

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113325.D
 Acq On : 27 Mar 2019 12:32
 Operator : JU/SJ
 Sample : K1933-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Manual Integrations
 APPROVED

Sohil
 3/28/2019 8:41:38 AM

Quant Time: Mar 28 01:28:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	169880	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	622028	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	306519	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	616450	20.00	ng	0.00
76) Chrysene-d12	13.84	240	388071	20.00	ng	0.00
87) Perylene-d12	15.24	264	406631	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.33	112	1327629	127.79	ng	0.01
7) Phenol-d6	6.36	99	1728082	131.48	ng	0.00
23) Nitrobenzene-d5	7.27	82	1073558	102.44	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	478747	126.44	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1689634	86.76	ng	0.00
79) Terphenyl-d14	12.79	244	1717625	97.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.41	88	202401	38.397	ng	98
3) Pyridine	3.12	79	521635	40.141	ng	97
4) n-Nitrosodimethylamine	3.05	42	236584	40.953	ng	90
6) Aniline	6.37	93	224516	14.027	ng	# 1
8) 2-Chlorophenol	6.50	128	495349	41.057	ng	93
9) Benzaldehyde	6.25	77	167626	19.006	ng	97
10) Phenol	6.37	94	606230	40.402	ng	81
11) bis(2-Chloroethyl)ether	6.45	93	469132	40.788	ng	100
12) 1,3-Dichlorobenzene	6.65	146	513219	39.463	ng	99
13) 1,4-Dichlorobenzene	6.72	146	528791	42.112	ng	99
14) 1,2-Dichlorobenzene	6.87	146	486648	39.394	ng	98
15) Benzyl Alcohol	6.85	79	394300	45.475	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.99	45	725908	42.012	ng	96
17) 2-Methylphenol	6.97	107	414506	43.840	ng	98
18) Hexachloroethane	7.22	117	184435	40.894	ng	95
19) n-Nitroso-di-n-propylamine	7.13	70	333073	40.344	ng	97
20) 3+4-Methylphenols	7.13	107	516666	48.087	ng	96
22) Acetophenone	7.12	105	669822	47.218	ng	98
24) Nitrobenzene	7.29	77	522209	47.751	ng	95
25) Isophorone	7.53	82	952214	46.885	ng	98
26) 2-Nitrophenol	7.60	139	272373	47.119	ng	97
27) 2,4-Dimethylphenol	7.65	122	451784	54.332	ng	99
28) bis(2-Chloroethoxy)methane	7.74	93	599040	46.837	ng	99
29) 2,4-Dichlorophenol	7.85	162	433657	48.125	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	446430	45.920	ng	98
31) Naphthalene	8.01	128	1408544	46.338	ng	99
32) Benzoic acid	7.73	122	22633	3.381	ng	# 80
33) 4-Chloroaniline	8.06	127	145578	12.282	ng	98
34) Hexachlorobutadiene	8.13	225	255413	44.202	ng	97
35) Caprolactam	8.43	113	137825m	47.657	ng	
36) 4-Chloro-3-methylphenol	8.56	107	451302	49.794	ng	97
37) 2-Methylnaphthalene	8.70	142	933353	49.210	ng	100
38) 1-Methylnaphthalene	8.80	142	884866	48.504	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	425319	43.227	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113325.D
 Acq On : 27 Mar 2019 12:32
 Operator : JU/SJ
 Sample : K1933-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Manual Integrations
 APPROVED

Sohil
 3/28/2019 8:41:38 AM

Quant Time: Mar 28 01:28:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	345813	83.035	nq	98
43) 2,4,6-Trichlorophenol	8.99	196	300045	46.829	nq	99
44) 2,4,5-Trichlorophenol	9.03	196	319479	45.055	nq	98
46) 1,1'-Biphenyl	9.16	154	1118078	43.674	nq	99
47) 2-Chloronaphthalene	9.19	162	879322	44.611	nq	100
48) 2-Nitroaniline	9.29	65	297619	48.114	nq	98
49) Acenaphthylene	9.60	152	1424453	44.695	nq	100
50) Dimethylphthalate	9.47	163	1158769	51.012	nq	100
51) 2,6-Dinitrotoluene	9.53	165	241807	47.186	nq	97
52) Acenaphthene	9.77	154	809266	45.089	nq	99
53) 3-Nitroaniline	9.69	138	138284	23.929	nq	94
54) 2,4-Dinitrophenol	9.81	184	48431	19.002	nq	# 87
55) Dibenzofuran	9.95	168	1223237	45.335	nq	98
56) 4-Nitrophenol	9.87	139	323010	78.399	nq	96
57) 2,4-Dinitrotoluene	9.93	165	303887	46.631	nq	99
58) Fluorene	10.29	166	927434	44.246	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.07	232	251579	41.955	nq	99
60) Diethylphthalate	10.16	149	1015445	45.569	nq	99
61) 4-Chlorophenyl-phenylether	10.27	204	453784	44.419	nq	97
62) 4-Nitroaniline	10.31	138	267053	44.882	nq	99
63) Azobenzene	10.43	77	958274	45.683	nq	96
65) 4,6-Dinitro-2-methylphenol	10.35	198	76711	22.748	nq	97
66) n-Nitrosodiphenylamine	10.40	169	876623	46.343	nq	98
67) 4-Bromophenyl-phenylether	10.76	248	304203	45.276	nq	98
68) Hexachlorobenzene	10.83	284	355746	45.615	nq	# 93
69) Atrazine	10.93	200	280065	46.908	nq	97
70) Pentachlorophenol	11.03	266	237272	58.395	nq	99
71) Phenanthrene	11.24	178	1386713	45.298	nq	99
72) Anthracene	11.29	178	1448794	46.593	nq	99
73) Carbazole	11.45	167	1369169	46.145	nq	100
74) Di-n-butylphthalate	11.78	149	1558368	45.291	nq	99
75) Fluoranthene	12.42	202	1457701	42.121	nq	99
77) Benzidine	12.54	184	182870	12.305	nq	97
78) Pyrene	12.65	202	1450688	53.945	nq	100
80) Butylbenzylphthalate	13.27	149	582422	49.143	nq	95
81) Benzo(a)anthracene	13.83	228	998056	44.929	nq	100
82) 3,3'-Dichlorobenzidine	13.79	252	201181	22.575	nq	99
83) Chrysene	13.87	228	1042186	46.190	nq	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	681729	46.922	nq	99
85) Di-n-octyl phthalate	14.43	149	1127733	45.728	nq	99
86) Indeno(1,2,3-cd)pyrene	16.60	276	1302686	67.273	nq	98
88) Benzo(b)fluoranthene	14.85	252	1092261	43.241	nq	100
89) Benzo(k)fluoranthene	14.87	252	942807	42.502	nq	98
90) Benzo(a)pyrene	15.19	252	1028052	45.908	nq	99
91) Dibenzo(a,h)anthracene	16.62	278	1081143	55.836	nq	99
92) Benzo(g,h,i)perylene	17.01	276	1144808	58.638	nq	98

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

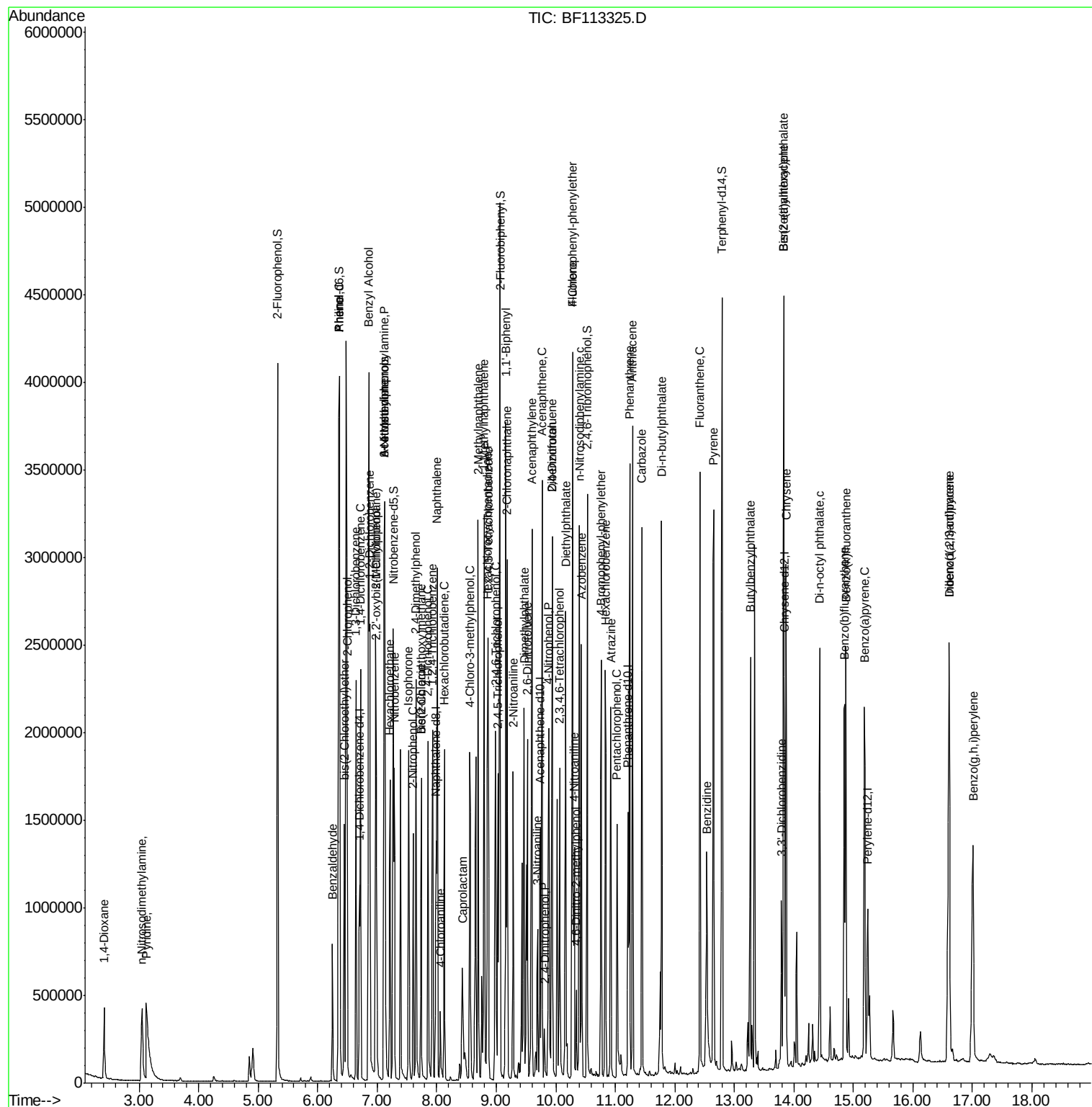
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032719\
 Data File : BF113325.D
 Acq On : 27 Mar 2019 12:32
 Operator : JU/SJ
 Sample : K1933-01MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

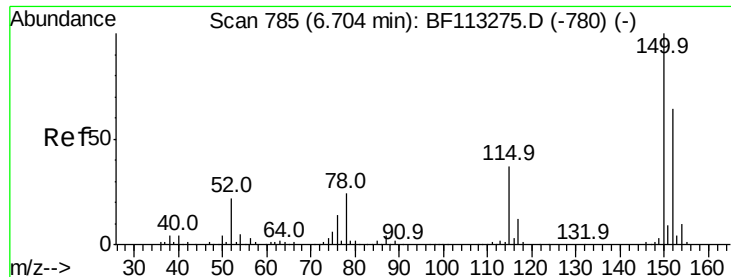
Instrument :
 BNA_F
 ClientSampled :
 S-1MS

Manual Integrations
 APPROVED

Sohil
 3/28/2019 8:41:38 AM

Quant Time: Mar 28 01:28:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration





#1

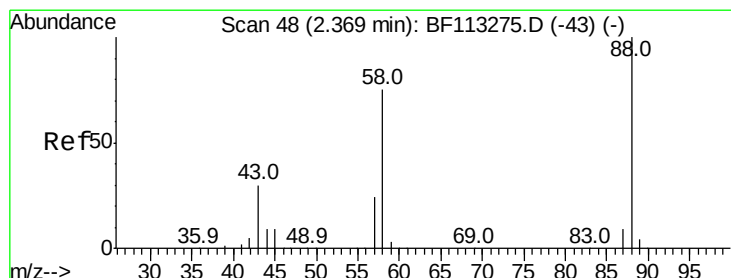
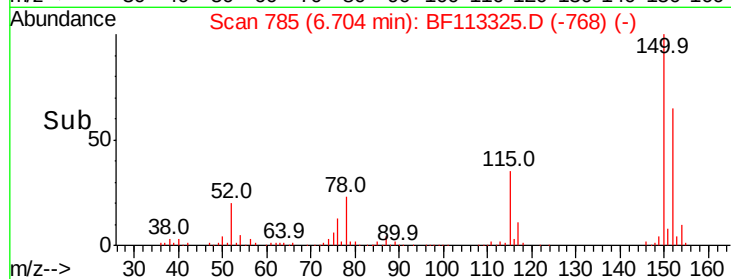
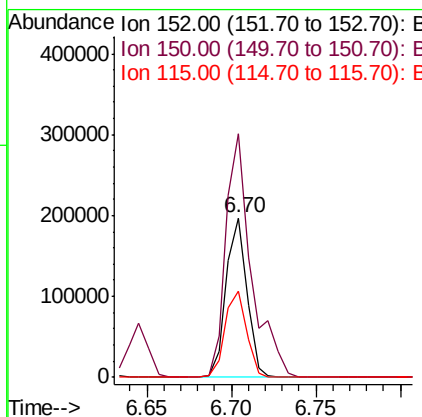
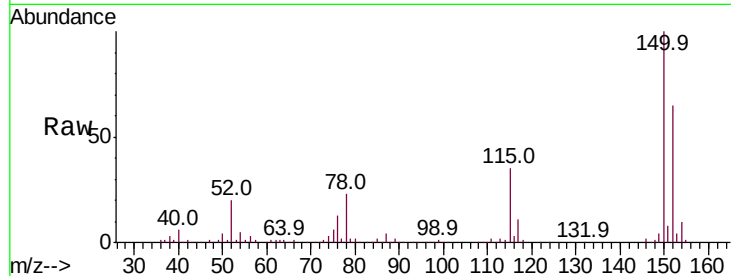
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 785
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.9	124.7	187.1
115	53.9	46.0	69.0

Manual Integrations
APPROVED

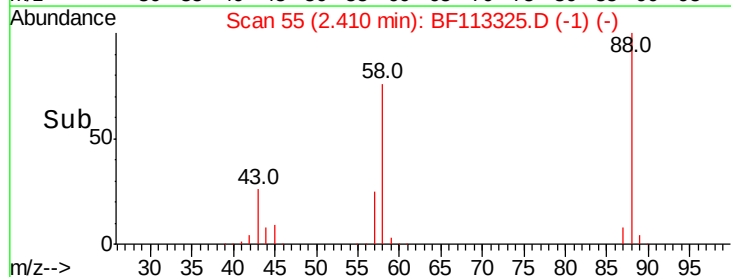
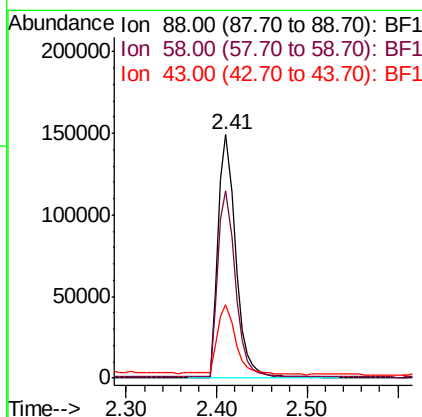
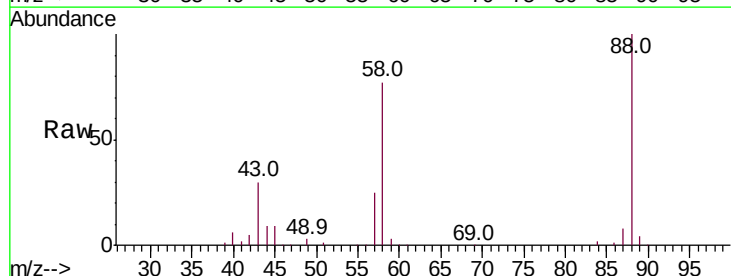
Sohil
3/28/2019 8:41:38 AM

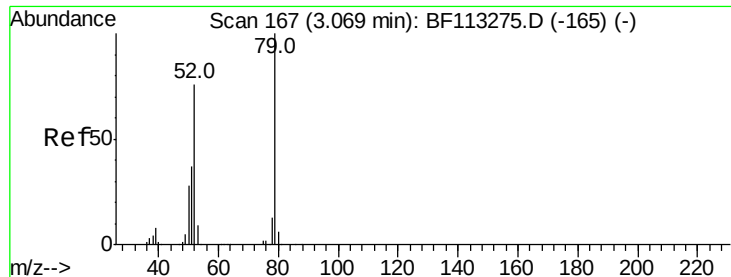


#2

1,4-Dioxane
Concen: 38.397 ng
RT: 2.41 min Scan# 55
Delta R.T. 0.04 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
88	100		
58	75.3	61.9	92.9
43	30.2	24.2	36.4





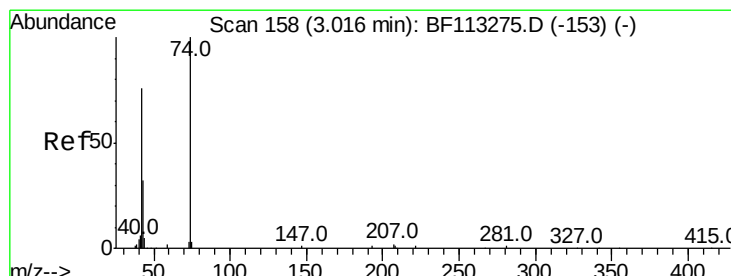
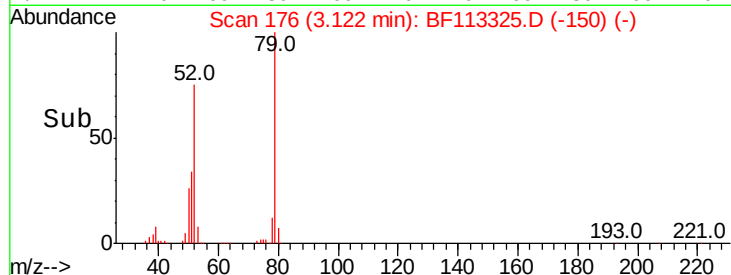
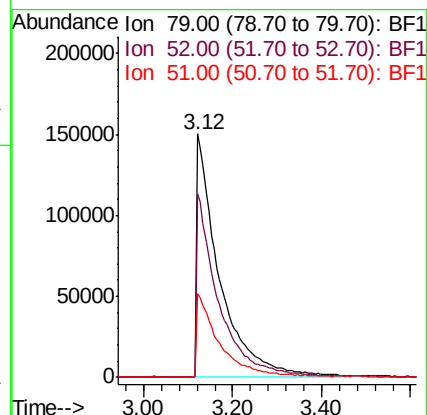
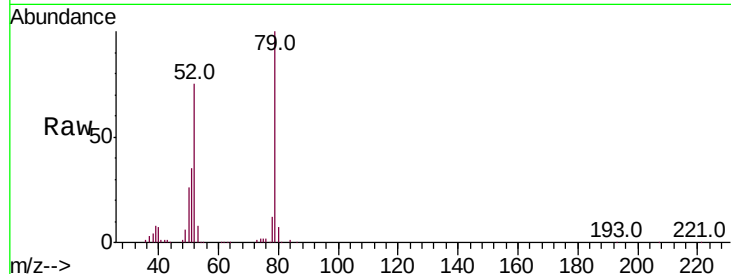
#3
 Pvridine
 Concen: 40.141 ng
 RT: 3.12 min Scan# 176
 Delta R.T. 0.05 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tot Ion	Ratio	Lower	Upper
79	100		
52	75.2	61.0	91.4
51	34.6	30.6	45.8

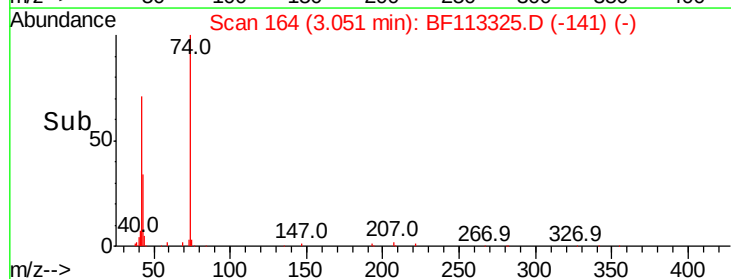
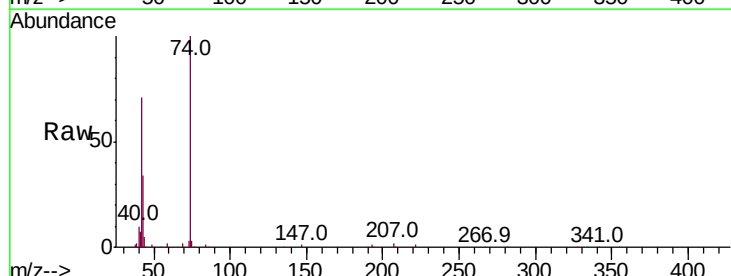
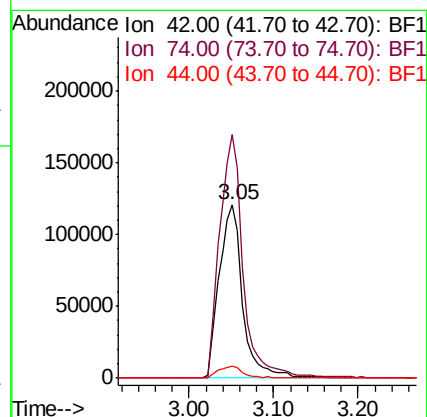
Manual Integrations
 APPROVED

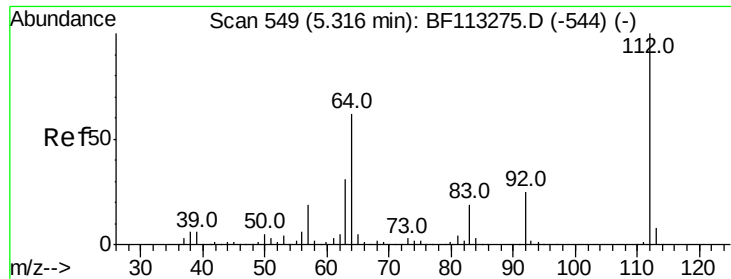
Sohil
 3/28/2019 8:41:38 AM



#4
 n-Nitrosodimethylamine
 Concen: 40.953 ng
 RT: 3.05 min Scan# 164
 Delta R.T. 0.04 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
42	100		
74	140.3	102.4	153.6
44	7.0	5.5	8.3





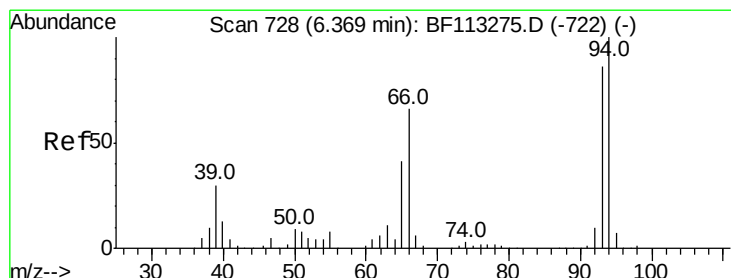
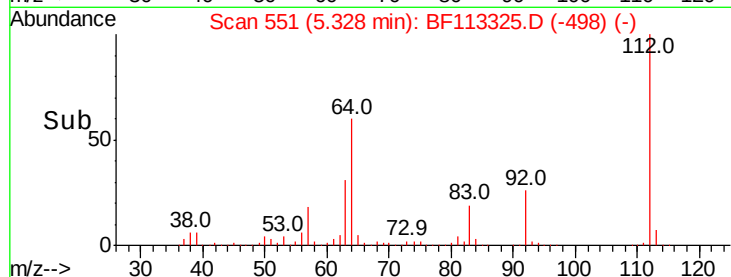
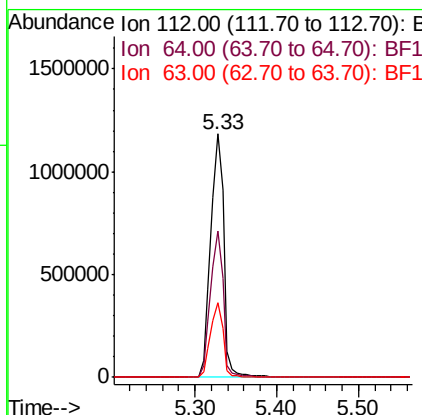
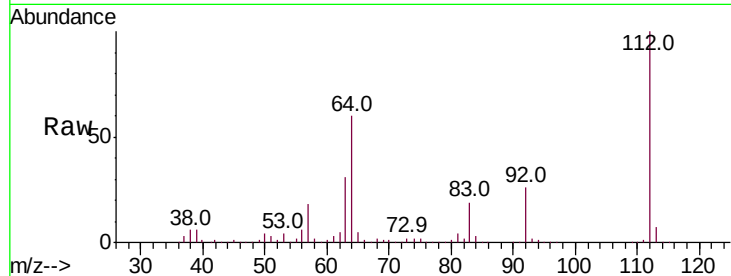
#5
2-Fluorophenol
Concen: 127.786 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
112	100		
64	60.3	49.2	73.8
63	30.8	24.9	37.3

