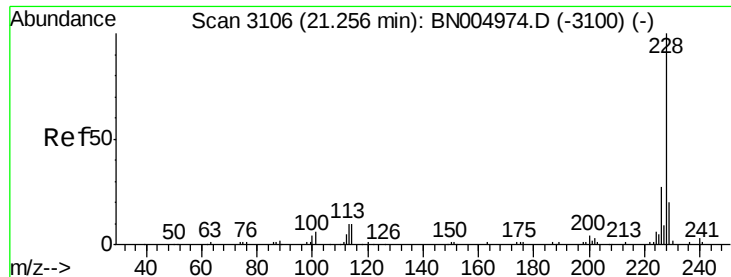
Sohil
 3/28/2019 5:10:21 PM



#80
 Butylbenzylphthalate
 Concen: 39.940 ng
 RT: 20.40 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.1	49.3	73.9
206	22.9	17.9	26.9





#81

Benzo(a)anthracene

Concen: 38.786 ng

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

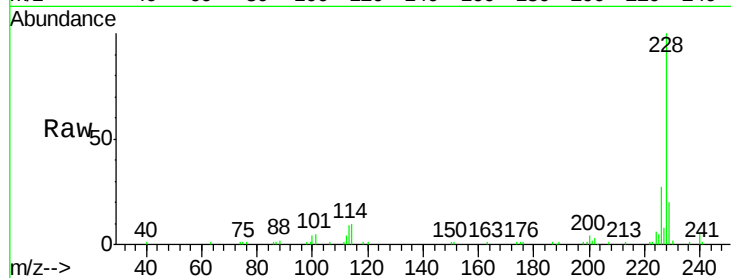
ClientSampleId :

PB118091BS

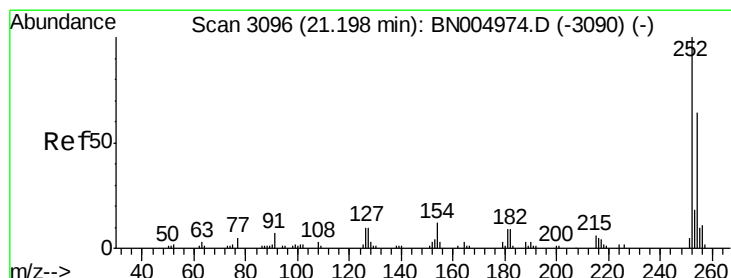
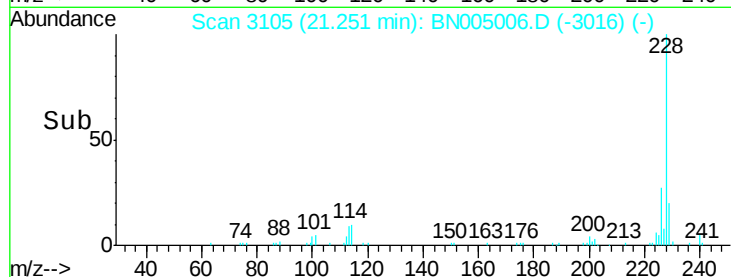
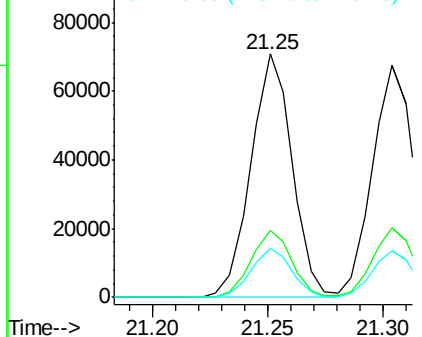
Tot Ion:	228	Resp:	88422
Ion Ratio	Lower	Upper	
228	100		
226	27.3	21.8	32.6
229	19.9	15.9	23.9