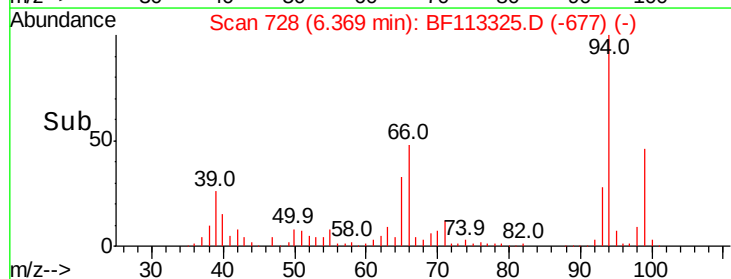
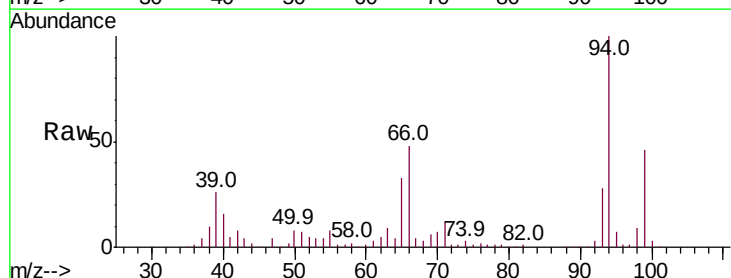
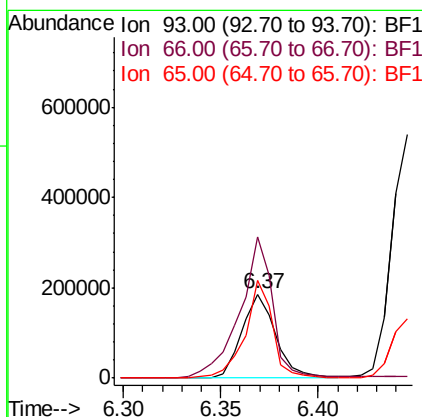
Manual Integrations
APPROVED

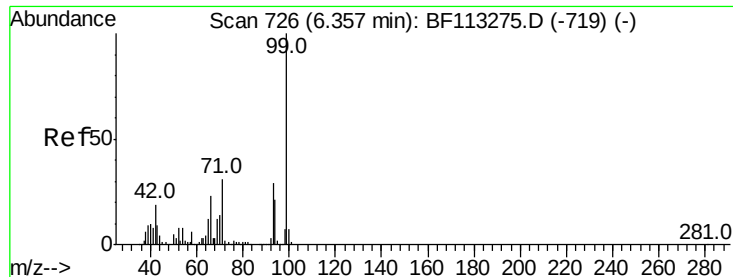
Sohil
3/28/2019 8:41:38 AM



#6
Aniline
Concen: 14.027 ng
RT: 6.37 min Scan# 728
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
93	100		
66	169.0	62.1	93.1#
65	116.4	38.7	58.1#





#7

Phenol-d6

Concen: 131.481 ng

RT: 6.36 min Scan# 726

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampled :

S-1MS

Tot Ion: 99 Resp: 1728082

Ion Ratio Lower Upper

99 100

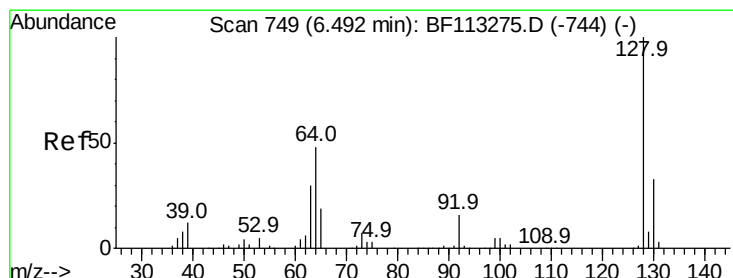
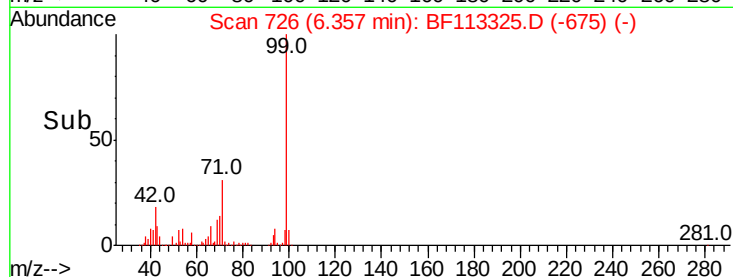
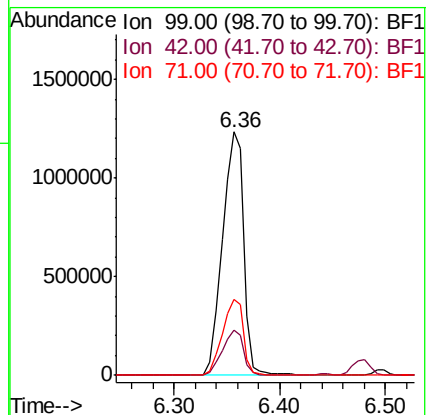
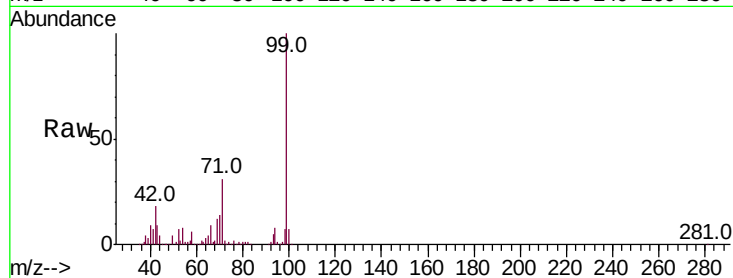
42 18.4 14.8 22.2

71 31.4 24.9 37.3

Manual Integrations
APPROVED

Sohil

3/28/2019 8:41:38 AM



#8

2-Chlorophenol

Concen: 41.057 ng

RT: 6.50 min Scan# 750

Delta R.T. 0.01 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

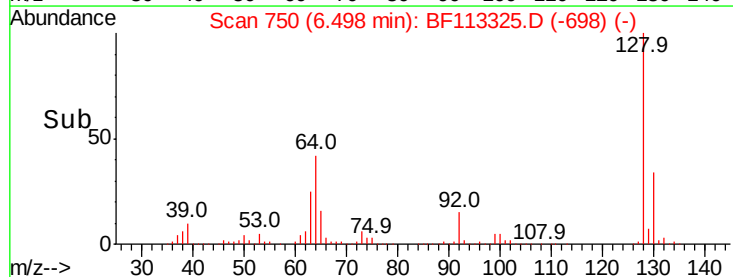
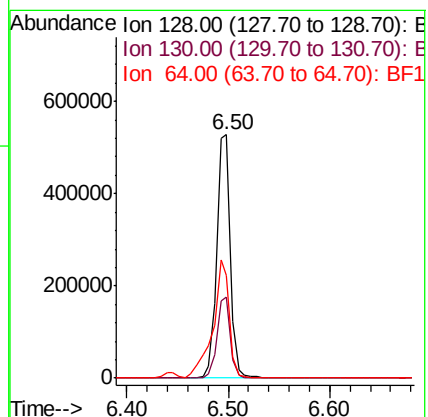
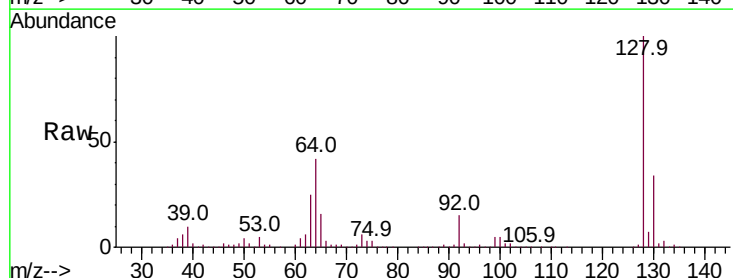
Tgt Ion: 128 Resp: 495349

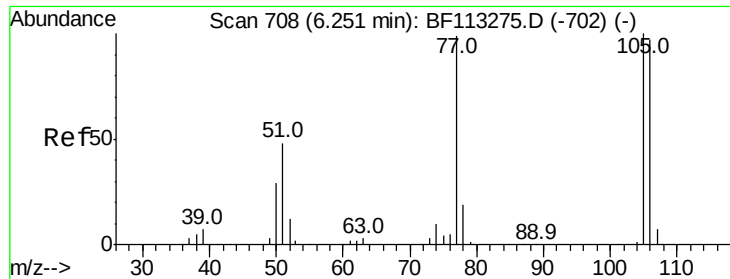
Ion Ratio Lower Upper

128 100

130 33.5 12.6 52.6

64 42.4 29.4 69.4





#9

Benzaldehyde

Concen: 19.006 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampled :

S-1MS

Tot Ion: 77 Resp: 167626

Ion Ratio Lower Upper

77 100

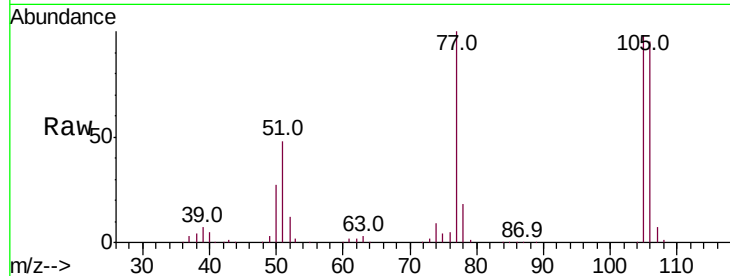
105 97.7 80.9 120.9

106 95.2 77.8 117.8

Manual Integrations
APPROVED

Sohil

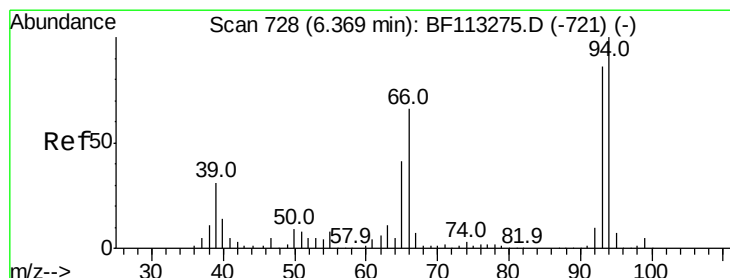
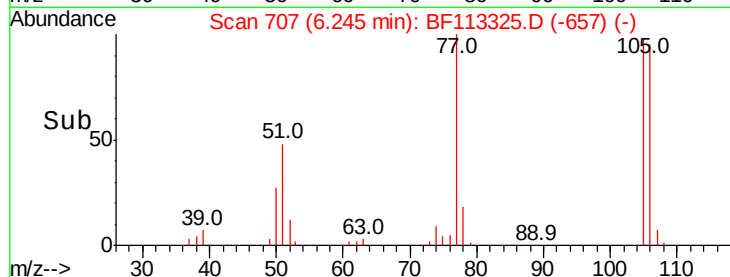
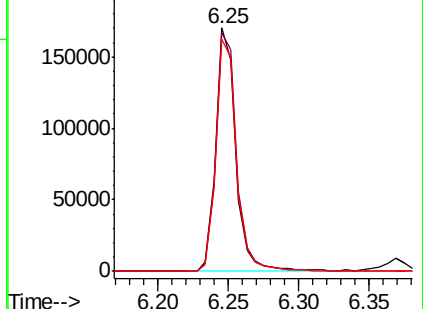
3/28/2019 8:41:38 AM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 40.402 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

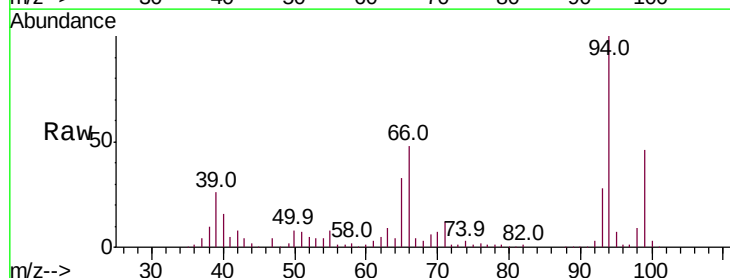
Tgt Ion: 94 Resp: 606230

Ion Ratio Lower Upper

94 100

65 33.0 21.4 61.4

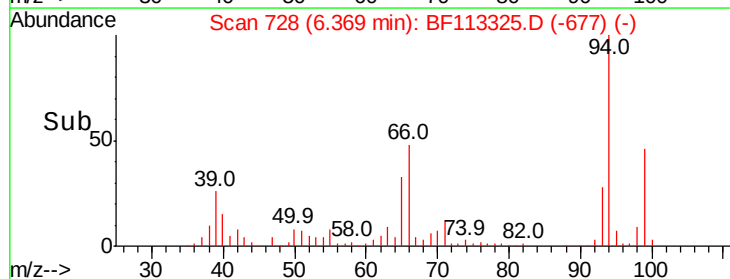
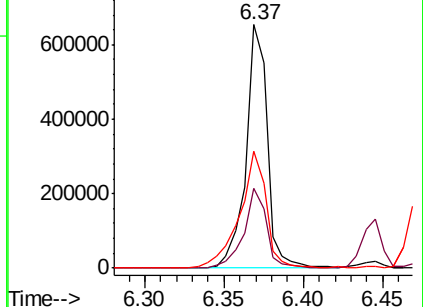
66 48.0 46.4 86.4

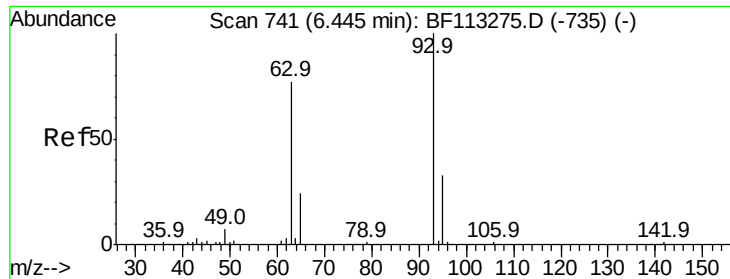


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





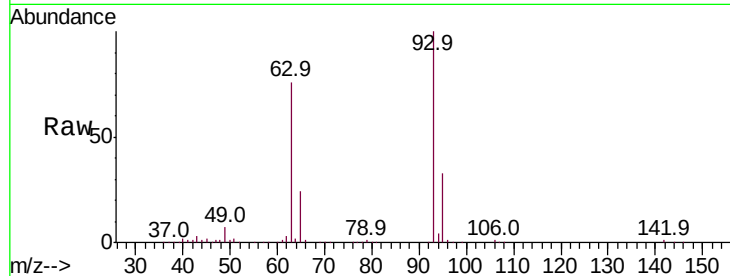
#11
bis(2-Chloroethyl)ether
Concen: 40.788 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
93	100		
63	75.7	56.1	96.1
95	32.9	12.8	52.8

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM

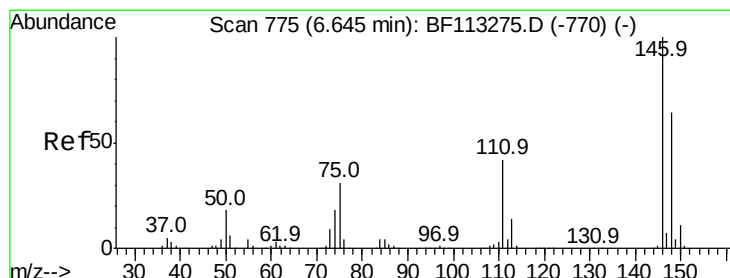
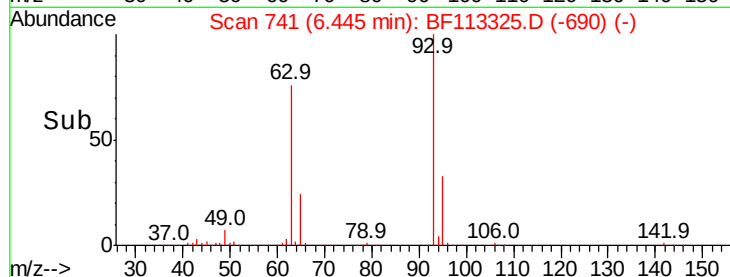
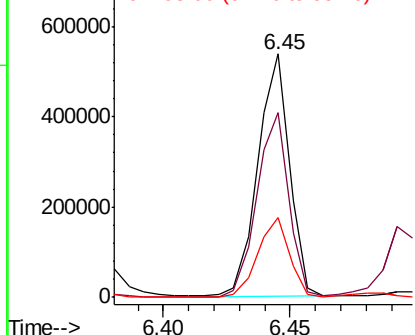


Abundance

Ion 93.00 (92.70 to 93.70): BF1

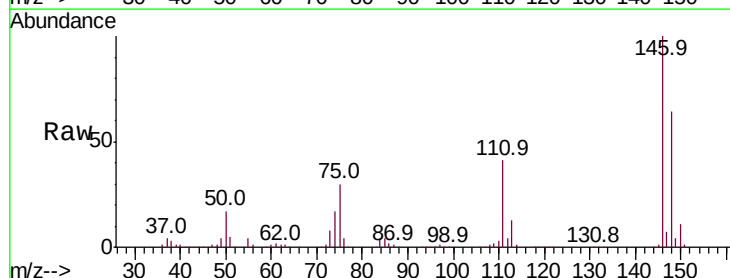
Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12
1,3-Dichlorobenzene
Concen: 39.463 ng
RT: 6.65 min Scan# 775
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.5	51.4	77.0
75	29.5	24.8	37.2

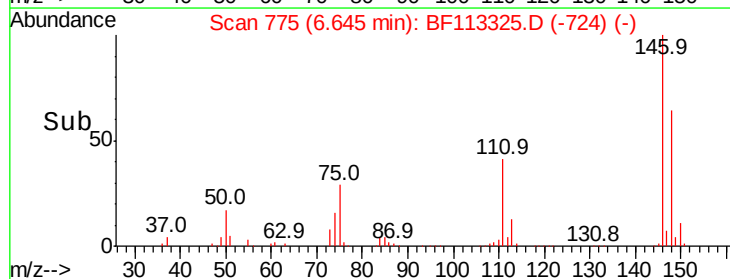
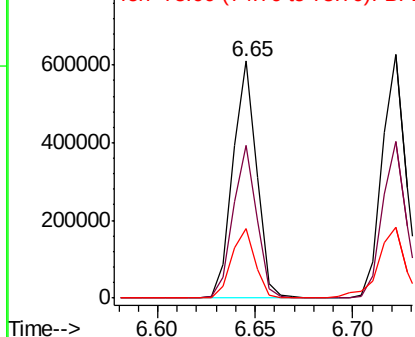


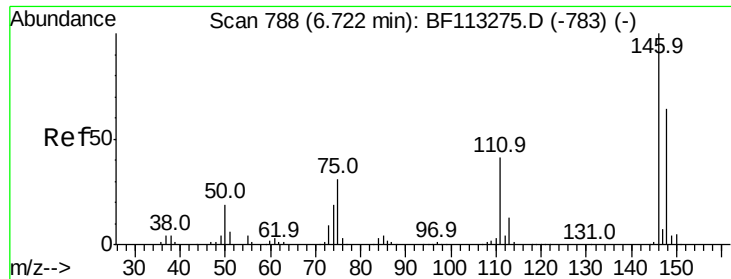
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1





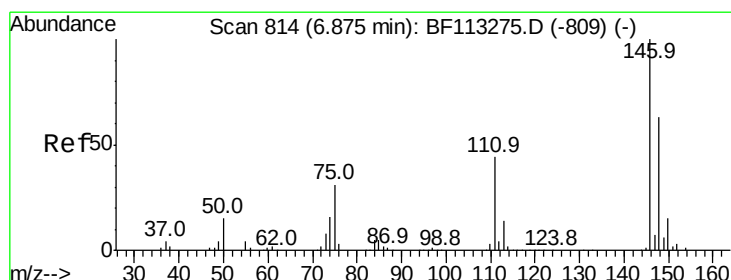
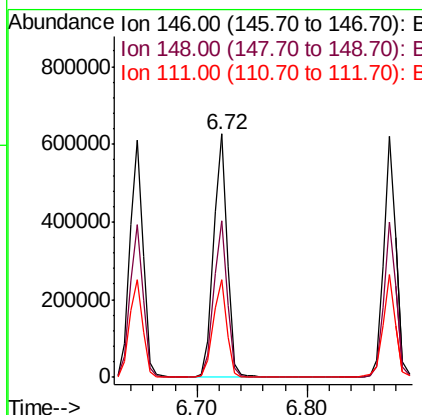
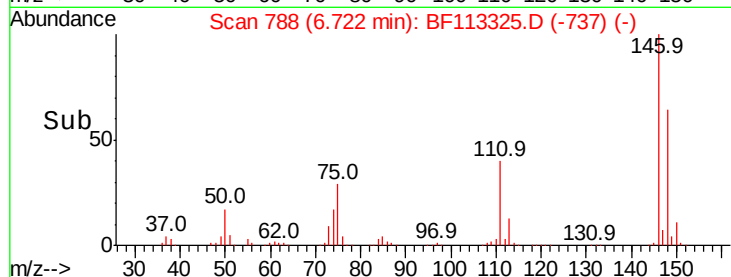
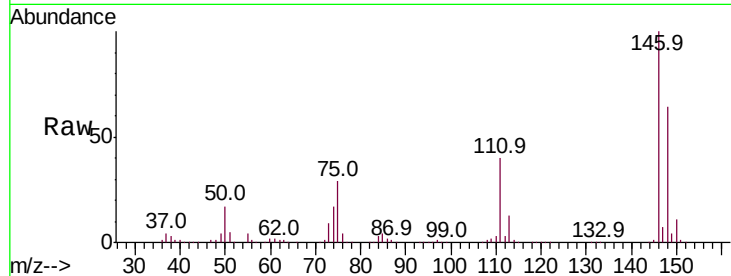
#13
 1,4-Dichlorobenzene
 Concen: 42.112 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampled :
 S-1MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.1	76.7
111	40.1	32.8	49.2

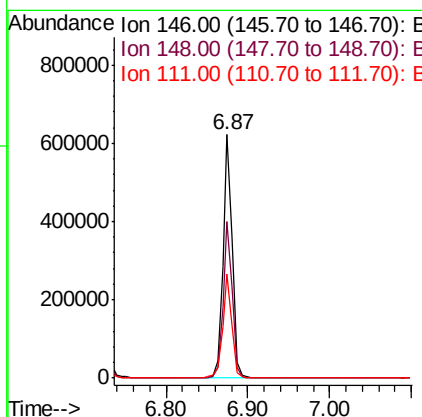
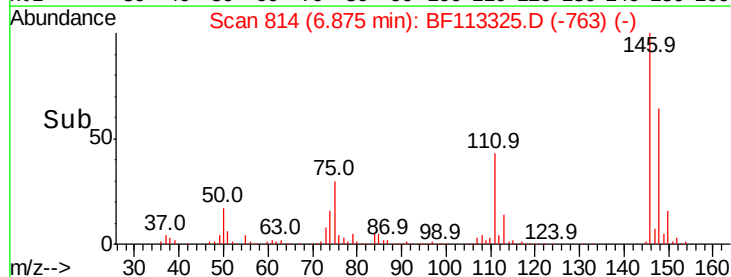
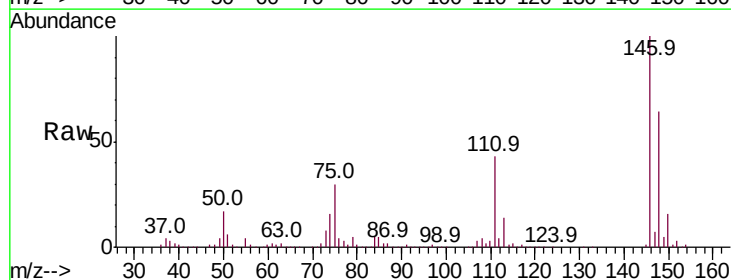
Manual Integrations
 APPROVED