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



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



#82

3,3'-Dichlorobenzidine

Concen: 22.431 ng

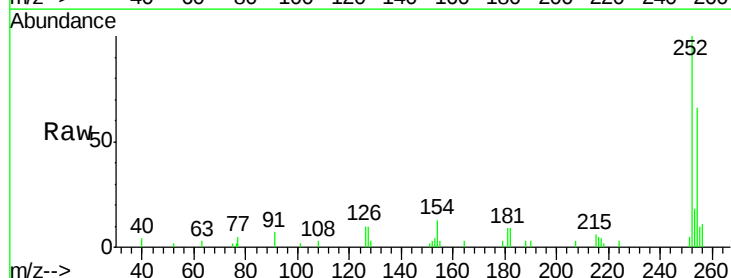
RT: 21.19 min Scan# 3095

Delta R.T. -0.01 min

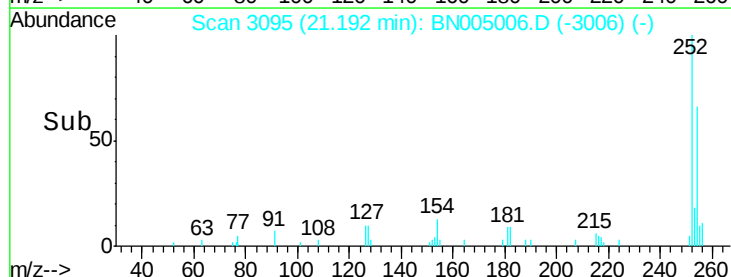
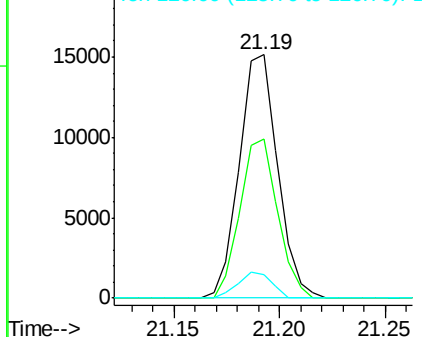
Lab File: BN005006.D

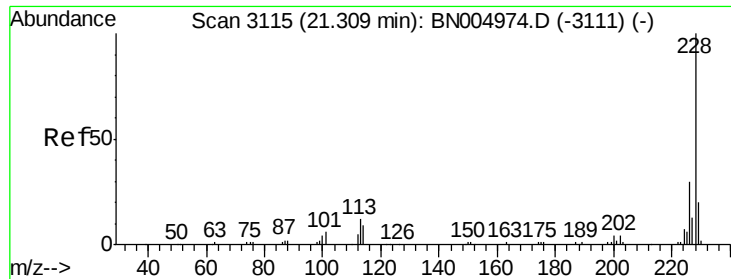
Acq: 27 Mar 2019 22:13

Tgt Ion:	252	Resp:	19122
Ion Ratio	Lower	Upper	
252	100		
254	65.5	51.5	77.3
126	9.5	7.9	11.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





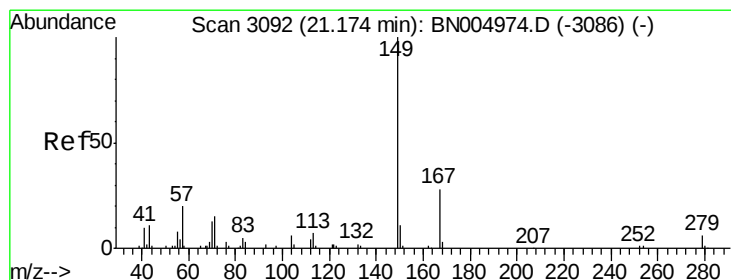
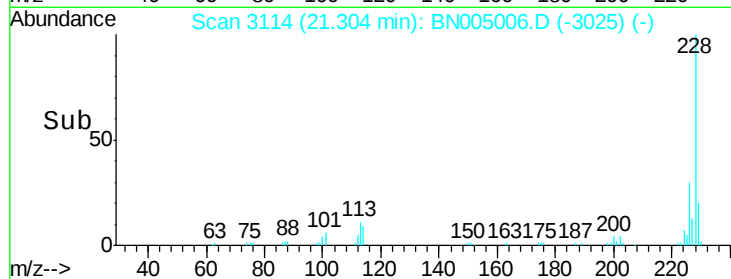
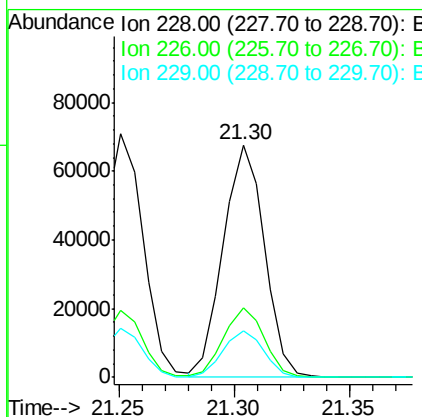
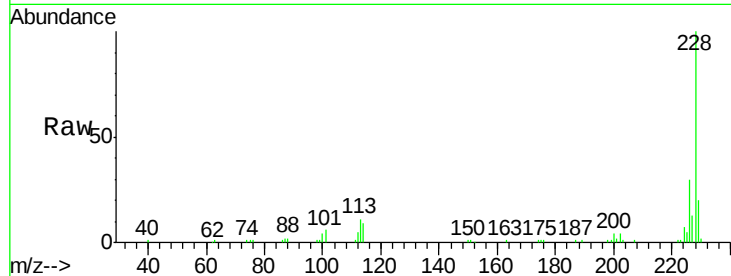
#83
 Chrysene
 Concen: 38.684 ng
 RT: 21.30 min Scan# 3114
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Instrument :
 BNA_N
 ClientSampleId :
 PB118091BS