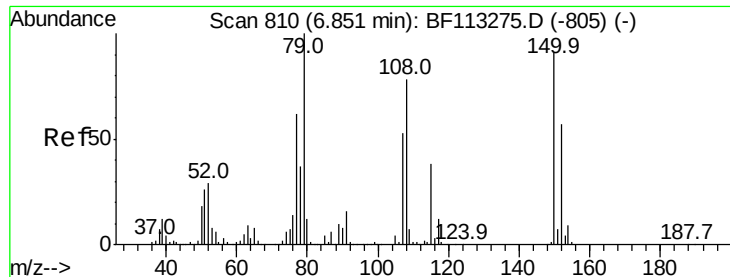
Sohil
 3/28/2019 8:41:38 AM



#14
 1,2-Dichlorobenzene
 Concen: 39.394 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.4
111	42.6	35.4	53.2





#15

Benzyl Alcohol

Concen: 45.475 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampled :

S-1MS

Tot Ion: 79 Resp: 394300

Ion Ratio Lower Upper

79 100

108 77.5 62.0 93.0

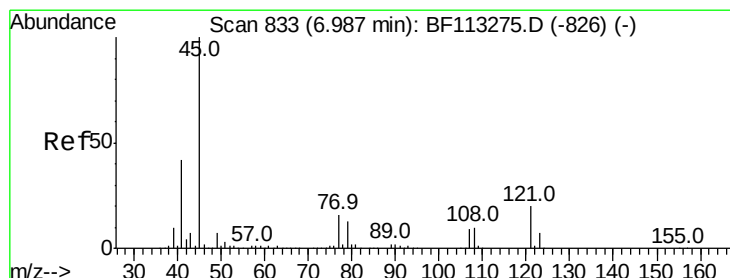
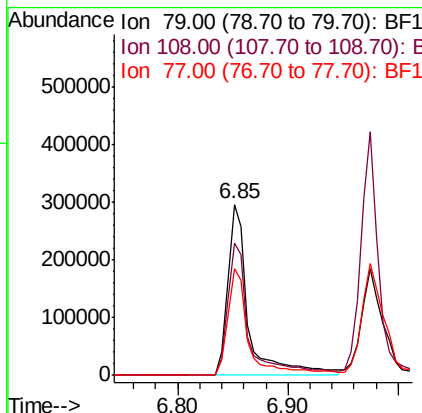
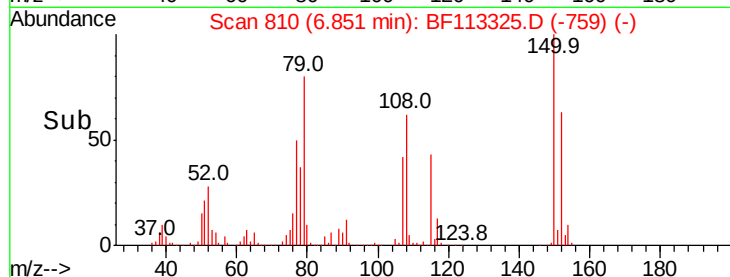
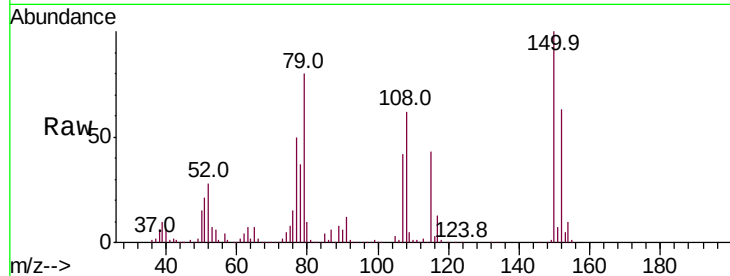
77 62.7 49.9 74.9

Manual Integrations

APPROVED

Sohil

3/28/2019 8:41:38 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.012 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

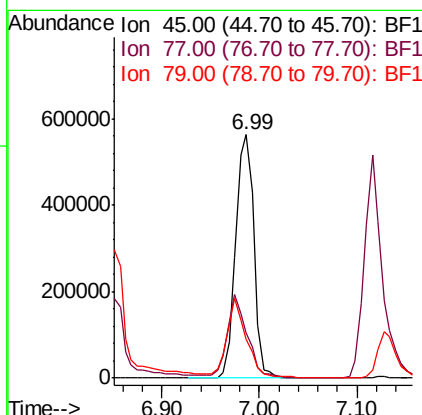
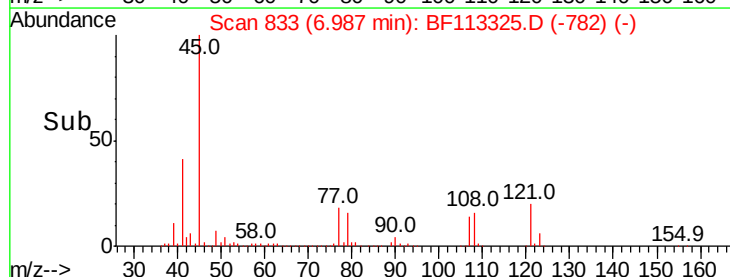
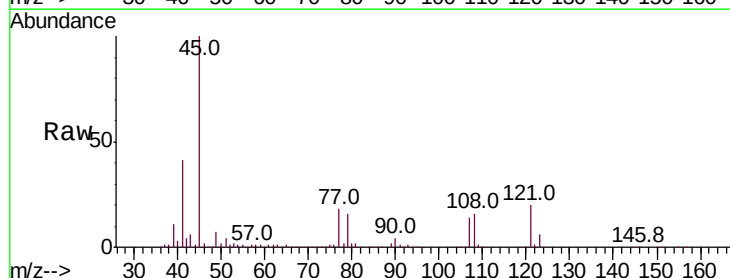
Tgt Ion: 45 Resp: 725908

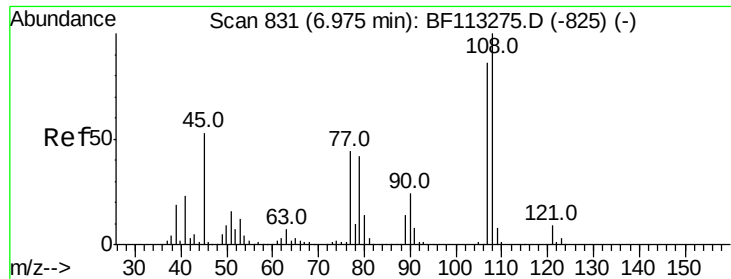
Ion Ratio Lower Upper

45 100

77 18.4 0.0 36.6

79 15.9 0.0 34.0





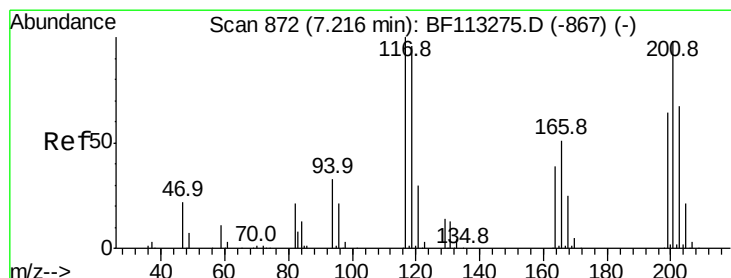
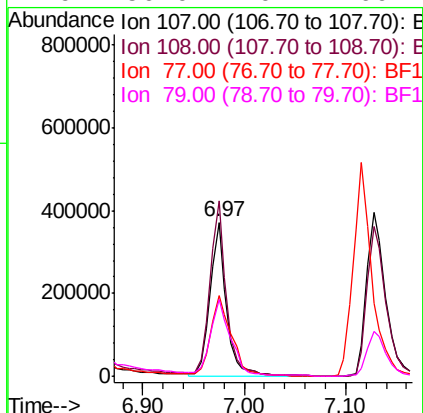
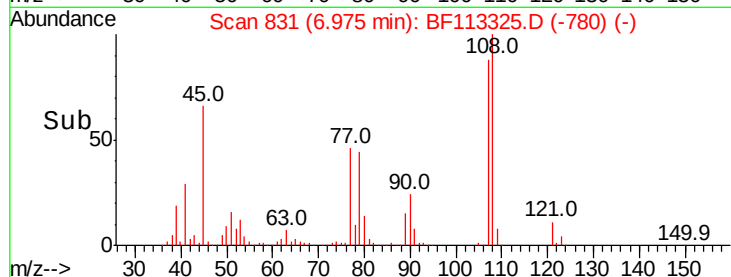
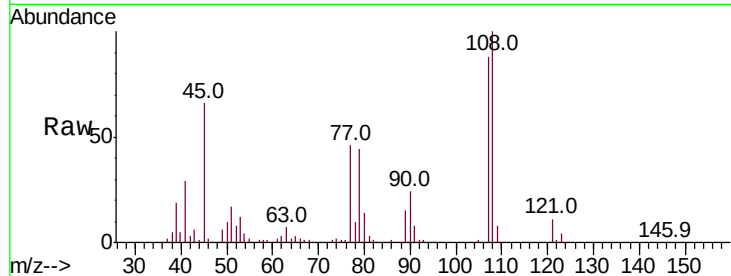
#17
2-Methylphenol
Concen: 43.840 ng
RT: 6.97 min Scan# 831
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.9	93.4	140.0	
77	52.1	41.2	61.8	
79	50.0	40.1	60.1	

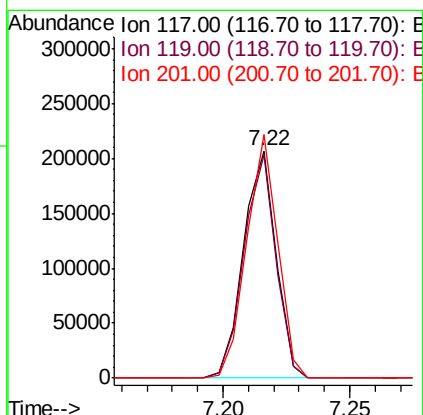
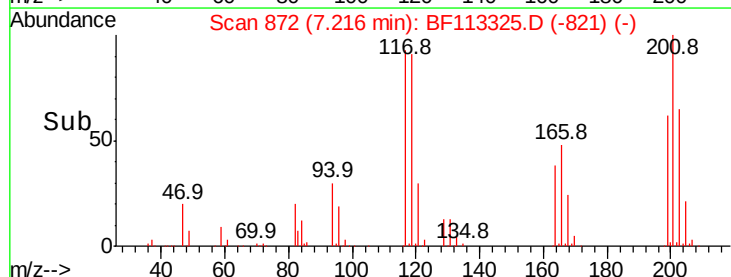
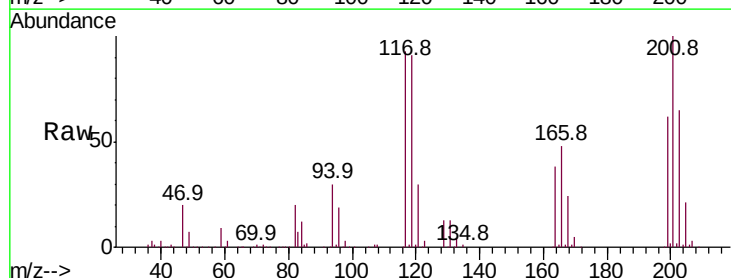
Manual Integrations
APPROVED

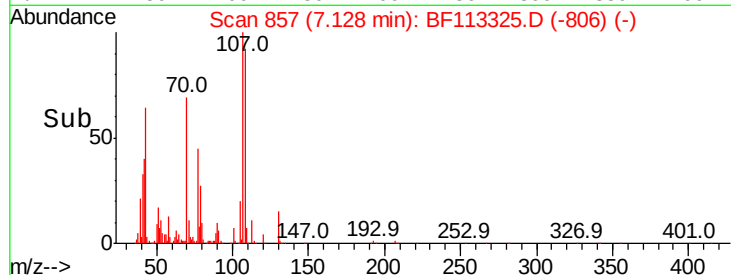
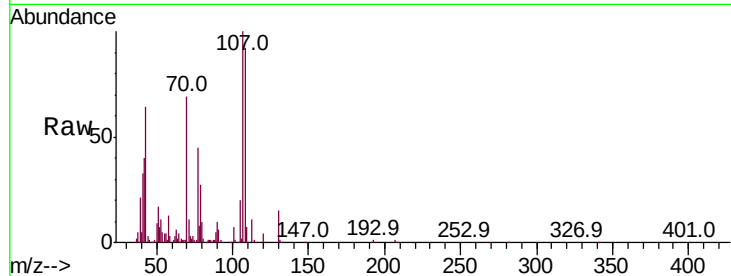
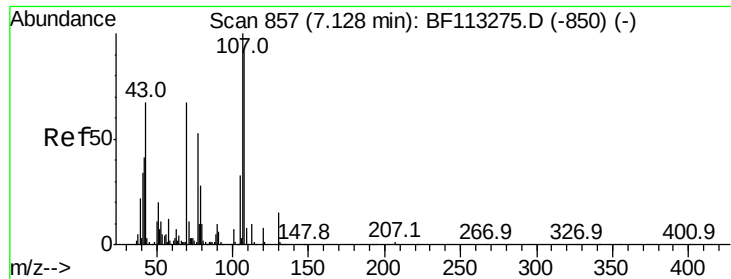
Sohil
3/28/2019 8:41:38 AM



#18
Hexachloroethane
Concen: 40.894 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	98.0	76.9	115.3	
201	107.2	78.7	118.1	





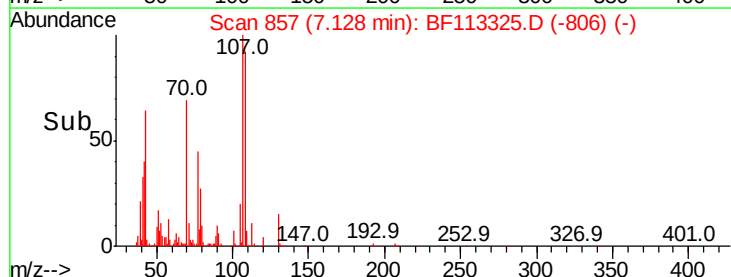
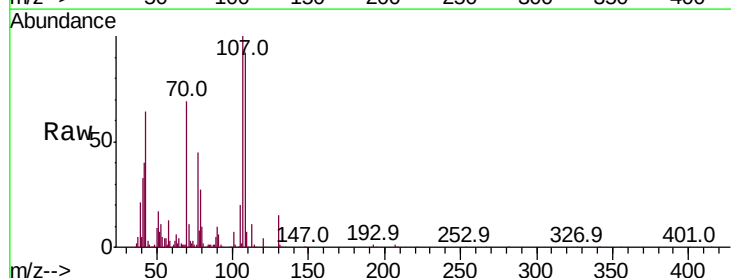
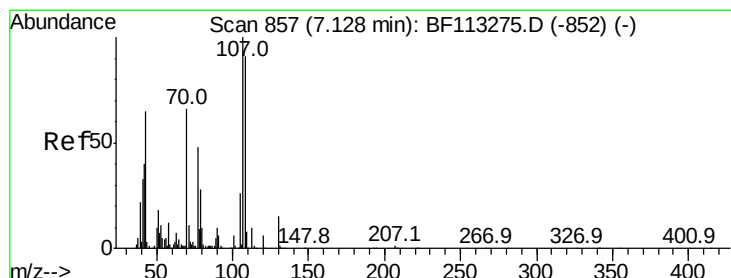
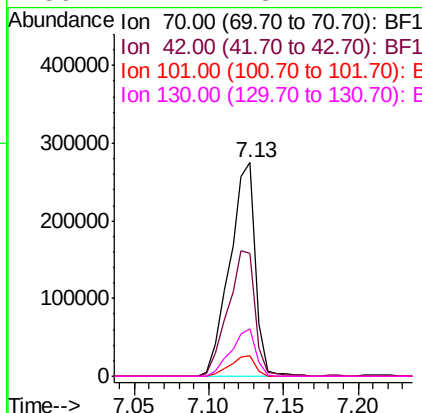
#19
n-Nitroso-di-n-propylamine
Concen: 40.344 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
70	100		
42	57.5	48.4	72.6
101	9.4	7.8	11.8
130	22.2	18.2	27.4

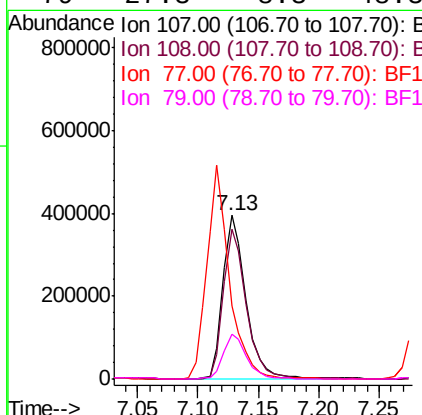
Manual Integrations
APPROVED

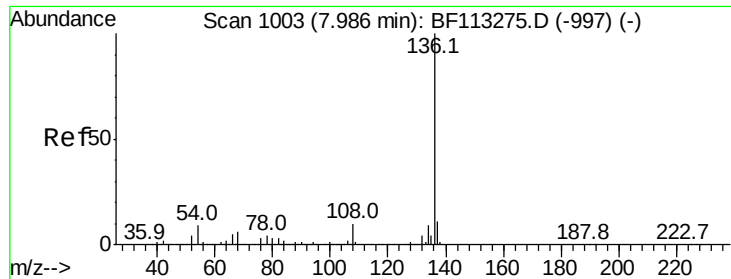
Sohil
3/28/2019 8:41:38 AM



#20
3+4-Methylphenols
Concen: 48.087 ng
RT: 7.13 min Scan# 857
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.8	71.4	111.4
77	44.9	33.5	73.5
79	27.3	8.3	48.3





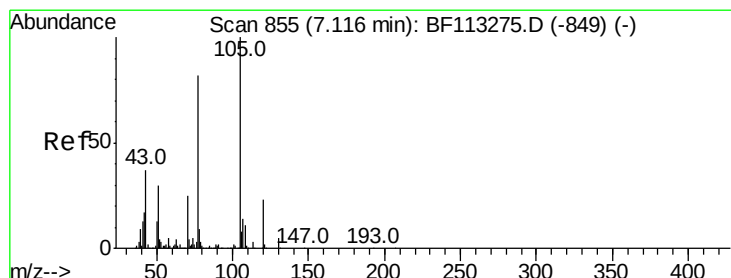
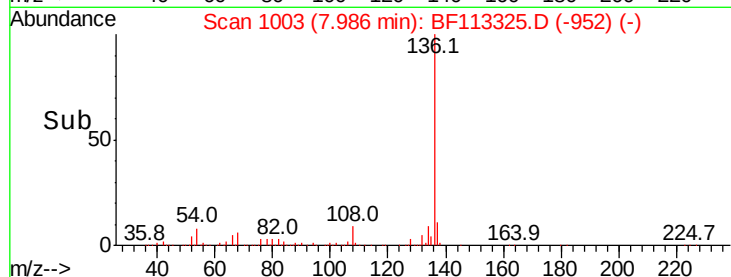
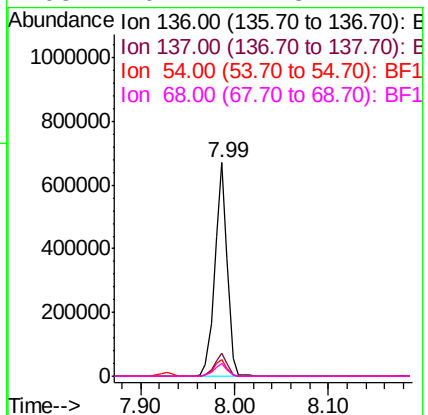
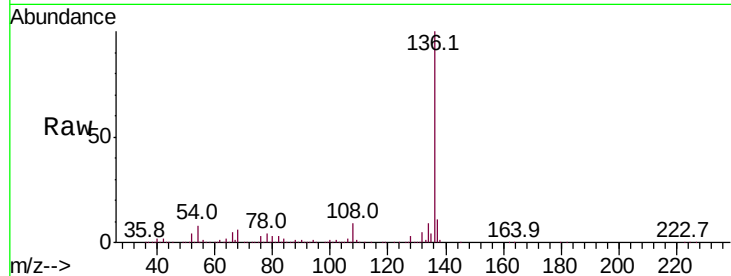
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.99 min Scan# 1003
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
136	100	622028		
137	10.7		8.9	13.3
54	7.9		7.0	10.6
68	6.1		4.8	7.2

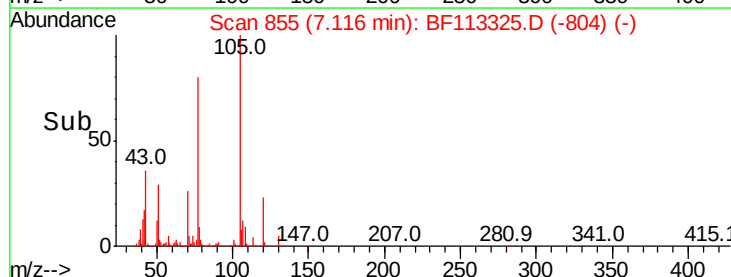
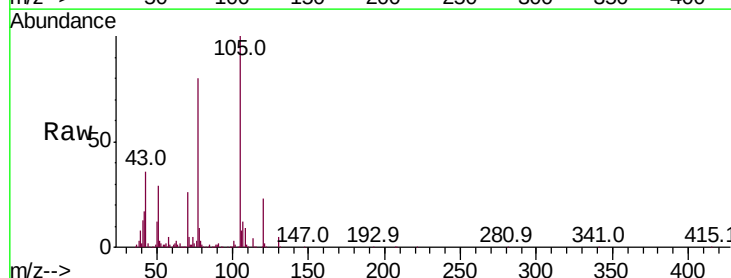
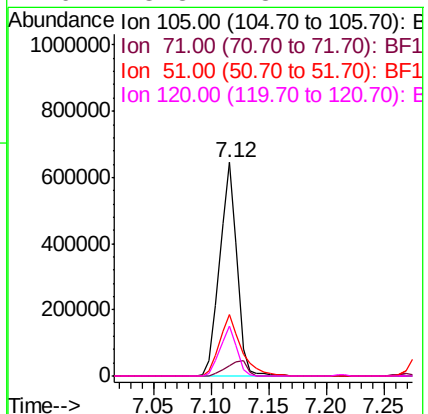
Manual Integrations
APPROVED

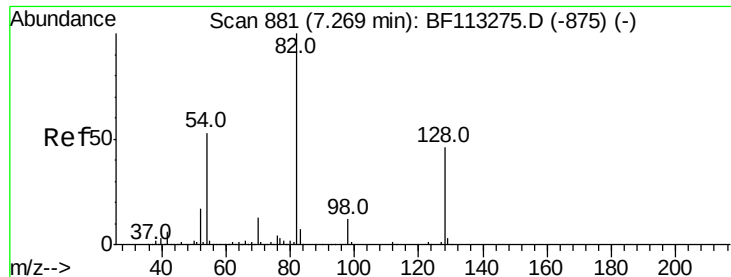
Sohil
3/28/2019 8:41:38 AM



#22
Acetophenone
Concen: 47.218 ng
RT: 7.12 min Scan# 855
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	669822		
71	4.5		3.3	4.9
51	28.8		24.2	36.2
120	23.3		18.1	27.1





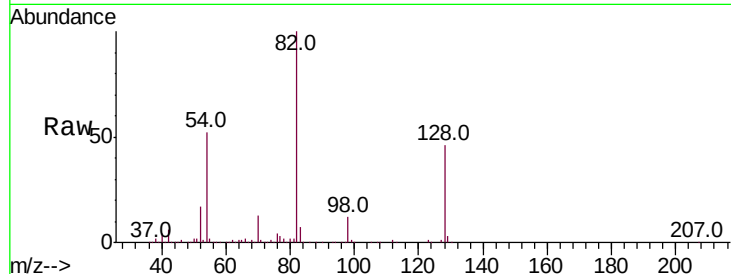
#23
 Nitrobenzene-d5
 Concen: 102.439 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampled :
 S-1MS