Tot Ion:	228	Resp:	84236
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.2	36.2
229	19.8	15.8	23.8

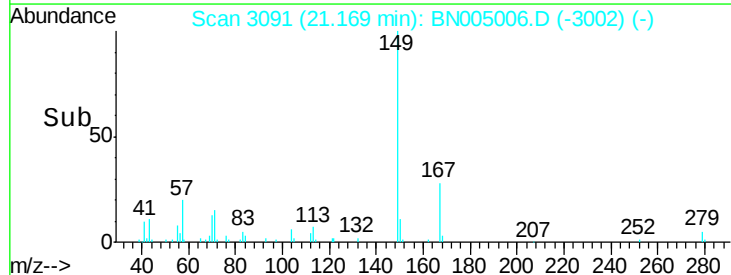
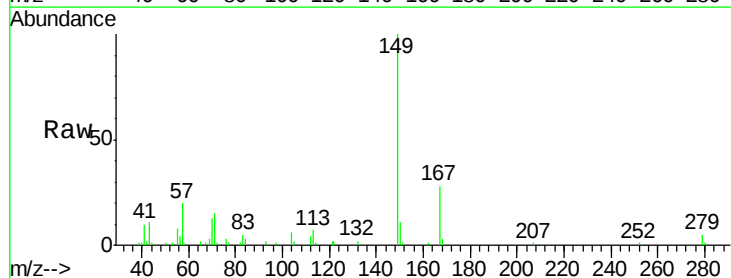
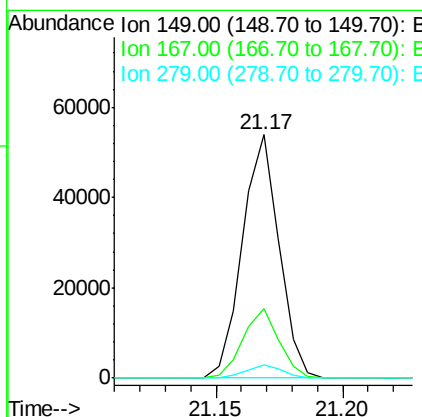
Manual Integrations
 APPROVED

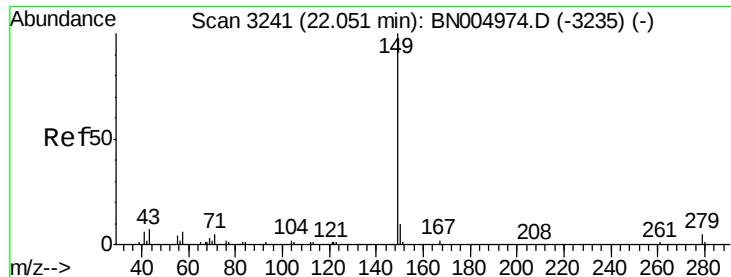
Sohil
 3/28/2019 5:10:21 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 39.469 ng
 RT: 21.17 min Scan# 3091
 Delta R.T. -0.01 min
 Lab File: BN005006.D
 Acq: 27 Mar 2019 22:13

Tgt Ion:	149	Resp:	54227
Ion Ratio	Lower	Upper	
149	100		
167	28.3	22.5	33.7
279	5.5	4.5	6.7





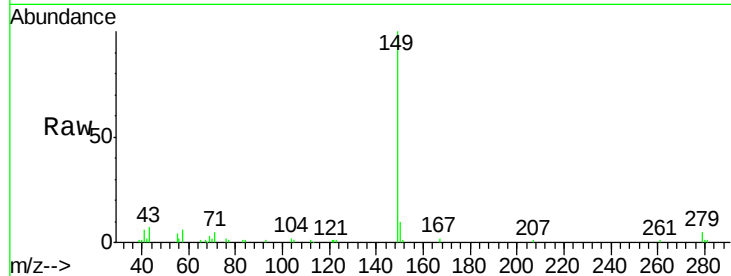
#85
Di-n-octyl phthalate
Concen: 37.908 ng
RT: 22.05 min Scan# 3240
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

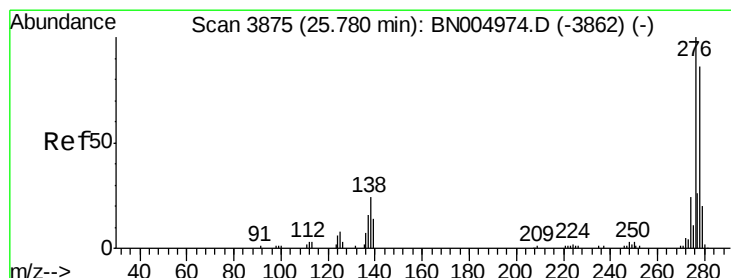
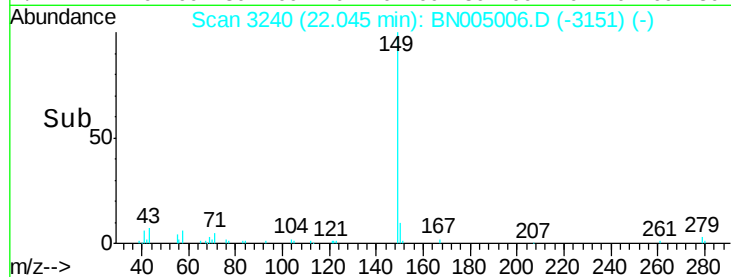
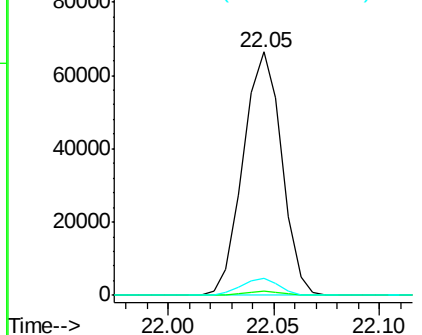
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	6.9	5.8	8.6

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



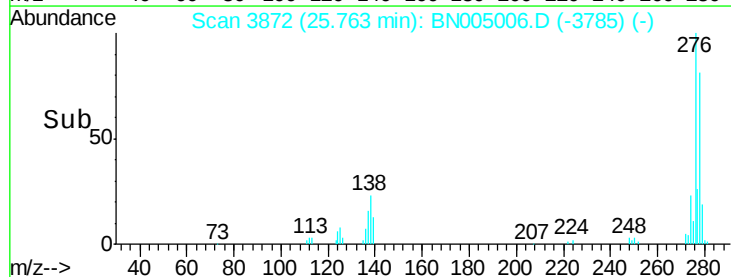
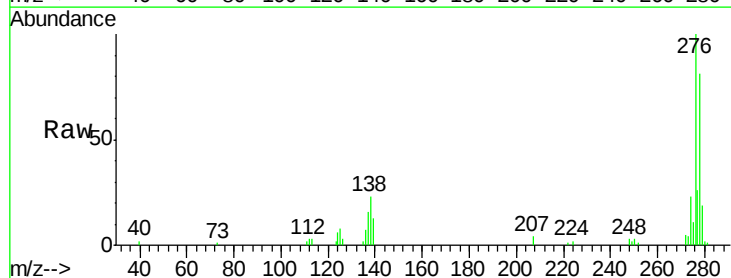
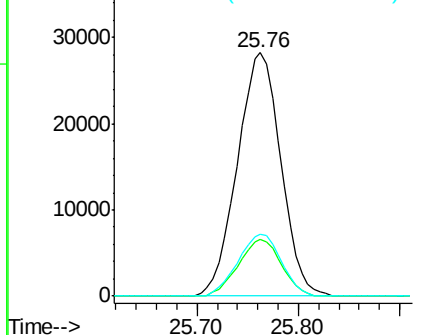
Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BNC