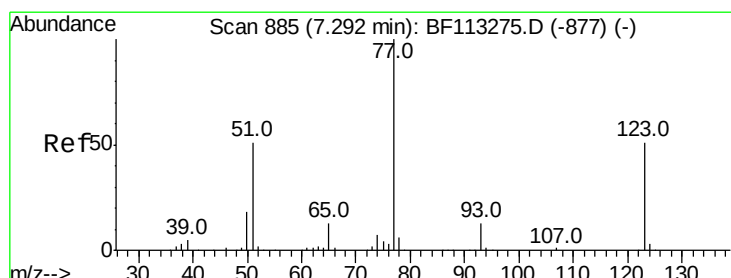
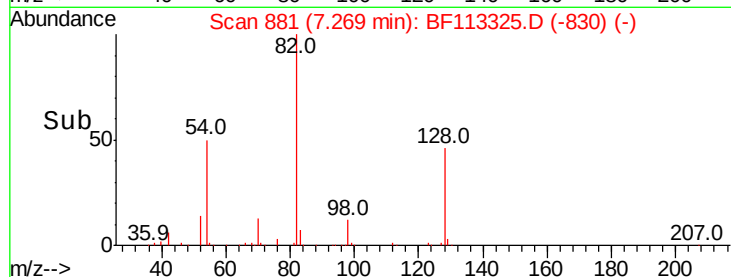
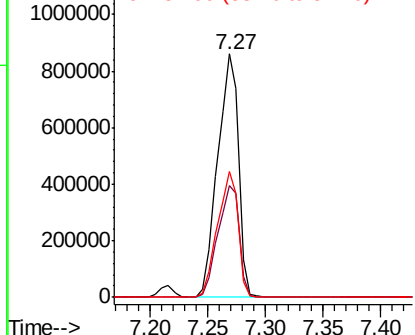
Tot Ion: 82 Resp: 1073558
 Ion Ratio Lower Upper
 82 100
 128 46.0 36.5 54.7
 54 51.7 42.2 63.2

Manual Integrations
 APPROVED

Sohil
 3/28/2019 8:41:38 AM

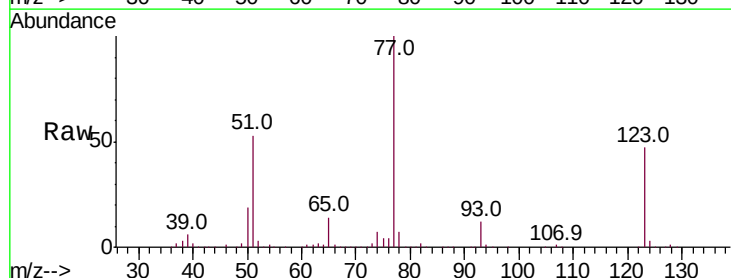


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

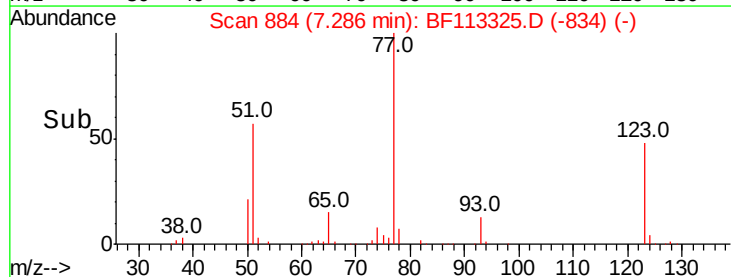
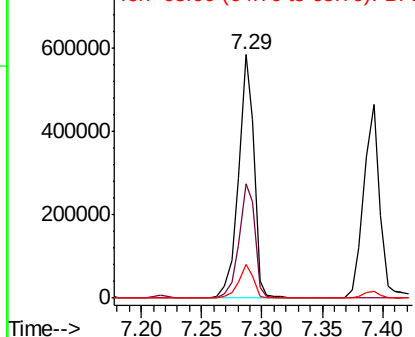


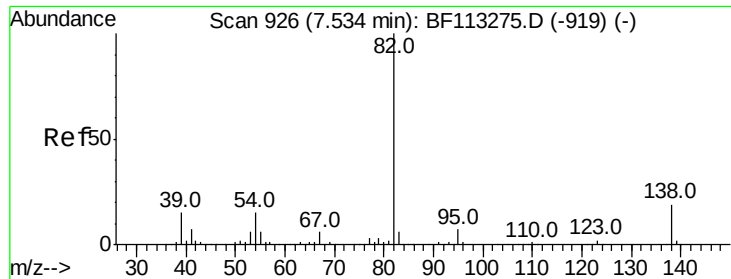
#24
 Nitrobenzene
 Concen: 47.751 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion: 77 Resp: 522209
 Ion Ratio Lower Upper
 77 100
 123 47.1 40.8 61.2
 65 13.8 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





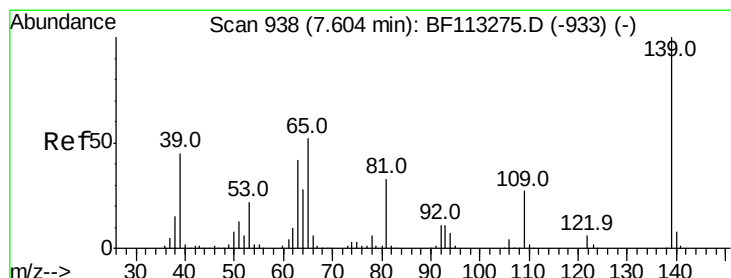
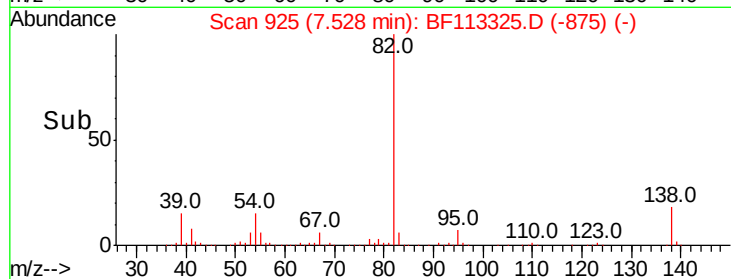
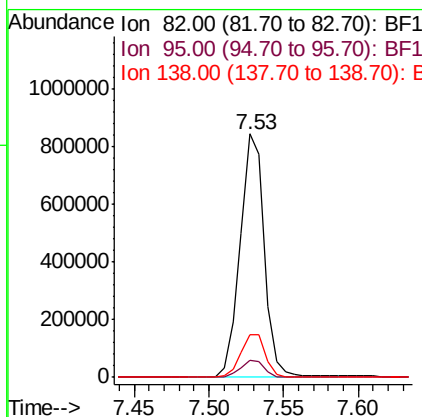
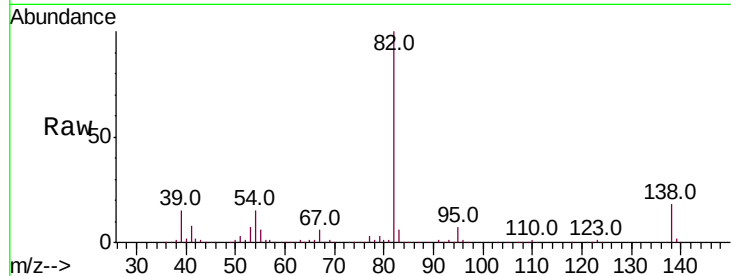
#25
Isophorone
Concen: 46.885 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
82	100		
95	6.8	5.5	8.3
138	17.7	15.2	22.8

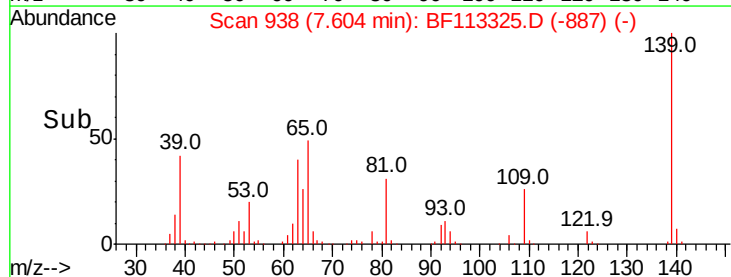
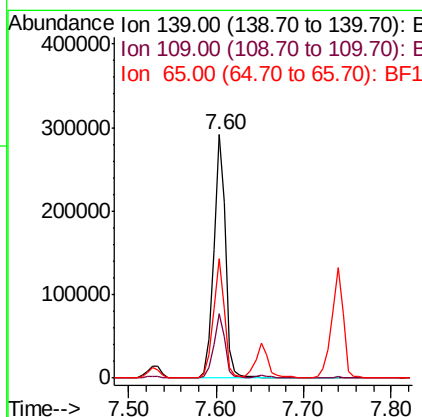
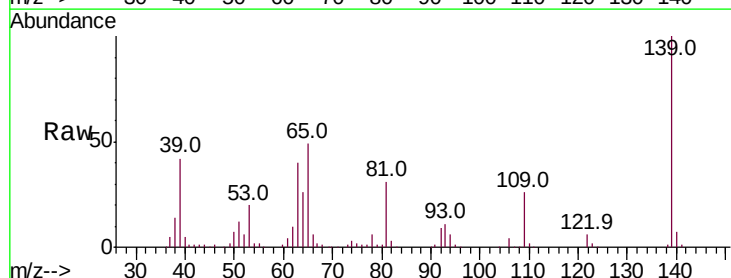
Manual Integrations
APPROVED

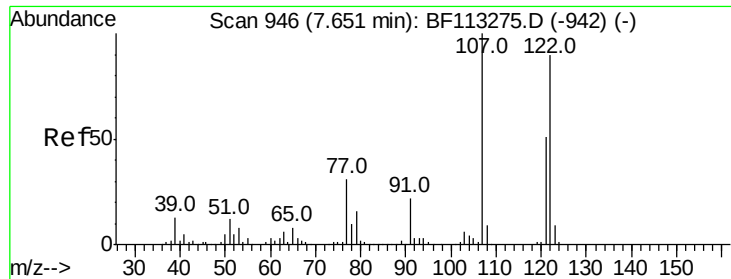
Sohil
3/28/2019 8:41:38 AM



#26
2-Nitrophenol
Concen: 47.119 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	26.3	21.7	32.5
65	48.9	41.6	62.4





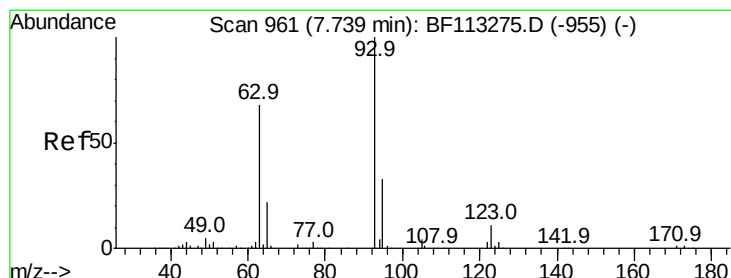
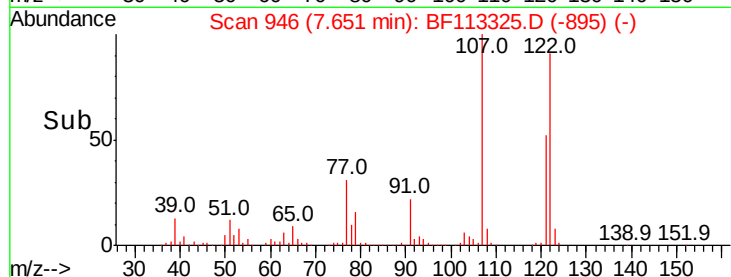
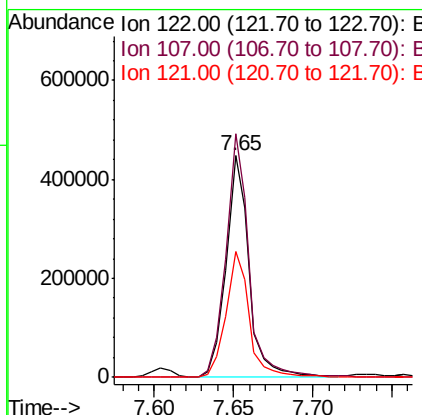
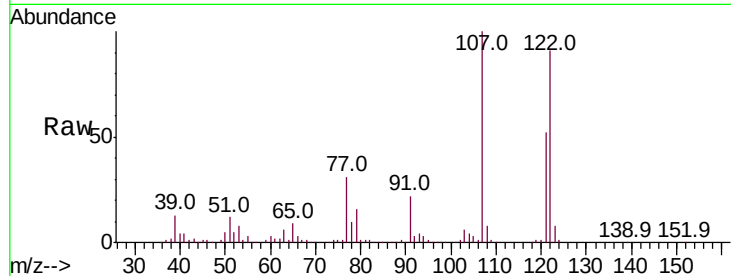
#27
2,4-Dimethylphenol
Concen: 54.332 ng
RT: 7.65 min Scan# 946
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	110.0	88.8	133.2
121	57.0	45.5	68.3

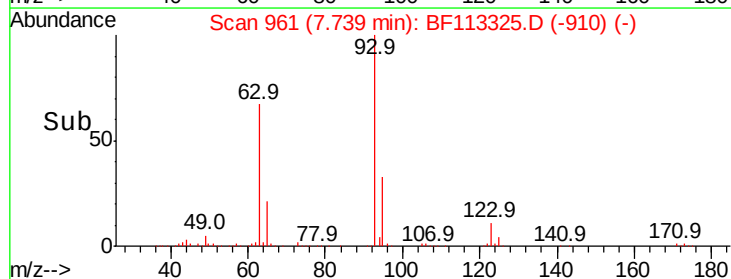
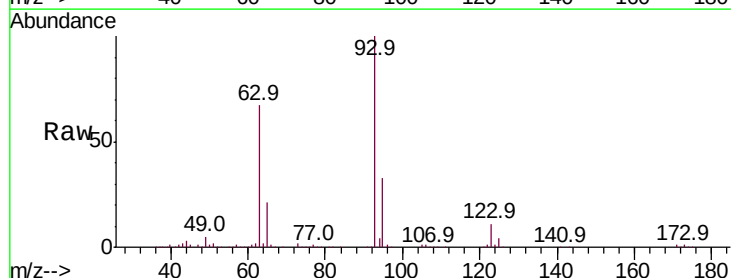
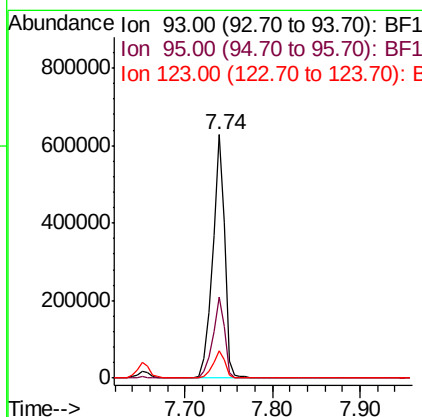
Manual Integrations
APPROVED

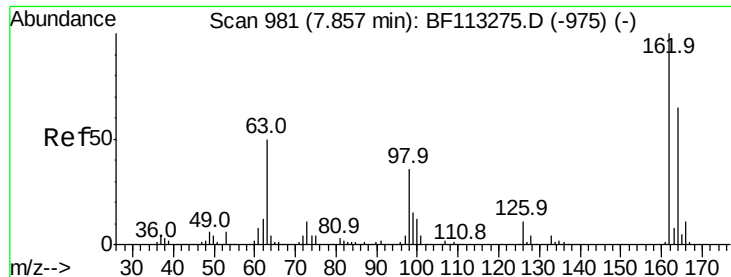
Sohil
3/28/2019 8:41:38 AM



#28
bis(2-Chloroethoxy)methane
Concen: 46.837 ng
RT: 7.74 min Scan# 961
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	26.0	39.0
123	11.1	9.1	13.7





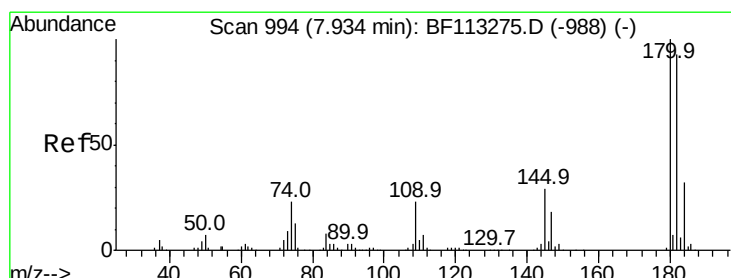
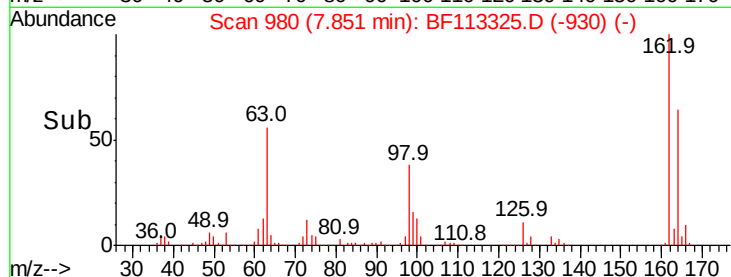
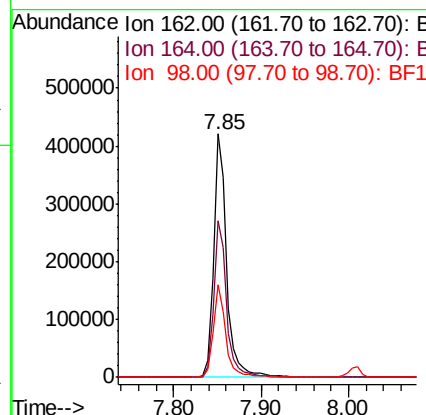
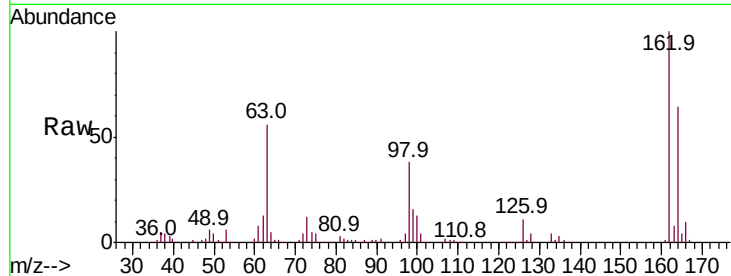
#29
 2,4-Dichlorophenol
 Concen: 48.125 ng
 RT: 7.85 min Scan# 980
 Delta R.T. -0.01 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampled :
 S-1MS

Tot Ion:	162	Resp:	433657
Ion Ratio	Lower	Upper	
162	100		
164	64.3	44.6	84.6
98	38.1	15.6	55.6

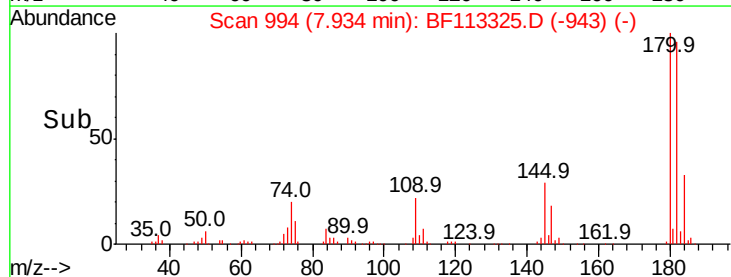
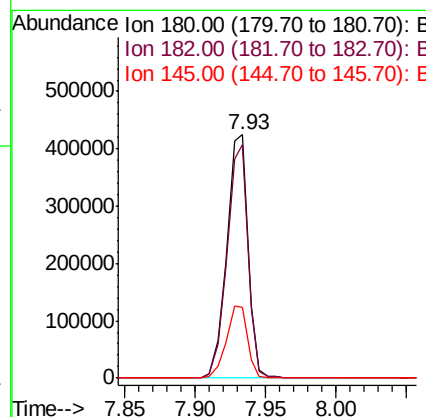
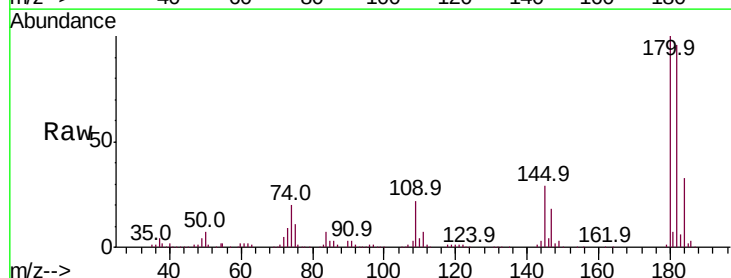
Manual Integrations
 APPROVED

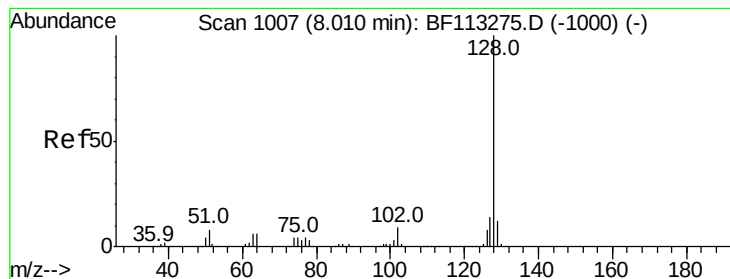
Sohil
 3/28/2019 8:41:38 AM



#30
 1,2,4-Trichlorobenzene
 Concen: 45.920 ng
 RT: 7.93 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion:	180	Resp:	446430
Ion Ratio	Lower	Upper	
180	100		
182	96.0	74.6	111.8
145	28.9	23.4	35.0





#31

Naphthalene

Concen: 46.338 ng

RT: 8.01 min Scan# 1007

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

Tot Ion:128 Resp: 1408544

Ion Ratio Lower Upper

128 100

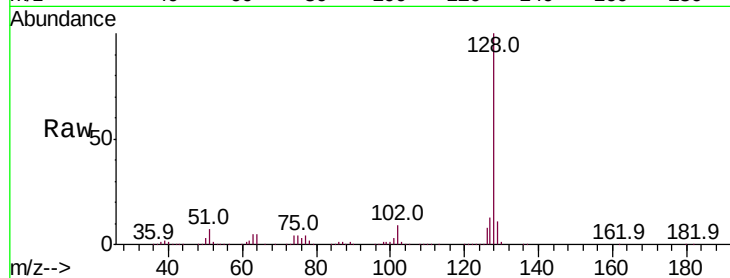
129 11.4 9.3 13.9

127 13.3 10.9 16.3

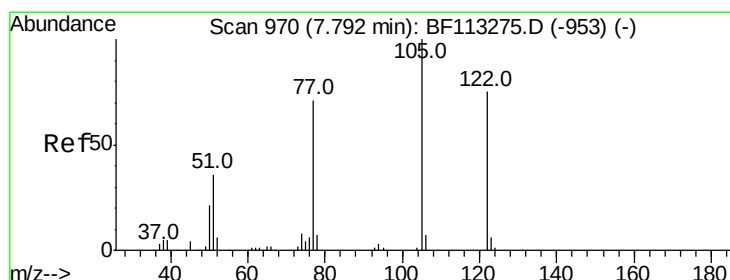
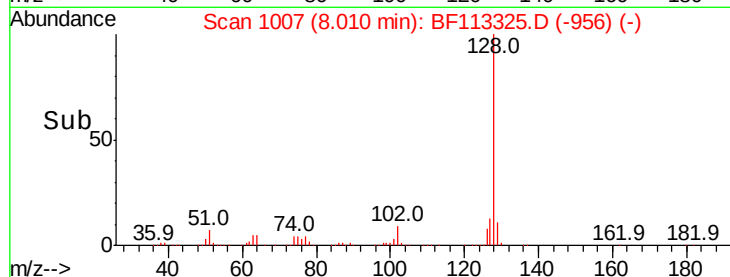
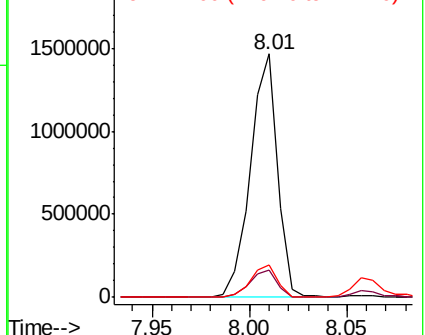
Manual Integrations
APPROVED

Sohil

3/28/2019 8:41:38 AM



Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 3.381 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.06 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