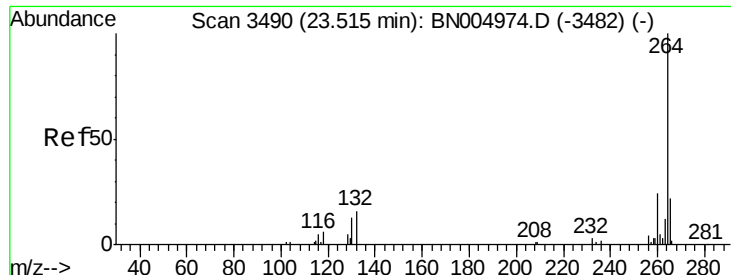


#86
Indeno(1,2,3-cd)pyrene
Concen: 33.891 ng
RT: 25.76 min Scan# 3872
Delta R.T. -0.02 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	23.0	18.5	27.7
277	25.4	20.4	30.6

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





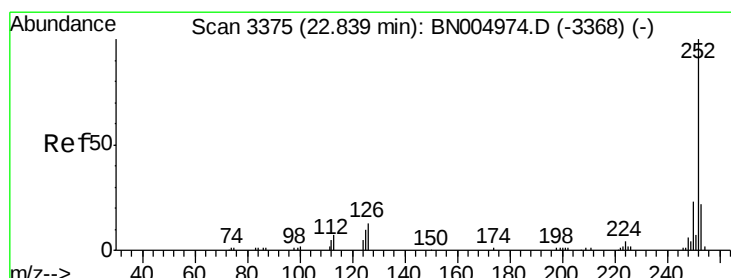
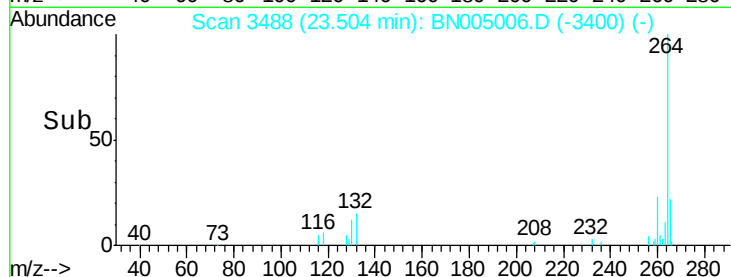
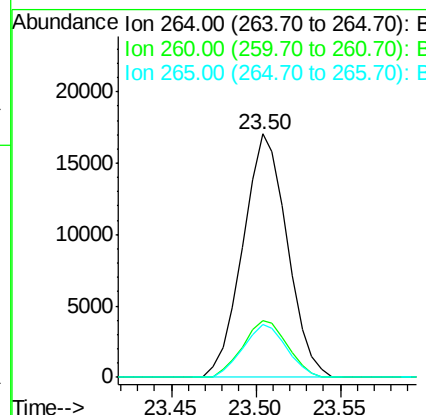
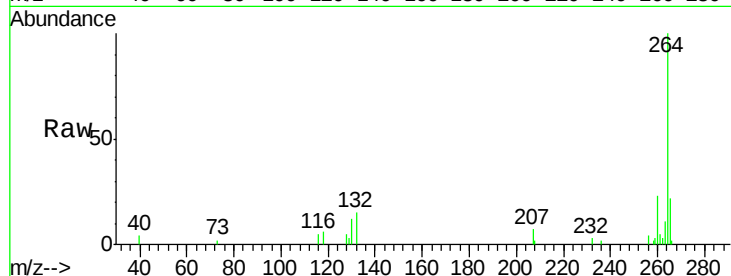
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.0	28.4
265	21.6	17.2	25.8

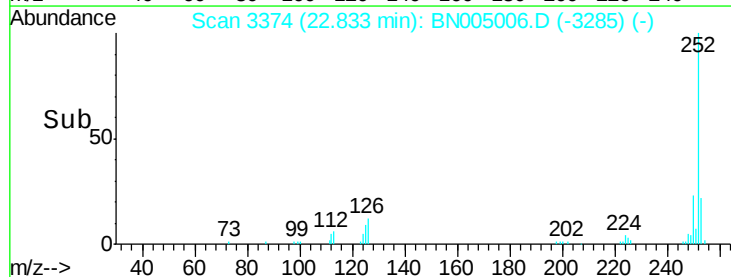
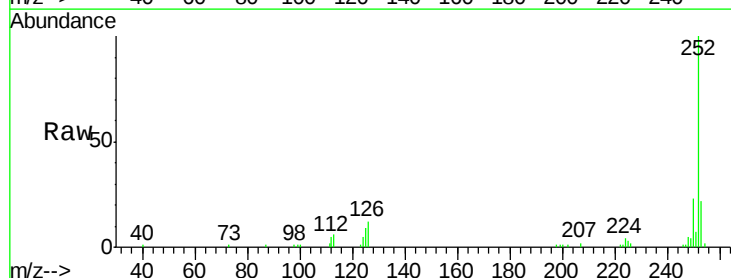
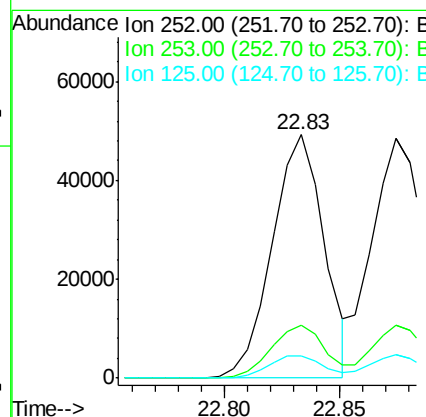
Manual Integrations
APPROVED

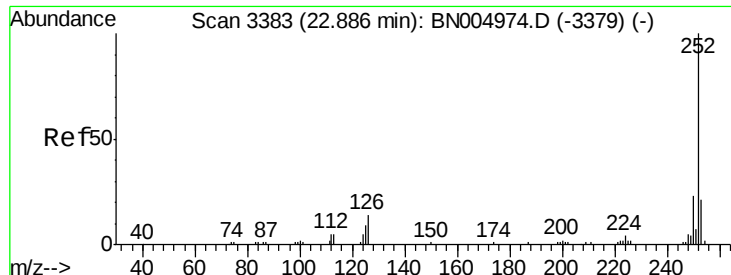
Sohil
3/28/2019 5:10:21 PM



#88
Benzo(b)fluoranthene
Concen: 40.260 ng
RT: 22.83 min Scan# 3374
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.6	26.4
125	9.2	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 44.718 ng

RT: 22.87 min Scan# 3381

Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Instrument :