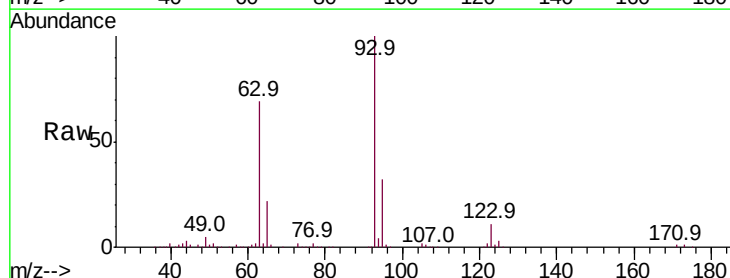
Tgt Ion:122 Resp: 22633

Ion Ratio Lower Upper

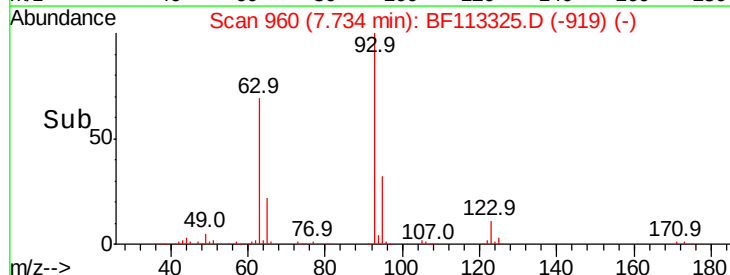
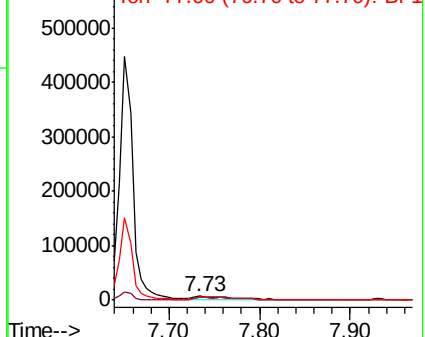
122 100

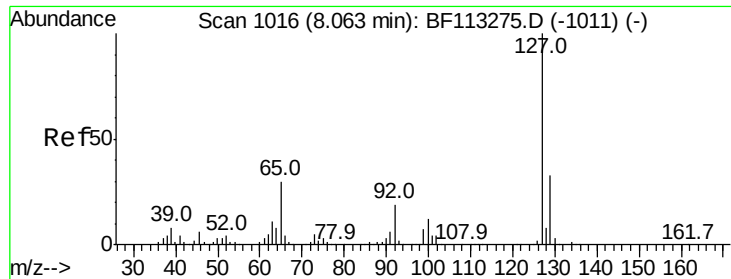
105 89.2 100.4 140.4#

77 81.0 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
600000 Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1





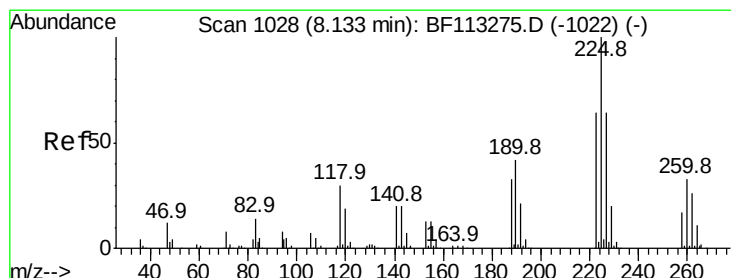
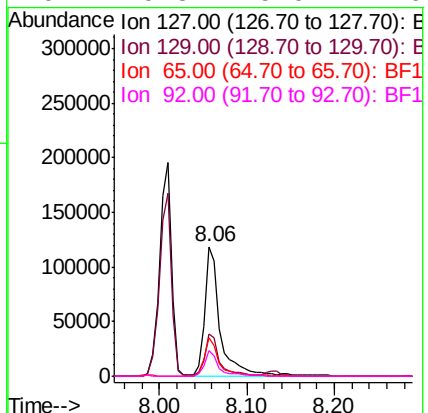
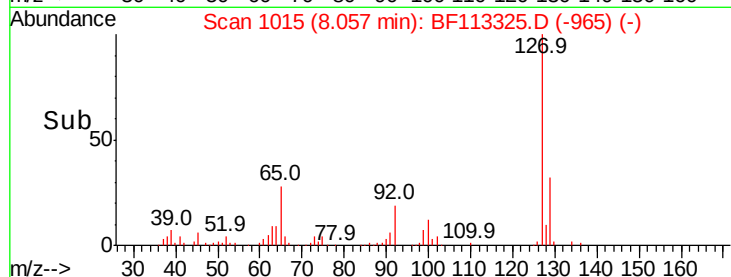
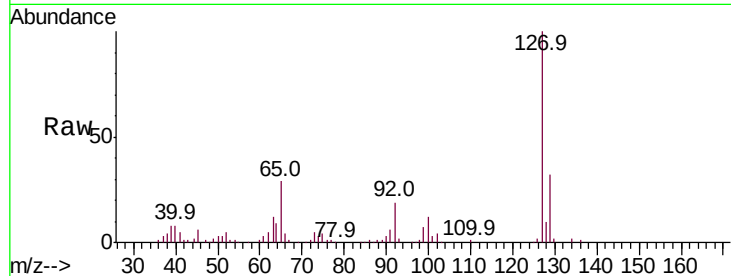
#33
4-Chloroaniline
Concen: 12.282 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	32.2	26.3	39.5	
65	29.2	24.2	36.4	
92	19.3	15.0	22.6	

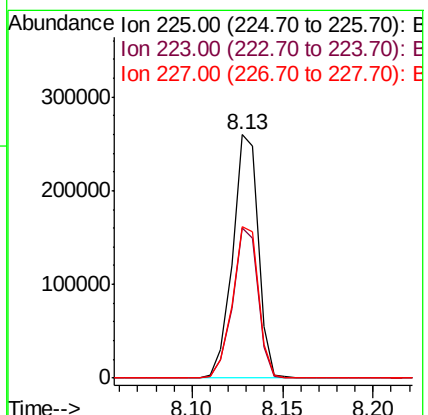
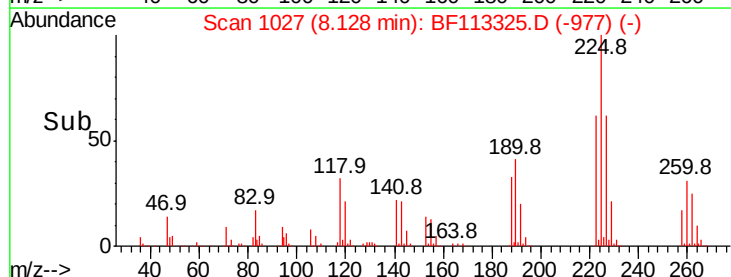
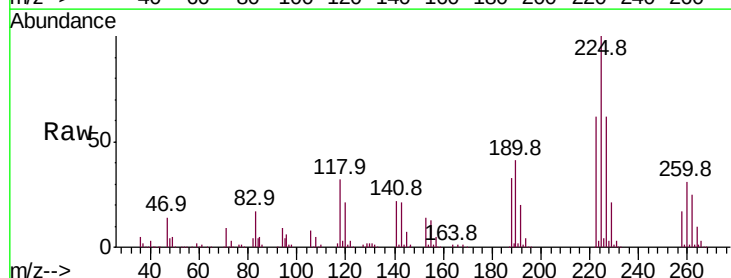
Manual Integrations
APPROVED

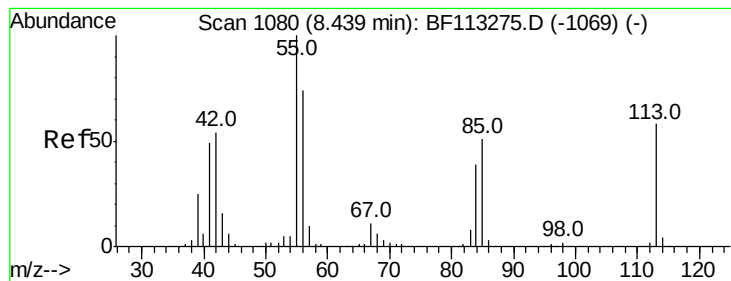
Sohil
3/28/2019 8:41:38 AM



#34
Hexachlorobutadiene
Concen: 44.202 ng
RT: 8.13 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	61.6	51.4	77.2	
227	62.4	51.1	76.7	





#35

Caprolactam

Concen: 47.657 ng/mL

RT: 8.43 min Scan# 1079

Delta R.T. -0.01 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampled :

S-1MS

Tot Ion:113 Resp: 137825

Ion Ratio Lower Upper

113 100

55 170.5 152.7 192.7

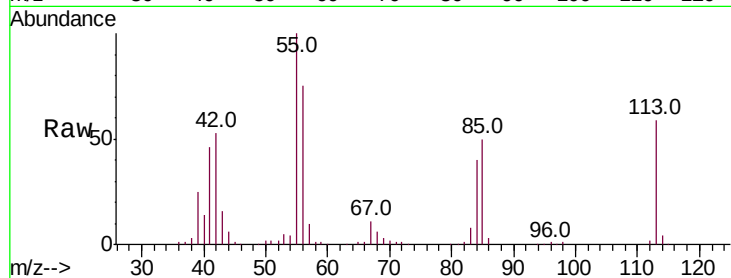
56 128.0 108.3 148.3

Manual Integrations

APPROVED

Sohil

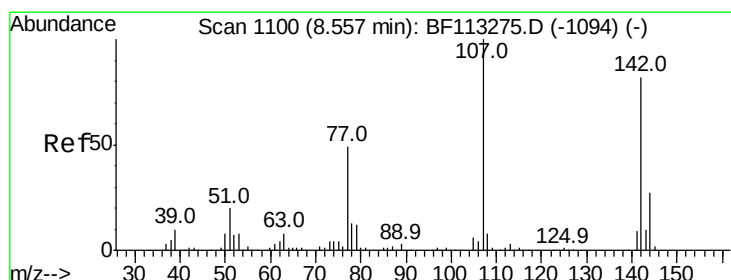
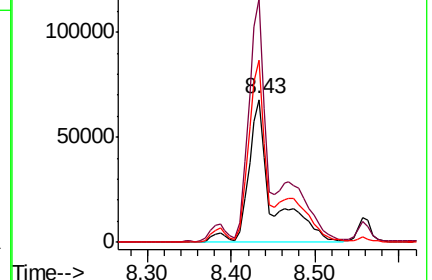
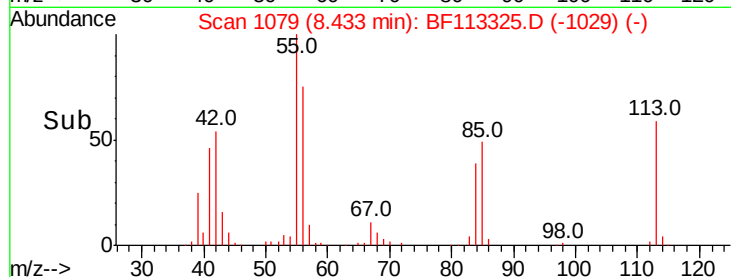
3/28/2019 8:41:38 AM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 49.794 ng/mL

RT: 8.56 min Scan# 1100

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

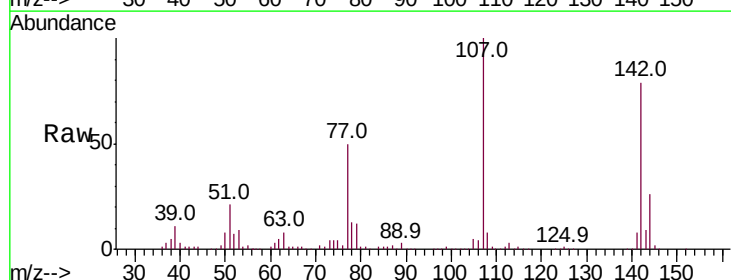
Tgt Ion:107 Resp: 451302

Ion Ratio Lower Upper

107 100

144 25.8 21.4 32.0

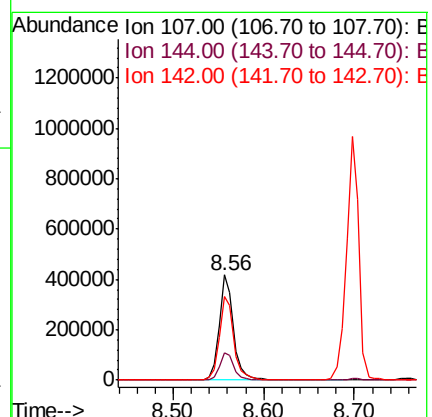
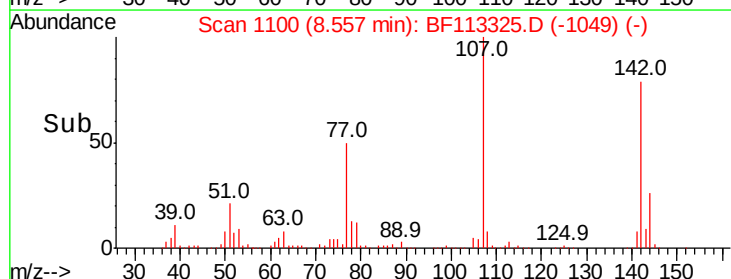
142 79.3 65.6 98.4

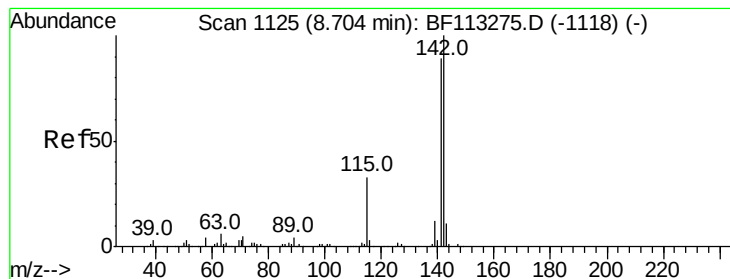


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





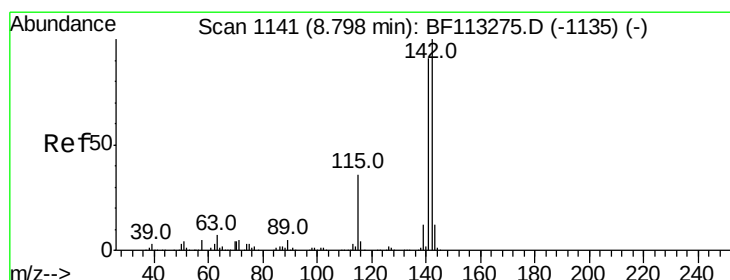
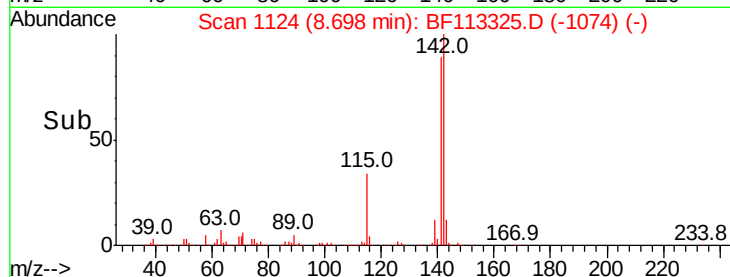
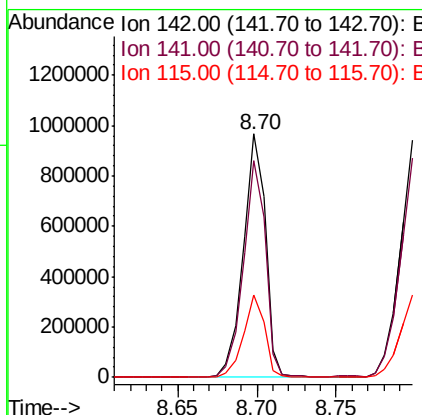
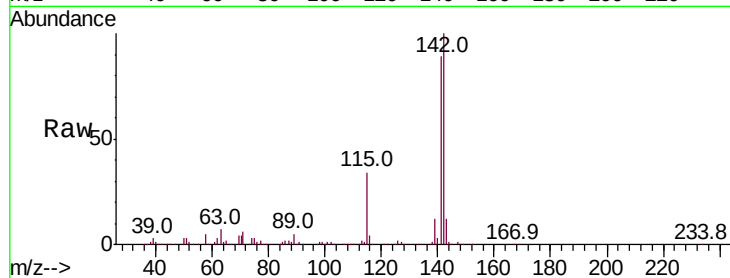
#37
2-Methylnaphthalene
Concen: 49.210 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
142	100	933353		
141	88.8	71.0	106.6	
115	33.7	26.6	39.8	

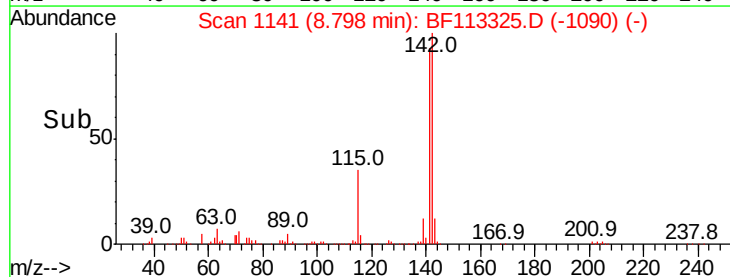
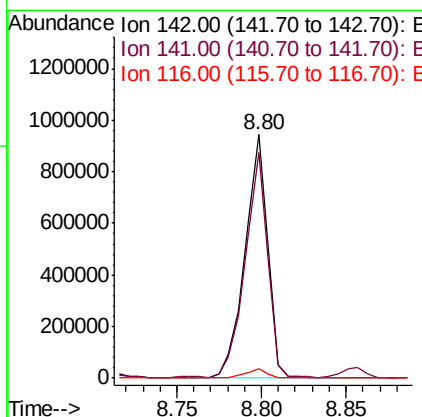
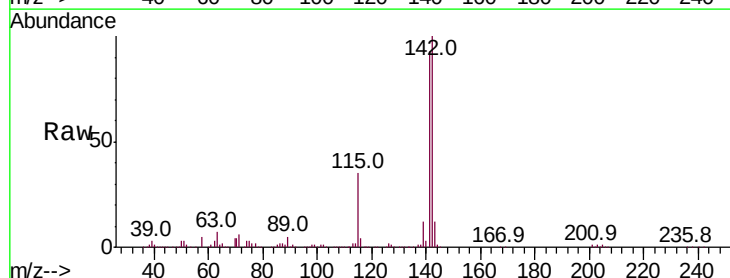
Manual Integrations
APPROVED

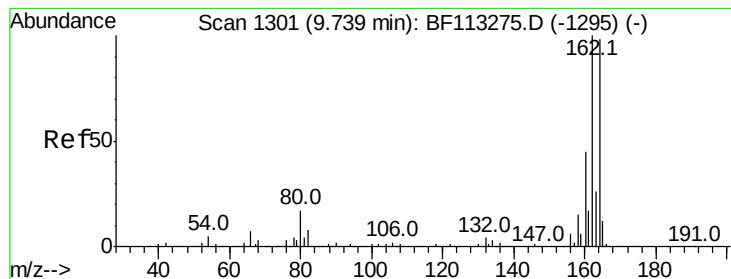
Sohil
3/28/2019 8:41:38 AM



#38
1-Methylnaphthalene
Concen: 48.504 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	884866		
141	92.5	73.2	109.8	
116	3.7	3.0	4.4	





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

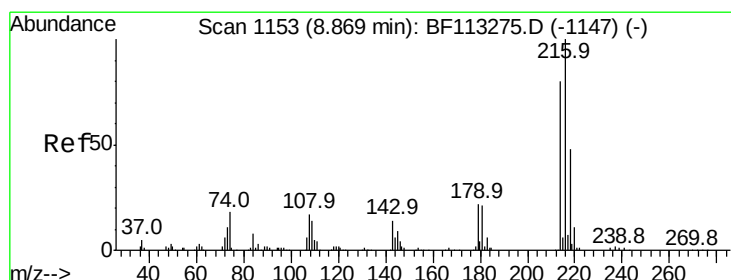
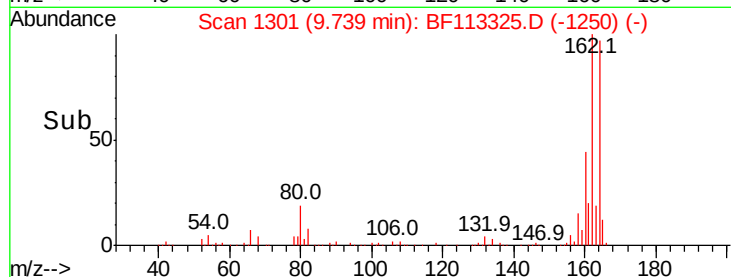
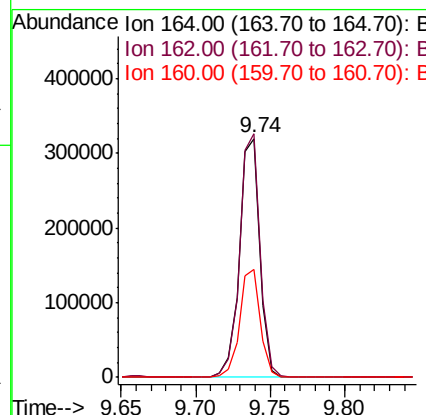
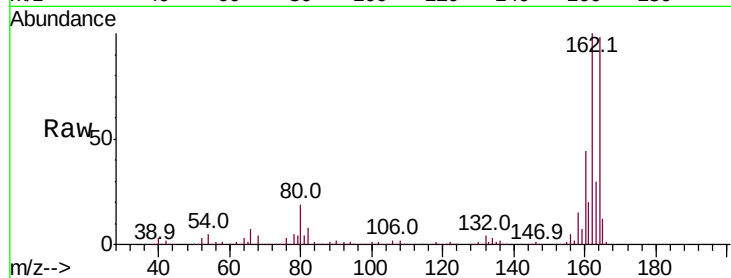
ClientSampleId :

S-1MS

Tot Ion:	164	Resp:	306519
Ion Ratio	Lower	Upper	
164	100		
162	101.9	81.8	122.6
160	44.9	36.4	54.6

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.227 ng

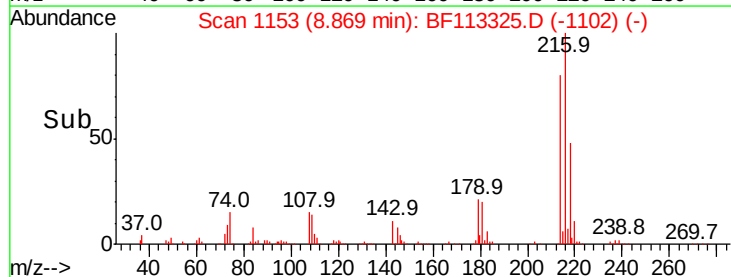
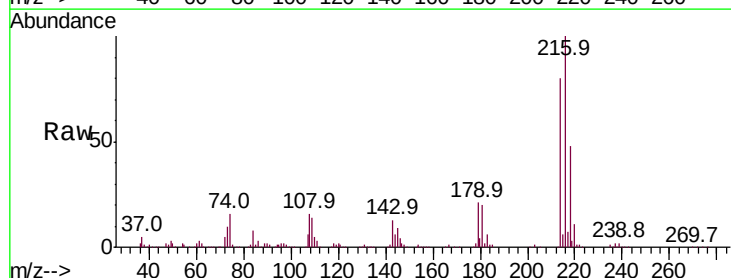
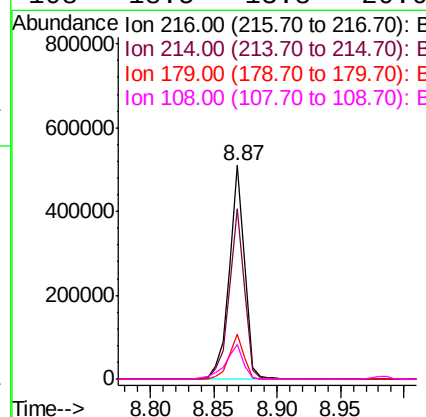
RT: 8.87 min Scan# 1153

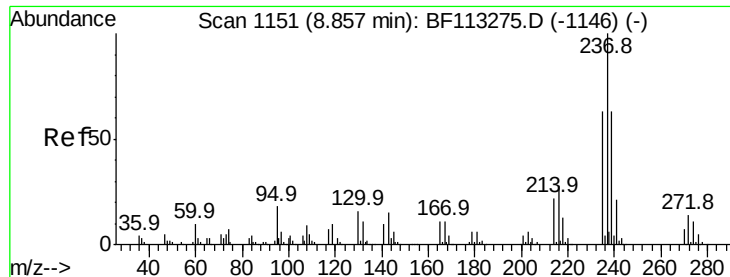
Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Tgt Ion:	216	Resp:	425319
Ion Ratio	Lower	Upper	
216	100		
214	79.7	63.0	94.6
179	20.7	16.8	25.2
108	18.5	13.8	20.6





#41

Hexachlorocyclopentadiene

Concen: 83.035 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

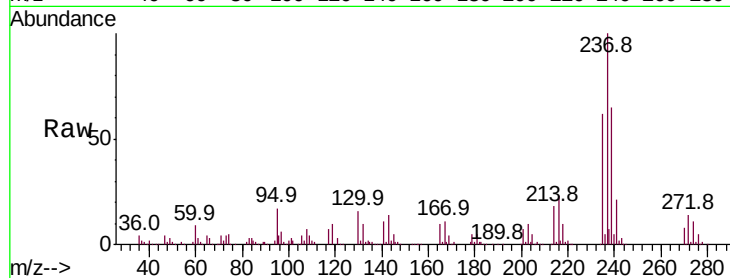
ClientSampled :

S-1MS

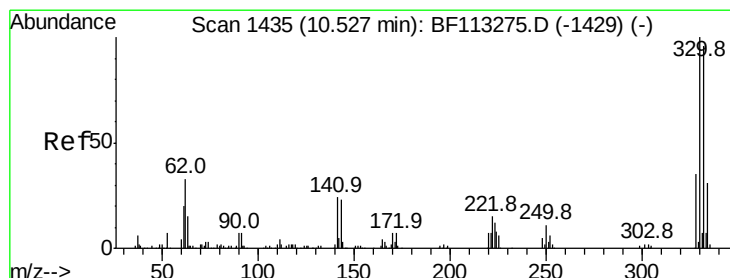
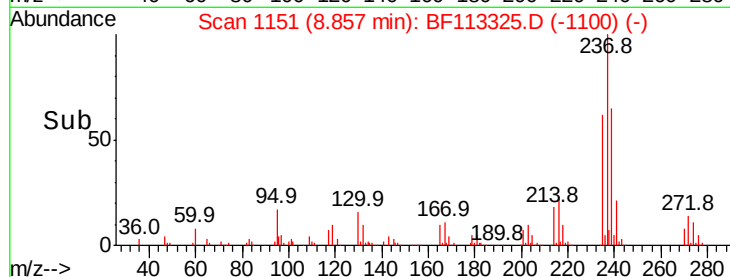
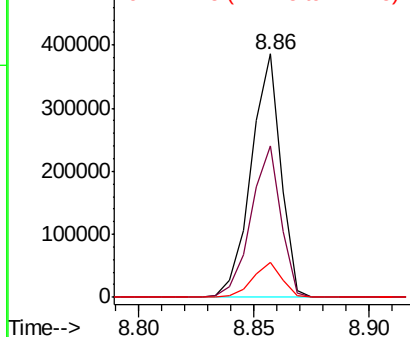
Tot Ion:	237	Resp:	345813
Ion Ratio	Lower	Upper	
237	100		
235	62.1	43.4	83.4
272	14.5	0.0	33.7

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM



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: 126.445 ng

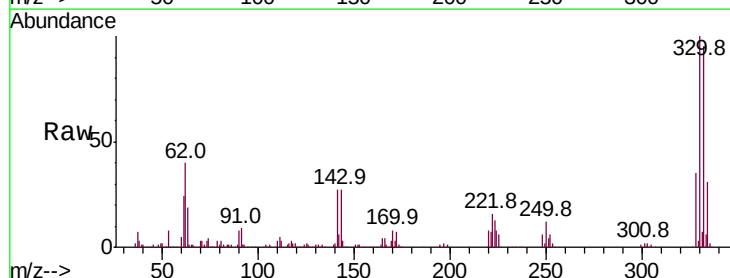
RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

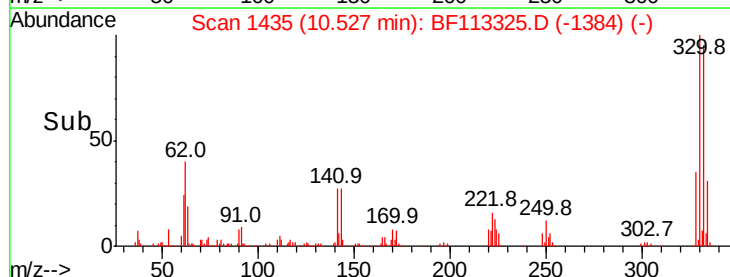
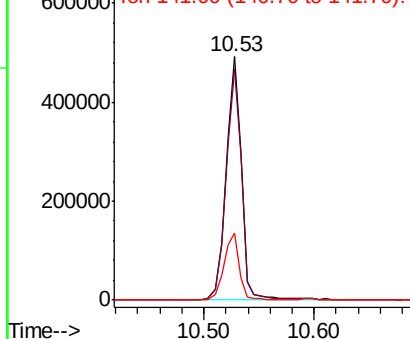
Lab File: BF113325.D

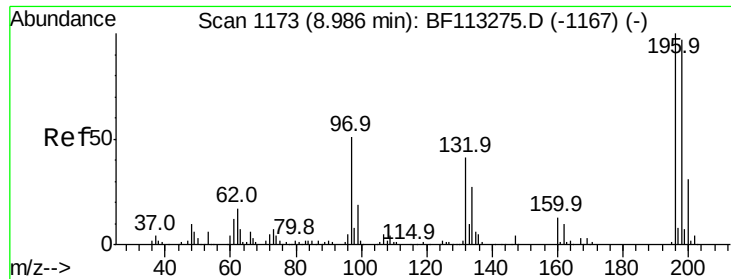
Acq: 27 Mar 2019 12:32

Tgt Ion:	330	Resp:	478747
Ion Ratio	Lower	Upper	
330	100		
332	97.1	77.8	116.6
141	27.5	22.7	34.1



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: 46.829 ng

RT: 8.99 min Scan# 1173

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

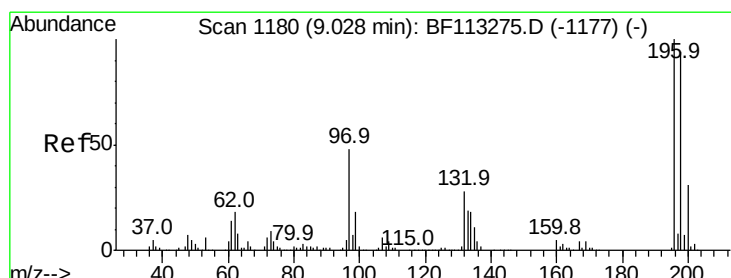
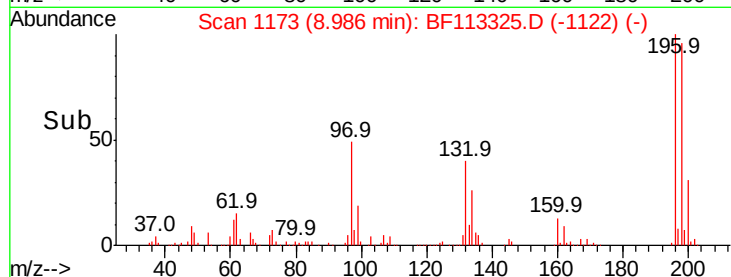
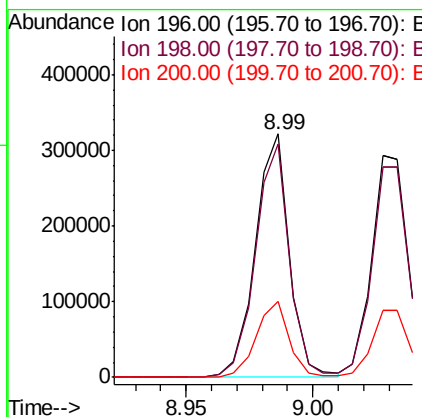
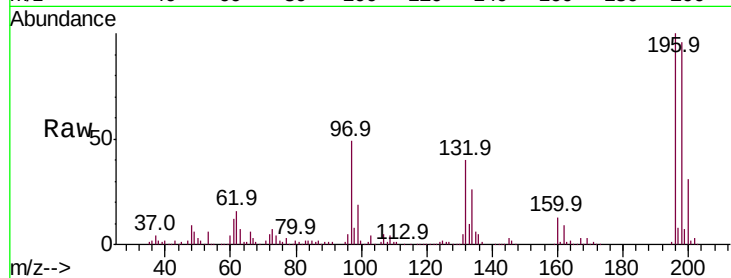
ClientSampled :

S-1MS

Tot Ion:	196	Resp:	300045
Ion Ratio	Lower	Upper	
196	100		
198	96.0	77.7	116.5
200	31.2	24.9	37.3

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM



#44

2,4,5-Trichlorophenol

Concen: 45.055 ng

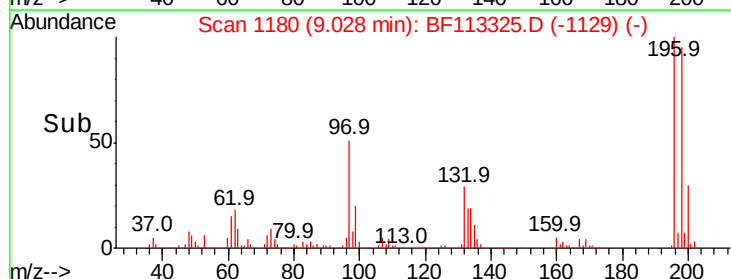
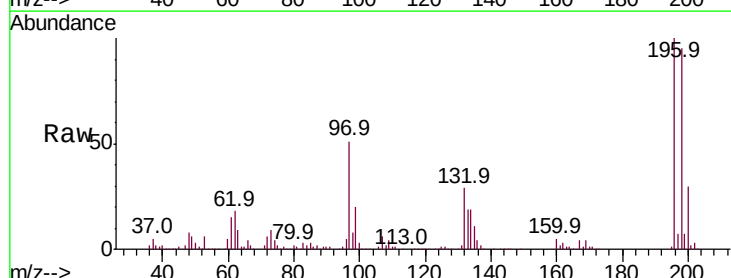
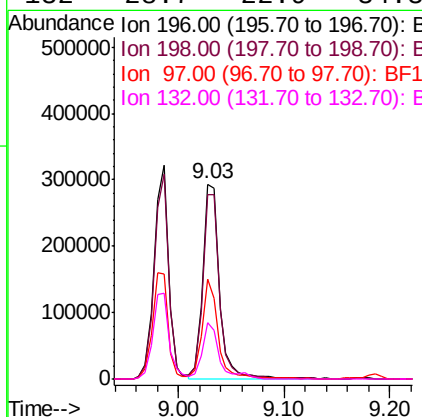
RT: 9.03 min Scan# 1180

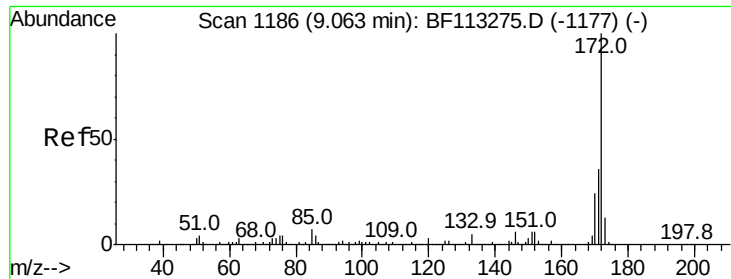
Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Tgt Ion:	196	Resp:	319479
Ion Ratio	Lower	Upper	
196	100		
198	95.0	75.4	113.2
97	51.2	38.6	58.0
132	28.7	22.9	34.3





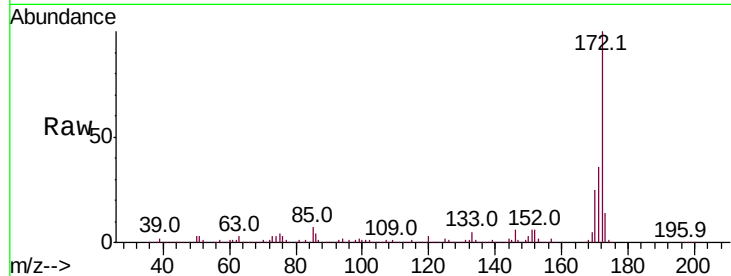
#45
2-Fluorobiphenyl
Concen: 86.764 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.0	43.6
170	25.1	19.5	29.3

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM

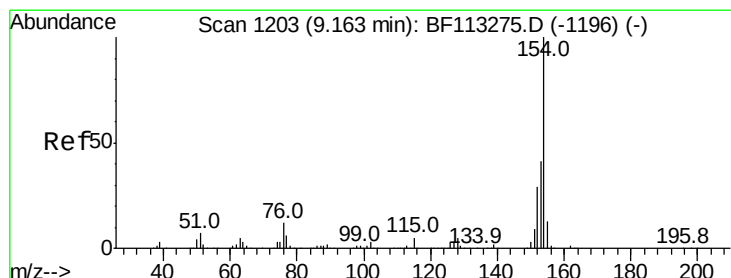
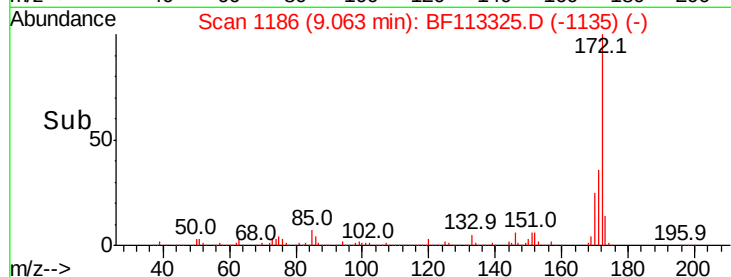
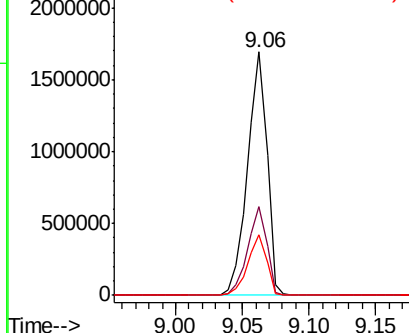


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 43.674 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

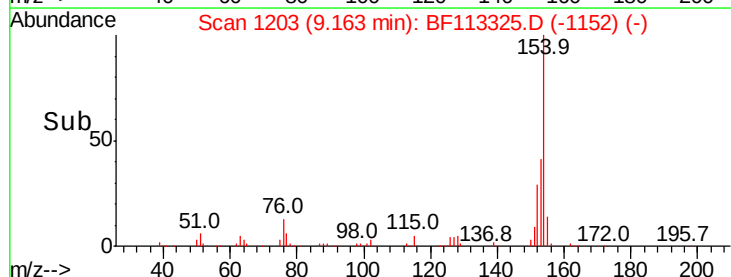
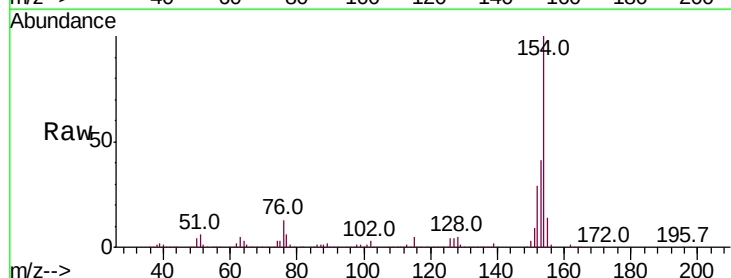
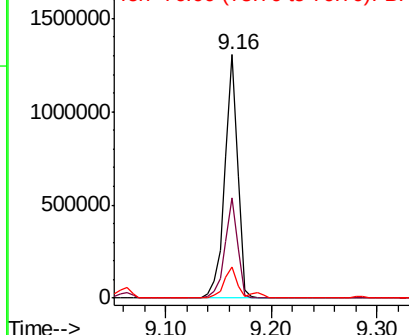
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.3	20.8	60.8
76	12.9	0.0	31.9

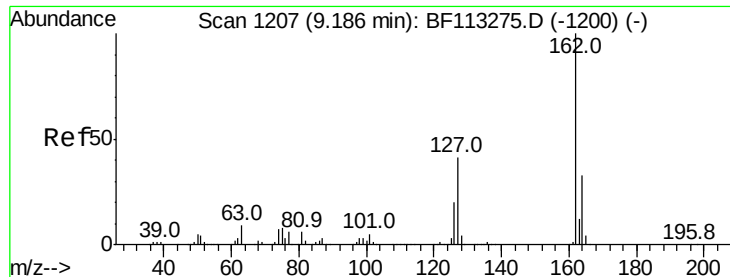
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





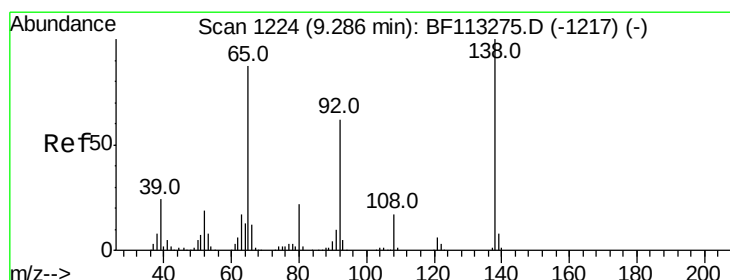
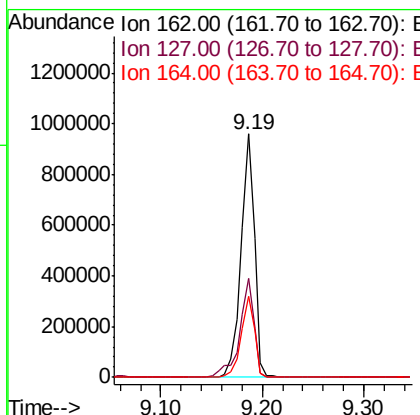
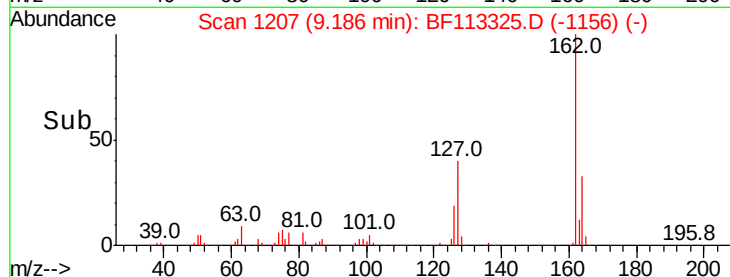
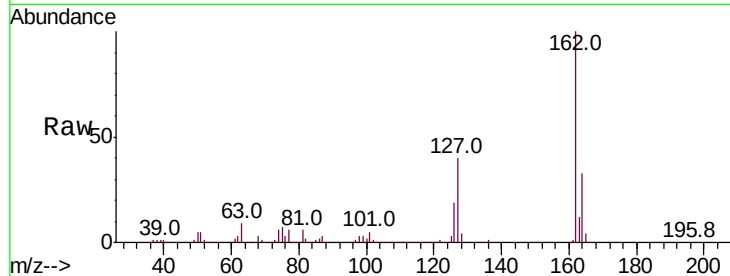
#47
 2-Chloronaphthalene
 Concen: 44.611 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
162	100	879322		
127	40.5		32.6	49.0
164	33.2		26.6	39.8

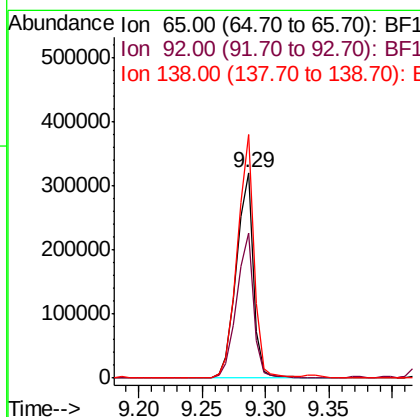
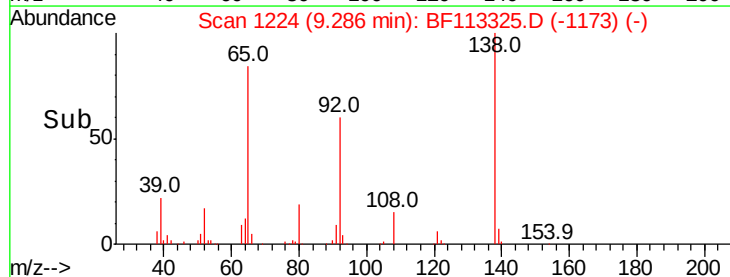
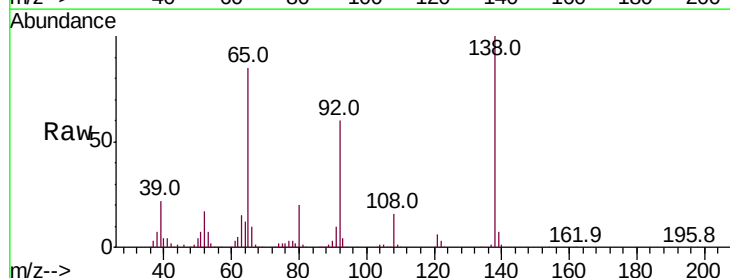
Manual Integrations
 APPROVED

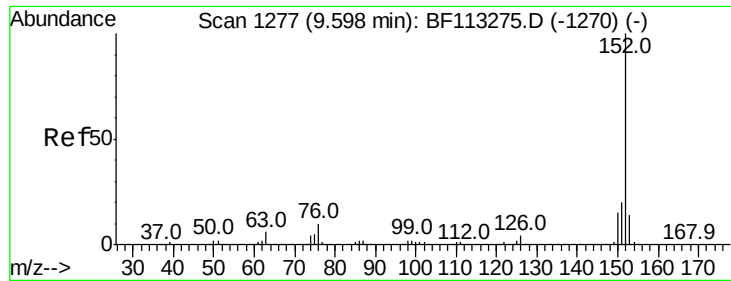
Sohil
 3/28/2019 8:41:38 AM



#48
 2-Nitroaniline
 Concen: 48.114 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	297619		
92	70.7		56.8	85.2
138	118.3		92.3	138.5





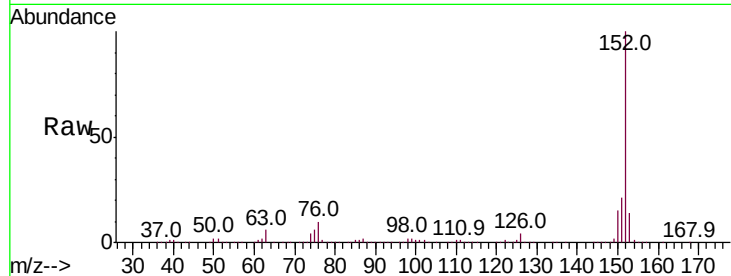
#49
Acenaphthylene
Concen: 44.695 ng
RT: 9.60 min Scan# 1277
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	13.8	11.0	16.6

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM

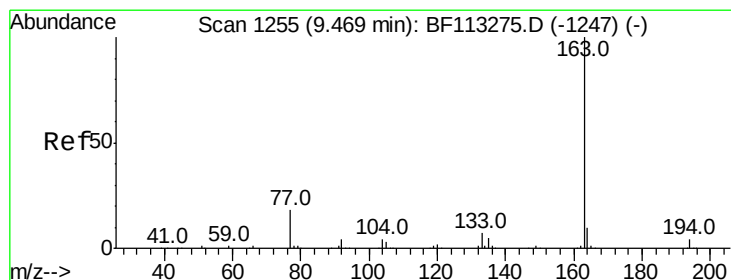
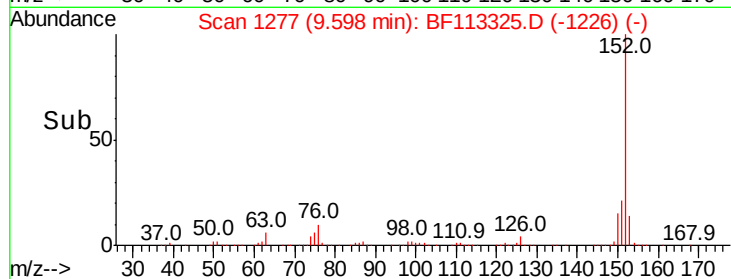
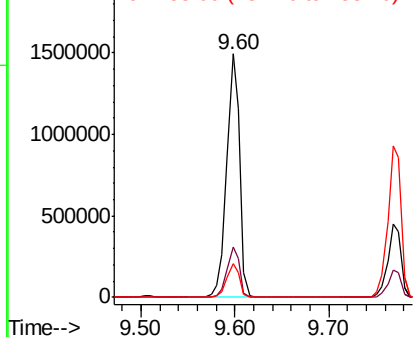