BNA_N

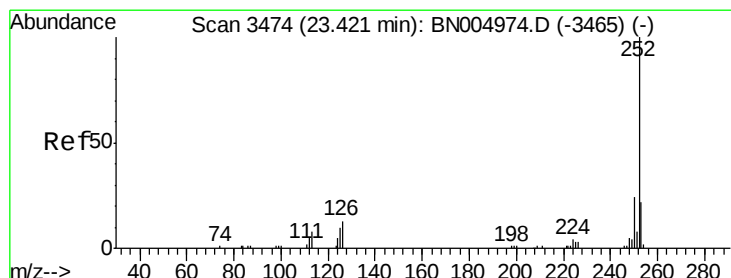
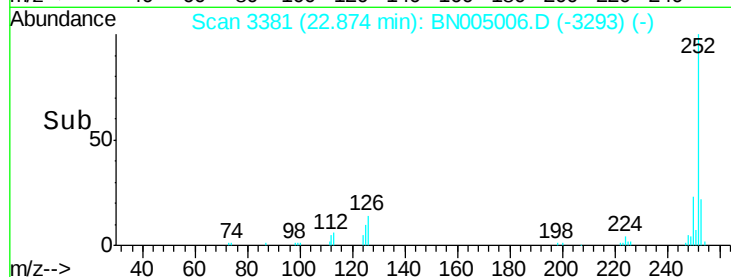
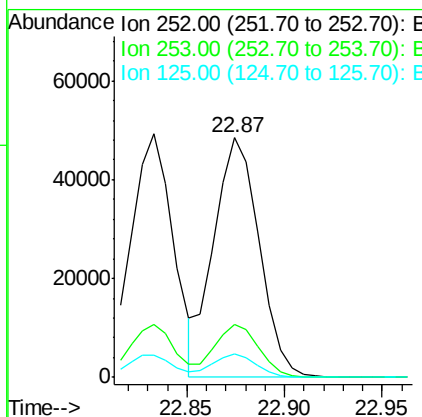
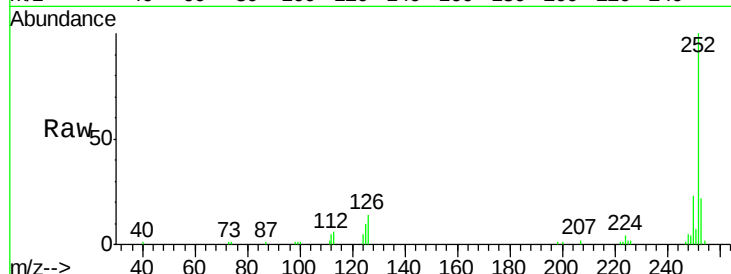
ClientSampleId :

PB118091BS

Tot Ion:	252	Resp:	78376
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.1	25.7
125	9.7	7.6	11.4

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



#90

Benzo(a)pyrene

Concen: 41.828 ng

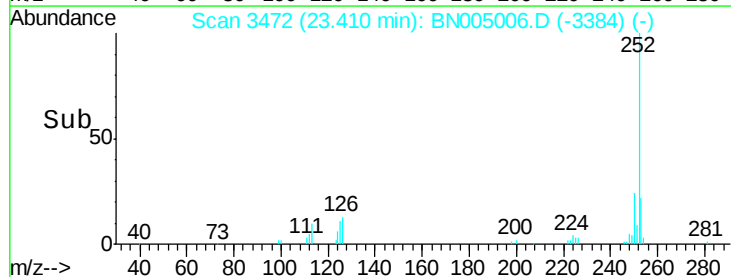
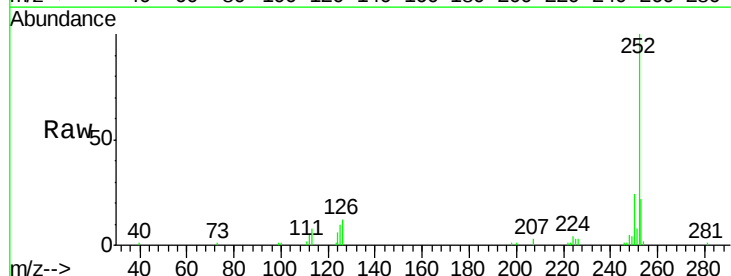
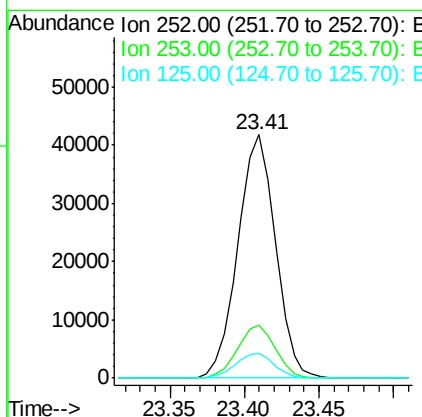
RT: 23.41 min Scan# 3472