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 51.012 ng
RT: 9.47 min Scan# 1255
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

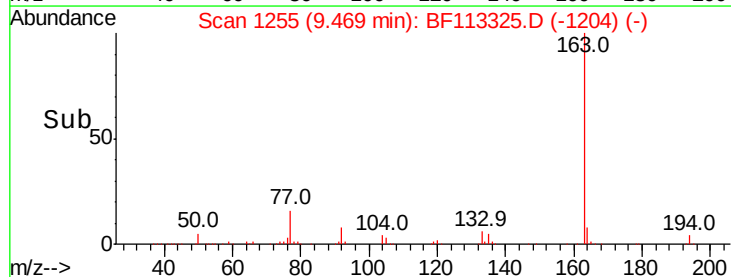
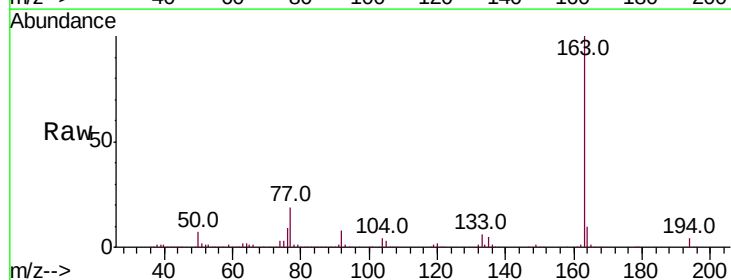
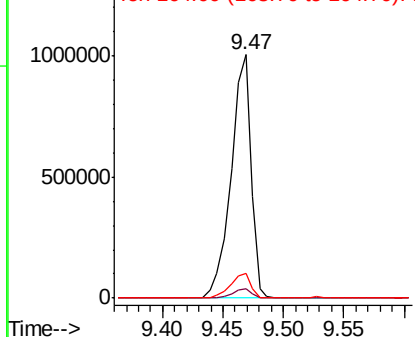
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.0	8.1	12.1

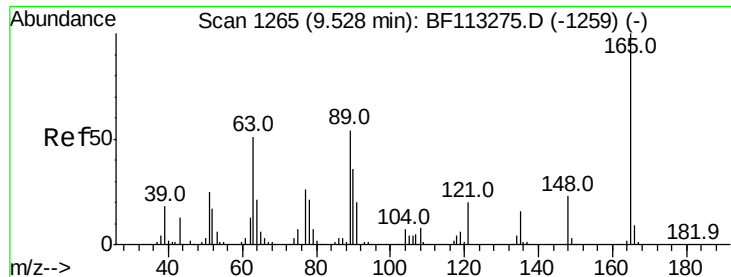
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 47.186 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

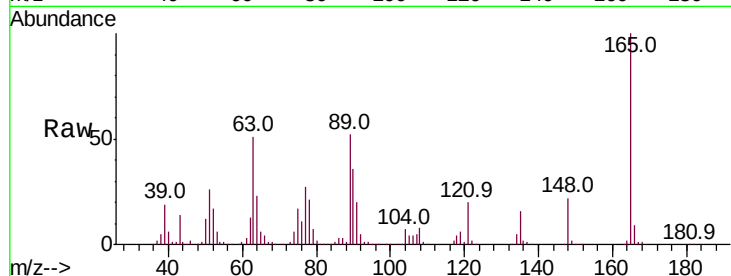
ClientSampled :

S-1MS

Tot Ion:	165	Resp:	241807
Ion Ratio	Lower	Upper	
165	100		
63	51.2	43.4	65.0
89	52.1	43.1	64.7

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM

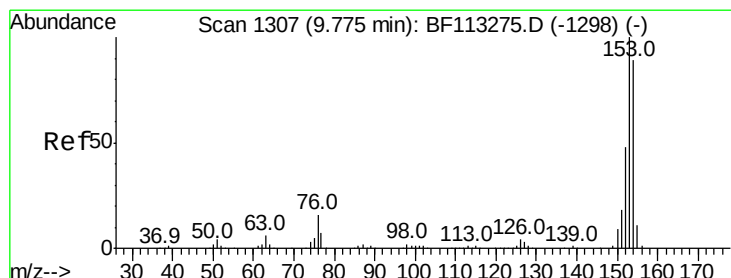
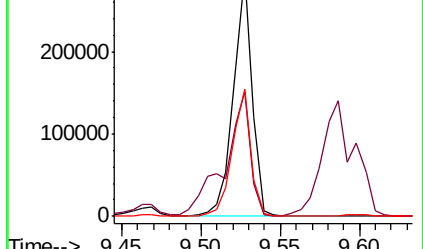
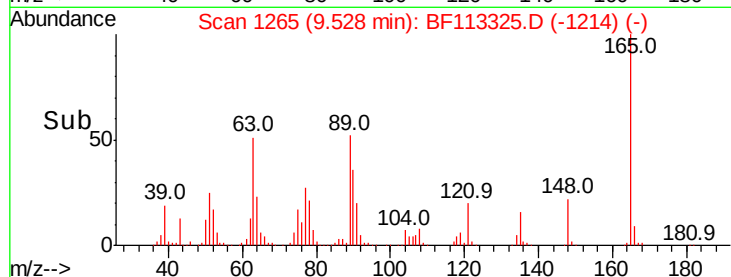


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



#52

Acenaphthene

Concen: 45.089 ng

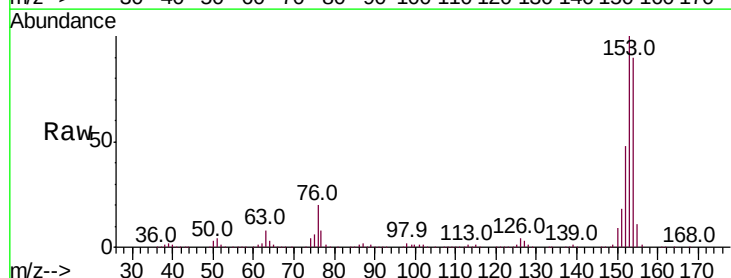
RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Tgt Ion:	154	Resp:	809266
Ion Ratio	Lower	Upper	
154	100		
153	111.2	89.5	134.3
152	53.7	43.3	64.9

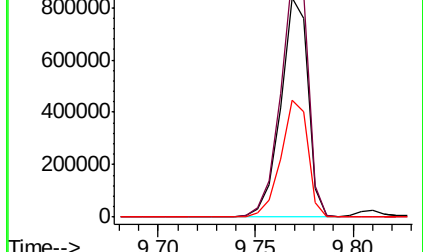
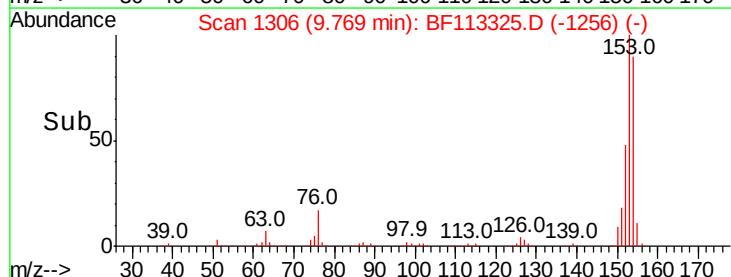


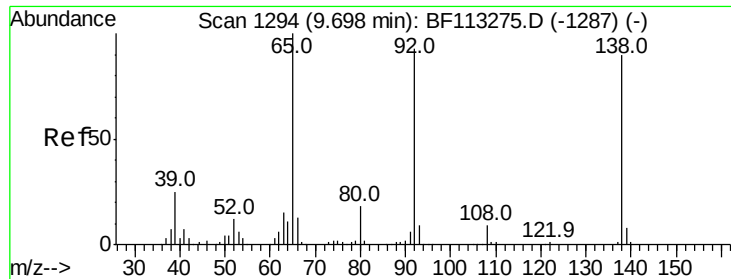
Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->





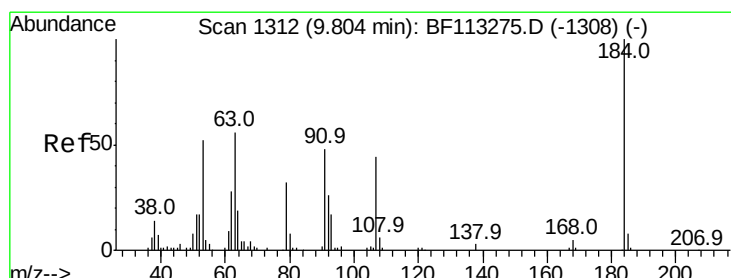
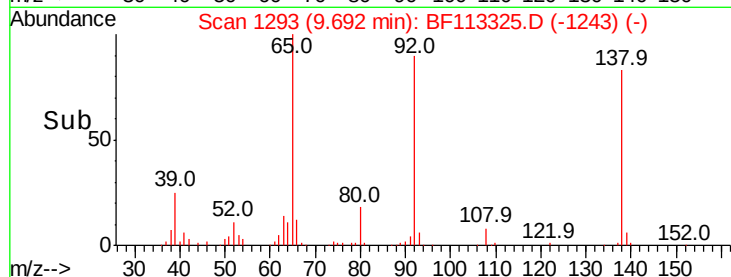
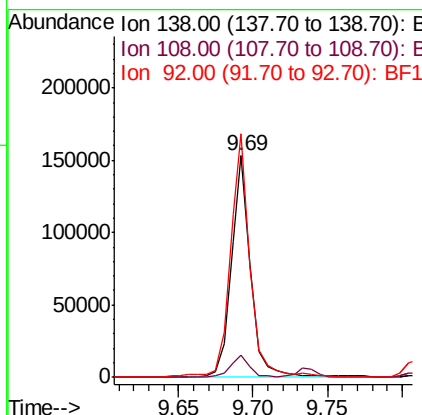
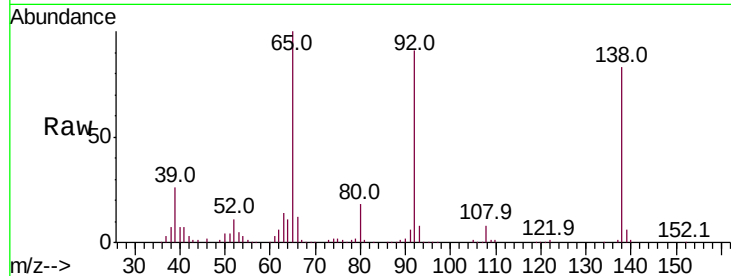
#53
3-Nitroaniline
Concen: 23.929 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.9	7.8	11.6
92	109.8	82.6	124.0

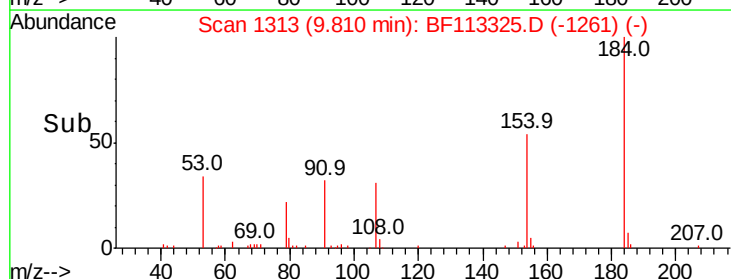
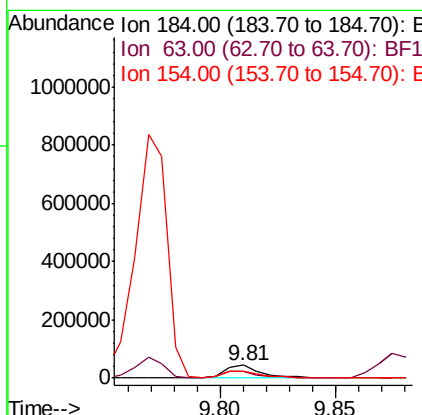
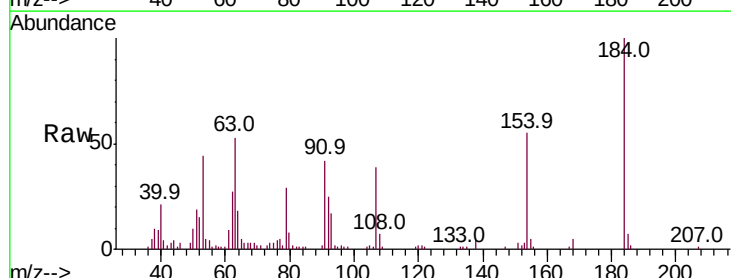
Manual Integrations
APPROVED

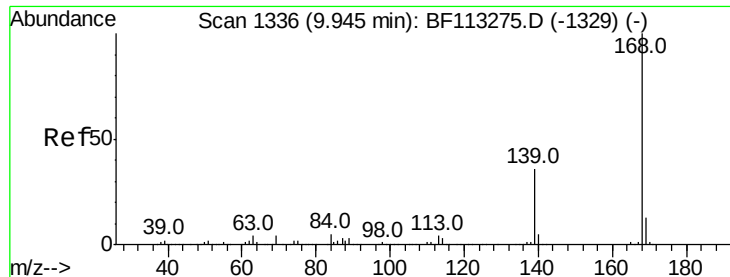
Sohil
3/28/2019 8:41:38 AM



#54
2,4-Dinitrophenol
Concen: 19.002 ng
RT: 9.81 min Scan# 1313
Delta R.T. 0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
184	100		
63	53.0	54.3	81.5#
154	55.4	48.4	72.6





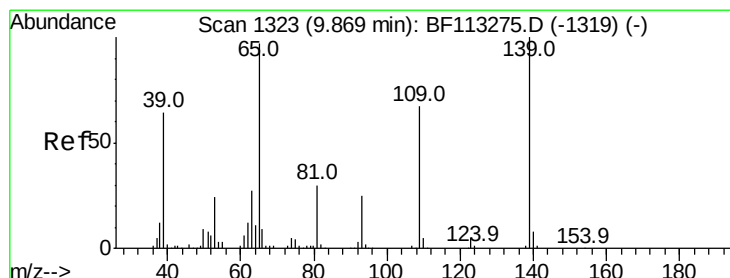
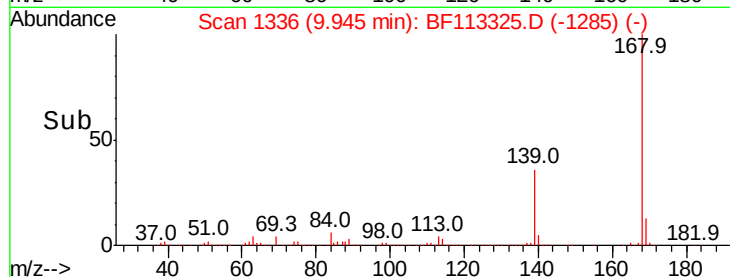
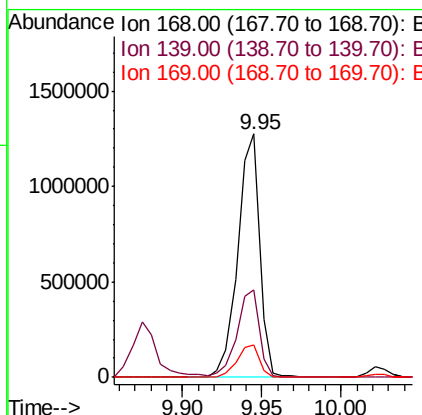
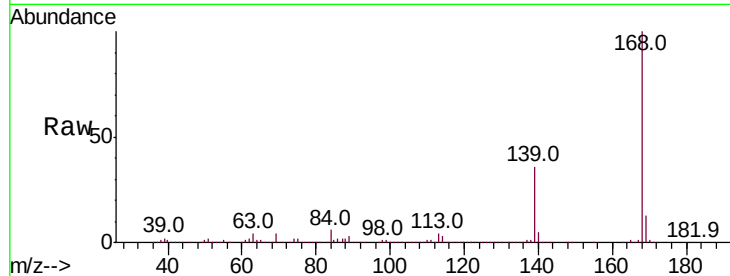
#55
Dibenzofuran
Concen: 45.335 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	35.7	29.7	44.5
169	13.4	10.7	16.1

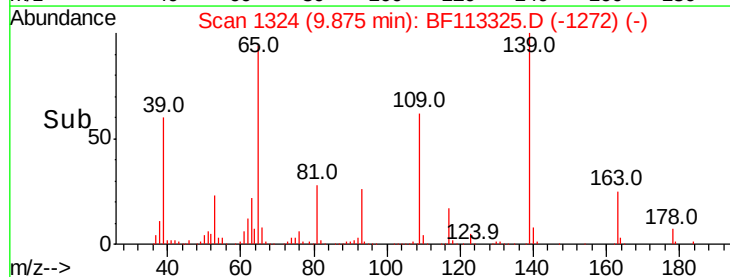
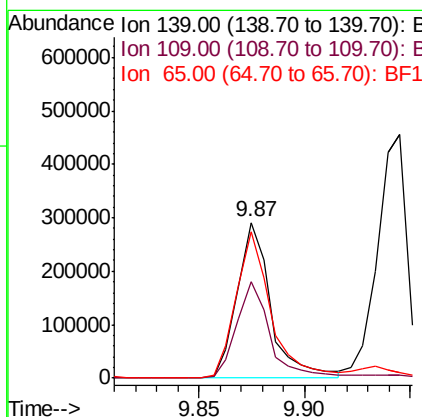
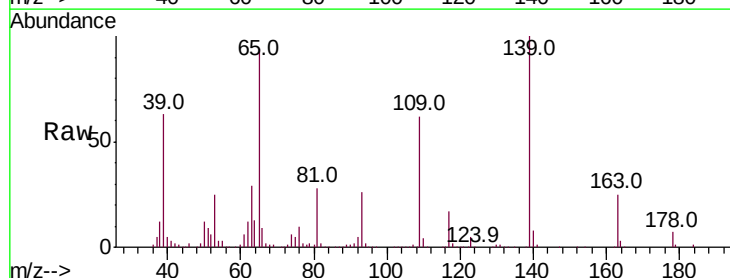
Manual Integrations
APPROVED

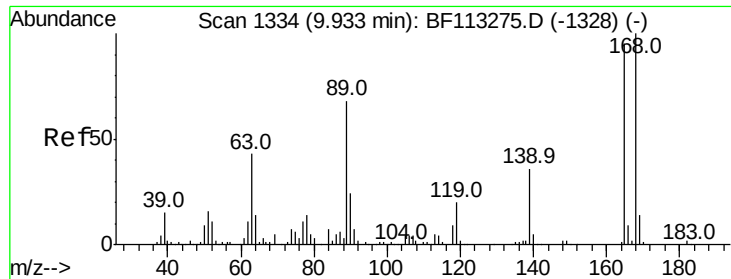
Sohil
3/28/2019 8:41:38 AM



#56
4-Nitrophenol
Concen: 78.399 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
139	100		
109	61.9	46.9	86.9
65	94.1	77.2	117.2





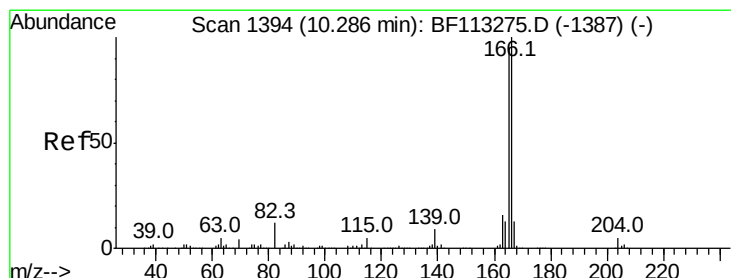
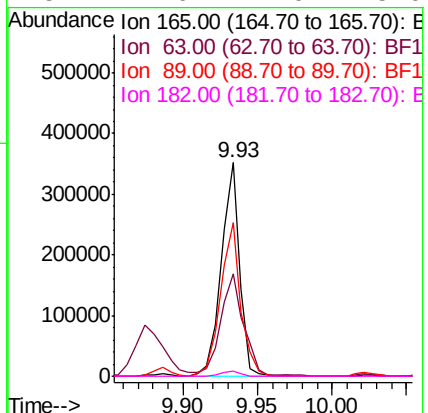
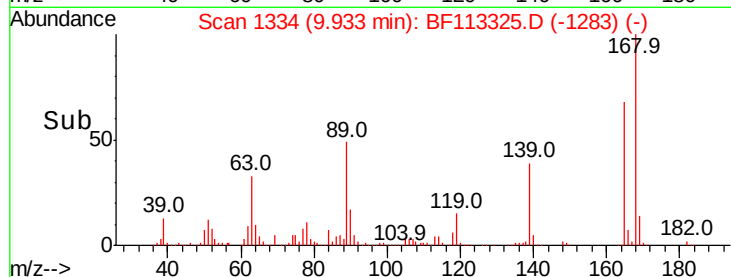
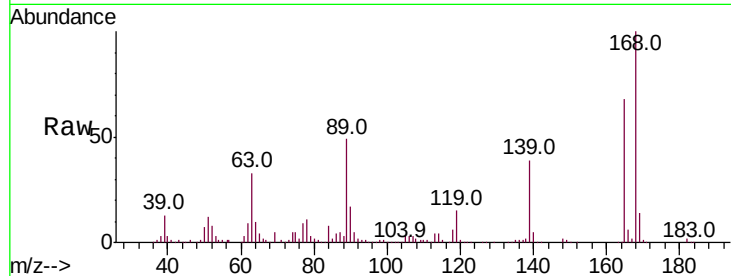
#57
2,4-Dinitrotoluene
Concen: 46.631 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.1	37.5	56.3	
89	72.1	57.4	86.2	
182	2.6	2.0	3.0	

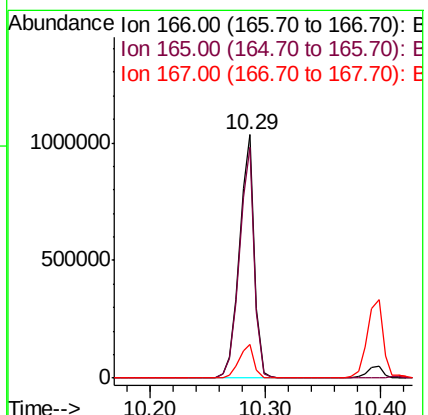
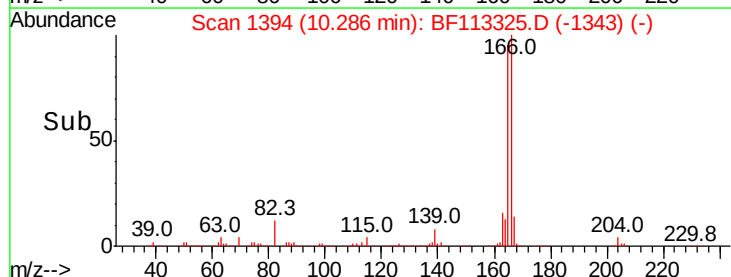
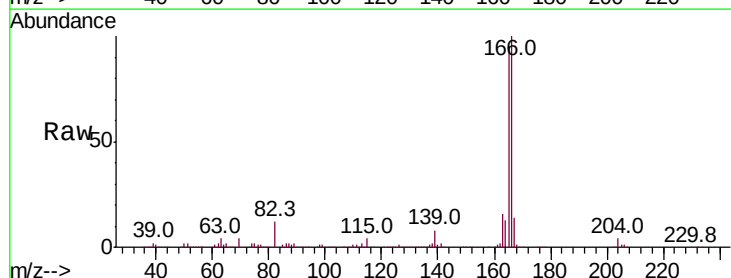
Manual Integrations
APPROVED

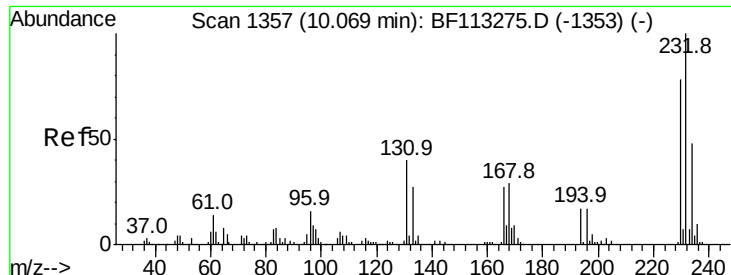
Sohil
3/28/2019 8:41:38 AM



#58
Fluorene
Concen: 44.246 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	94.6	76.2	114.2	
167	13.7	10.7	16.1	