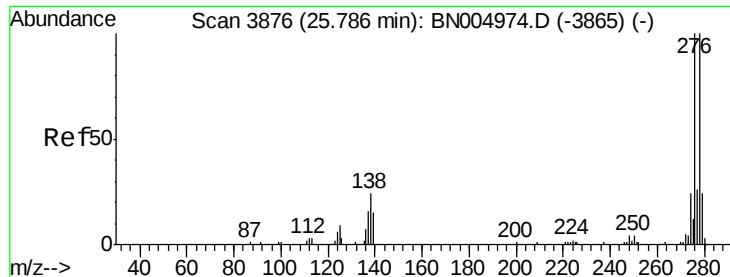
Delta R.T. -0.01 min

Lab File: BN005006.D

Acq: 27 Mar 2019 22:13

Tgt Ion:	252	Resp:	73157
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.7	26.5
125	10.0	8.2	12.4





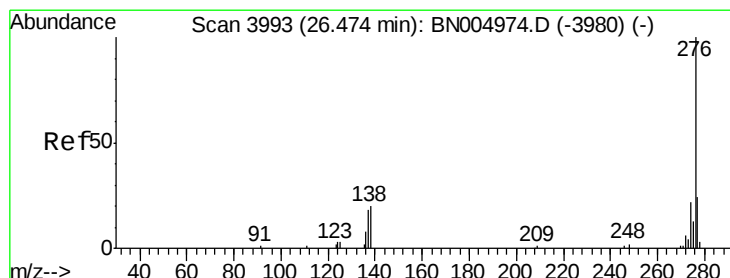
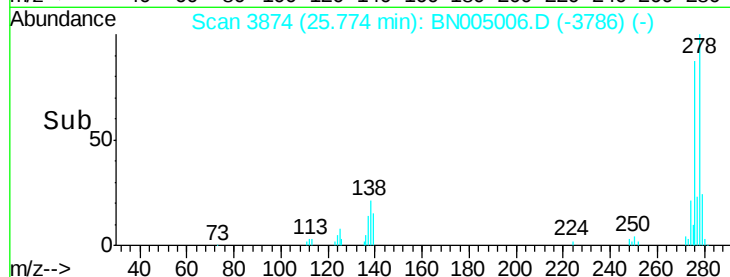
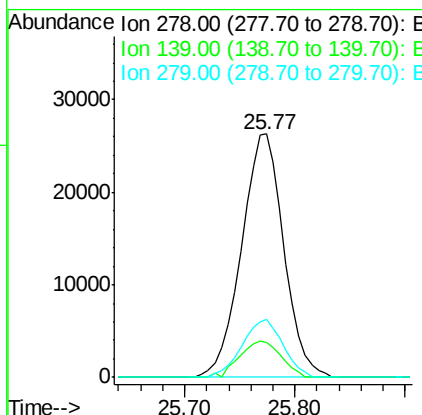
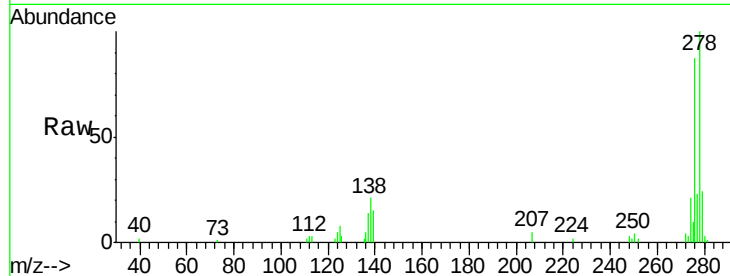
#91
Dibenzo(a,h)anthracene
Concen: 40.071 ng
RT: 25.77 min Scan# 3874
Delta R.T. -0.01 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Instrument :
BNA_N
ClientSampleId :
PB118091BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.5	11.8	17.8
279	23.6	19.3	28.9

Manual Integrations
APPROVED

Sohil
3/28/2019 5:10:21 PM



#92
Benzo(g,h,i)perylene
Concen: 39.921 ng
RT: 26.46 min Scan# 3990
Delta R.T. -0.02 min
Lab File: BN005006.D
Acq: 27 Mar 2019 22:13

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	20.8	16.2	24.2