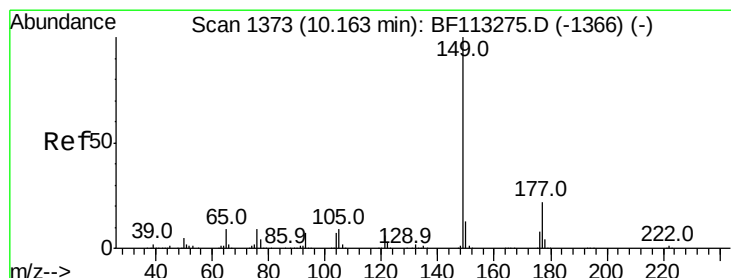
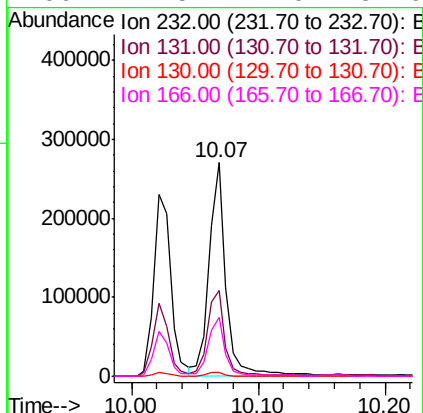
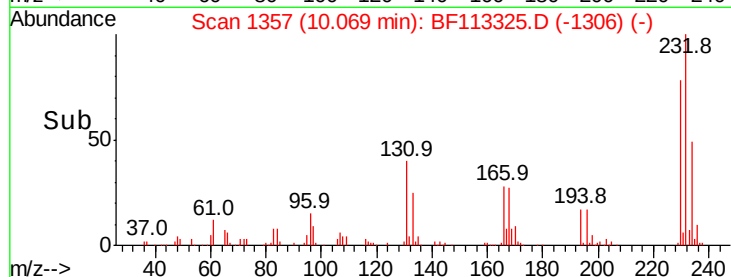
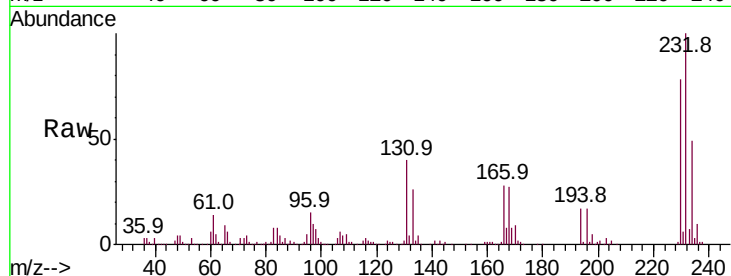
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.955 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampled :
 S-1MS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	251579		
131	41.4		33.2	49.8
130	1.8		1.6	2.4
166	27.5		21.0	31.6

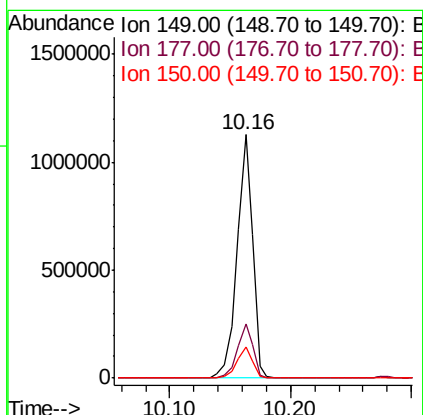
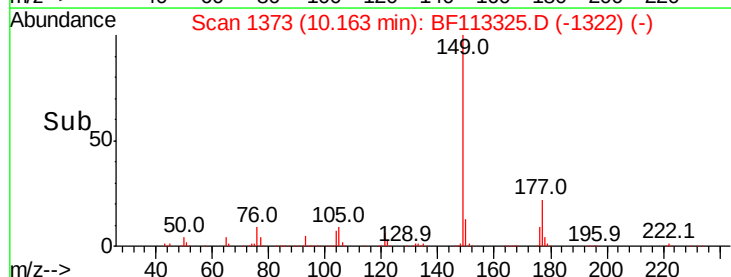
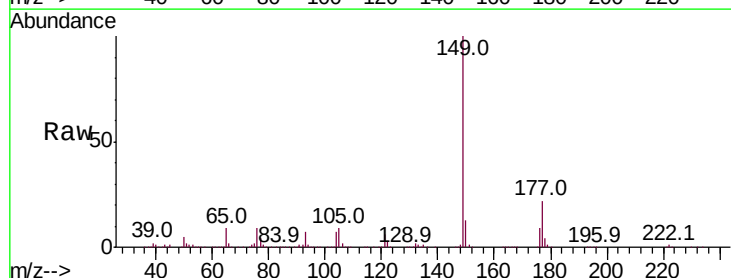
Manual Integrations
 APPROVED

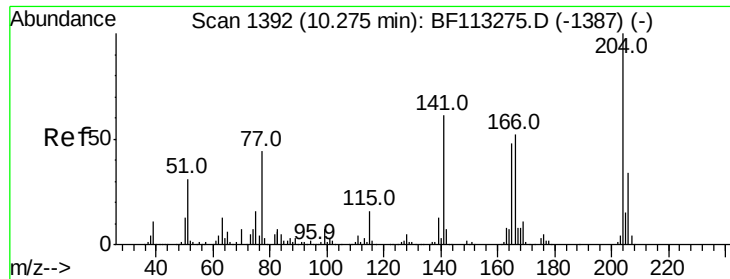
Sohil
 3/28/2019 8:41:38 AM



#60
 Diethylphthalate
 Concen: 45.569 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1015445		
177	22.3		17.4	26.0
150	12.9		10.0	15.0





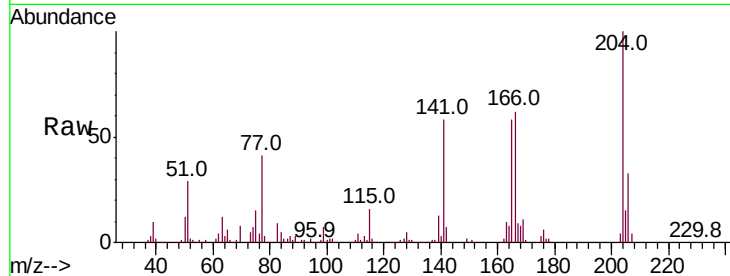
#61
4-Chlorophenyl-phenylether
Concen: 44.419 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.9	40.3
141	58.2	48.8	73.2

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM

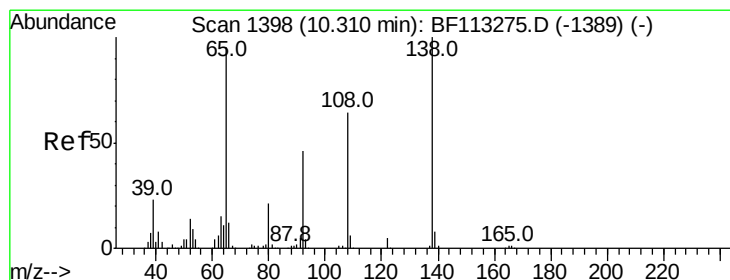
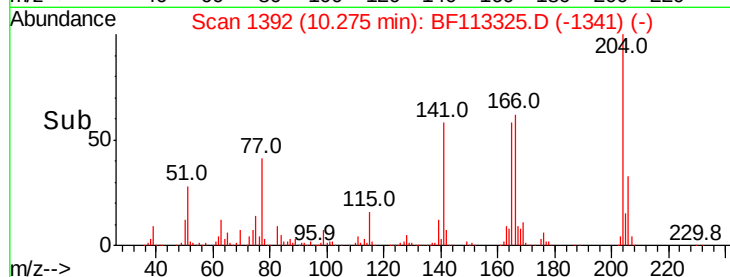
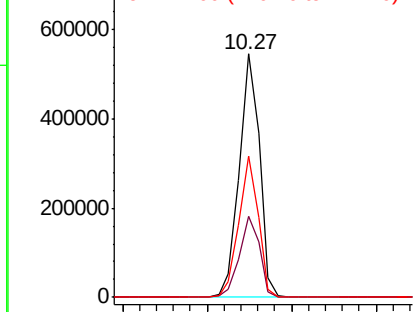


Abundance

Ion 204.00 (203.70 to 204.70): E

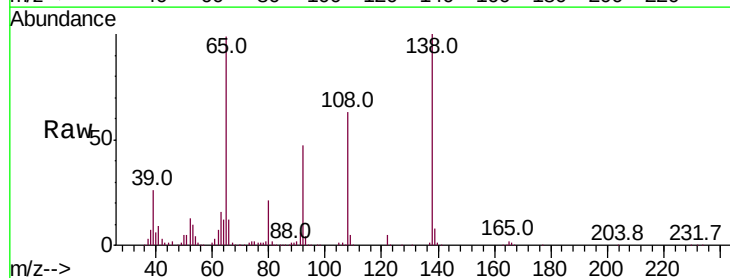
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 44.882 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.6	25.8	65.8
108	62.7	44.0	84.0

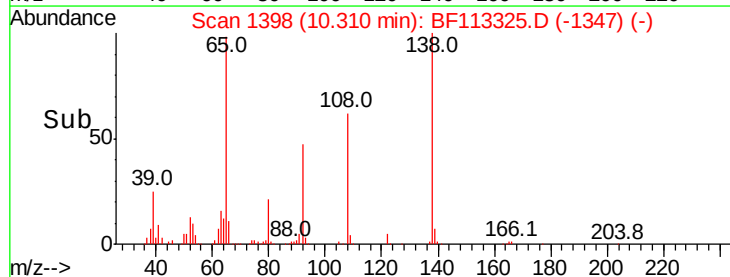
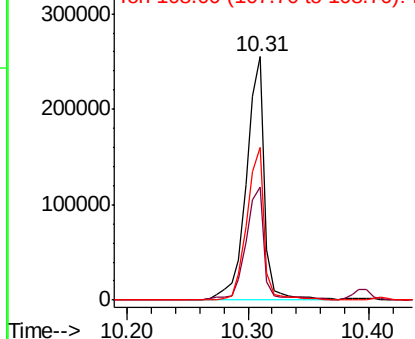


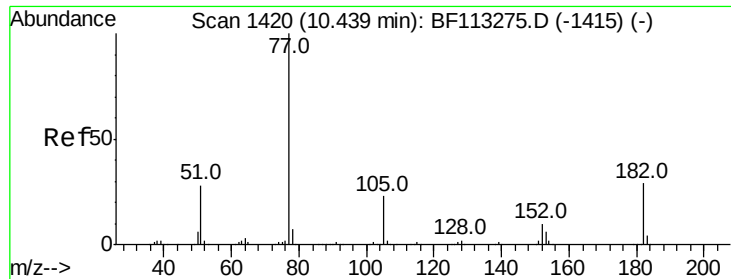
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





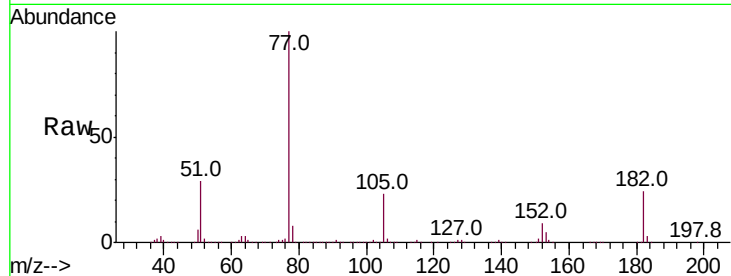
#63
Azobenzene
Concen: 45.683 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

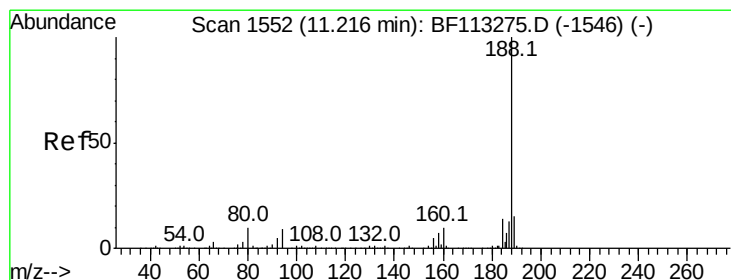
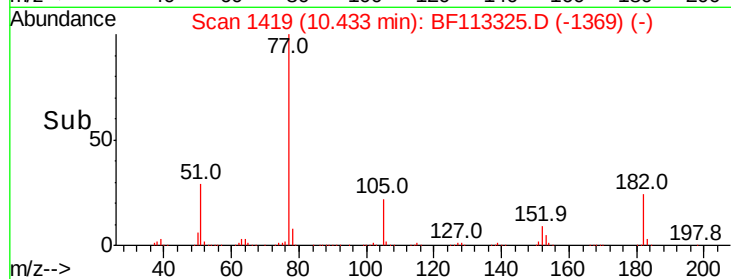
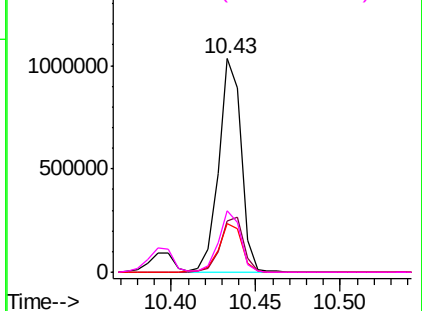
Tot Ion	Ratio	Lower	Upper
77	100		
182	23.9	8.7	48.7
105	22.5	2.9	42.9
51	28.6	8.8	48.8

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM



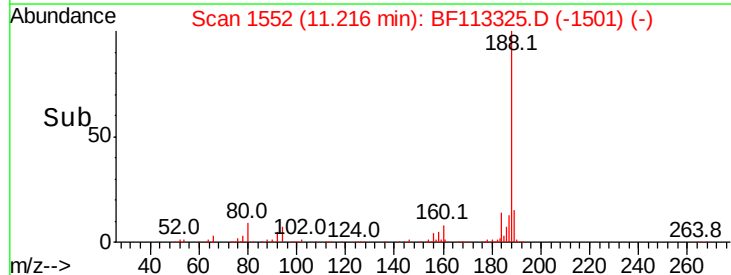
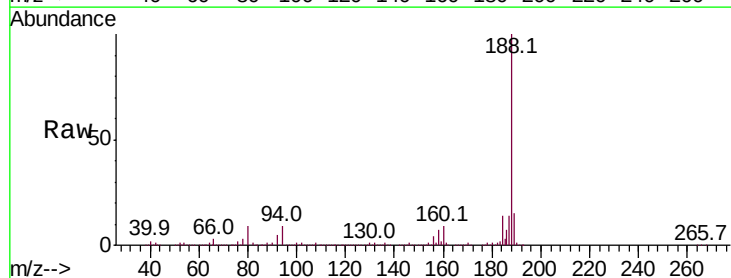
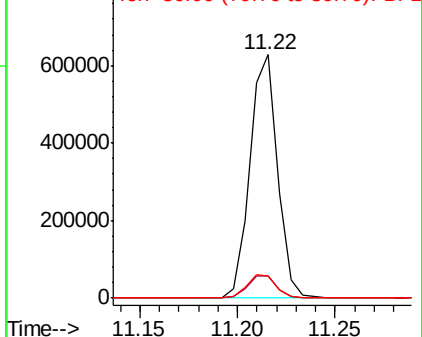
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

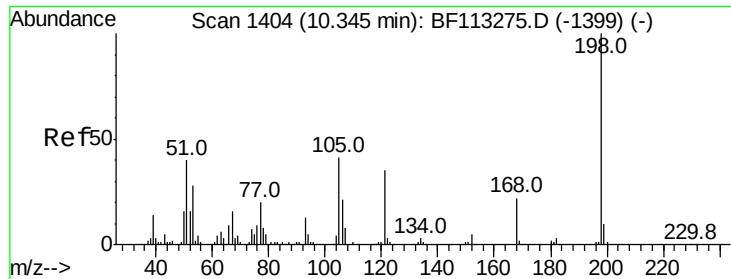


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.6
80	9.1	7.7	11.5

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





#65

4,6-Dinitro-2-methylphenol

Concen: 22.748 ng

RT: 10.35 min Scan# 1404

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

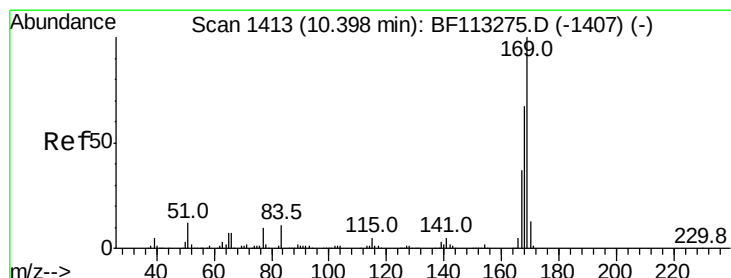
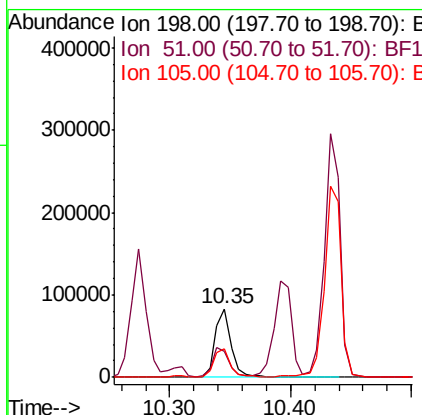
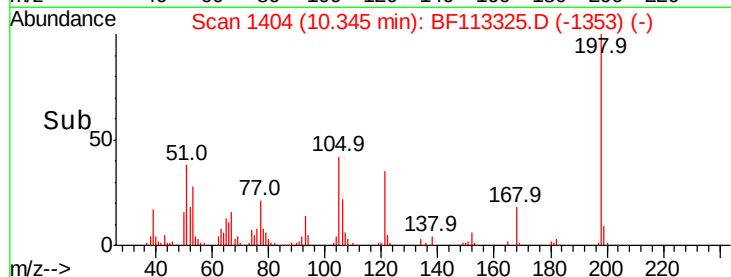
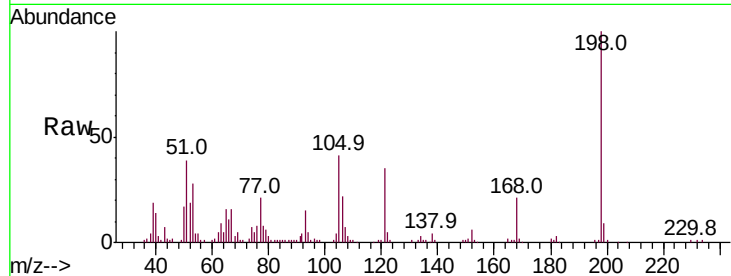
ClientSampled :

S-1MS

Tot Ion:198	Resp:	76711
Ion Ratio	Lower	Upper
198 100		
51 38.6	21.6	61.6
105 41.2	20.6	60.6

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM



#66

n-Nitrosodiphenylamine

Concen: 46.343 ng

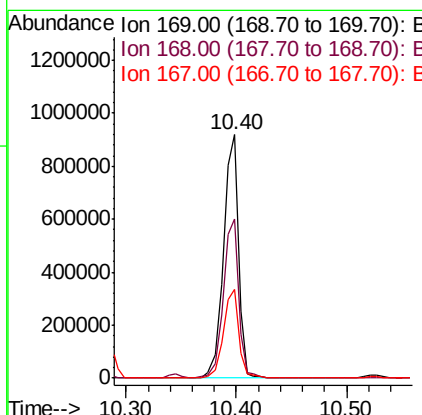
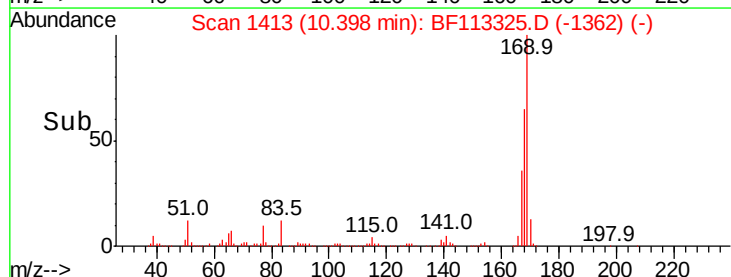
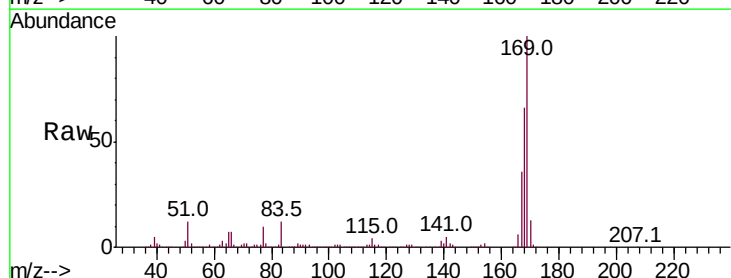
RT: 10.40 min Scan# 1413

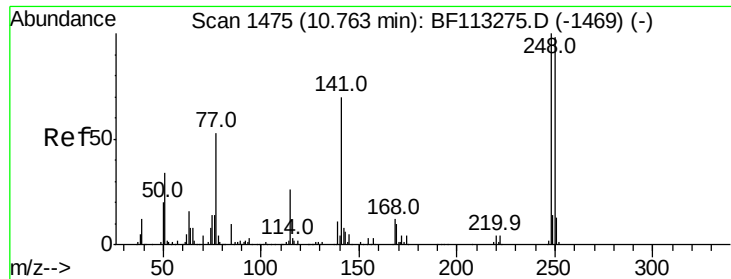
Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Tgt Ion:169	Resp:	876623
Ion Ratio	Lower	Upper
169 100		
168 65.5	53.7	80.5
167 36.4	29.5	44.3





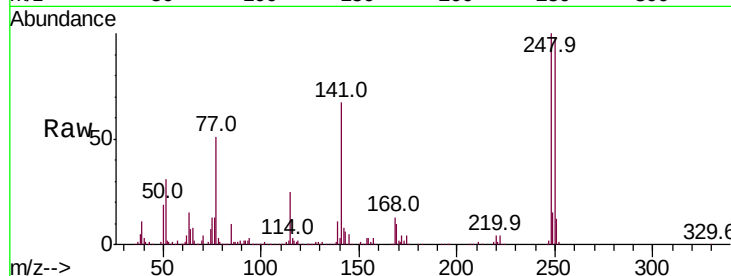
#67
4-Bromophenyl-phenylether
Concen: 45.276 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampled :
S-1MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.3	117.5
141	66.7	56.2	84.4

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM

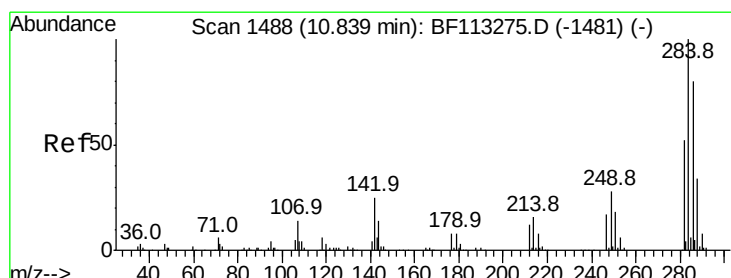
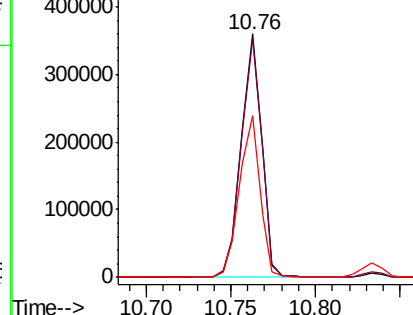
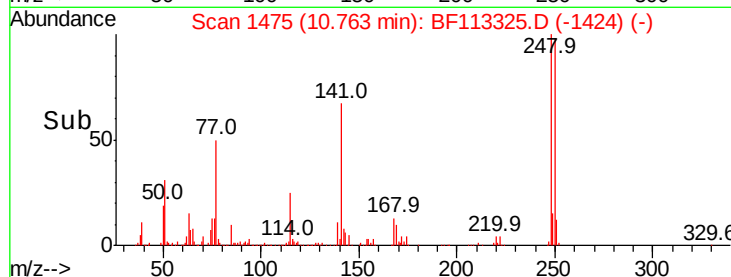


Abundance

Ion 248.00 (247.70 to 248.70): E

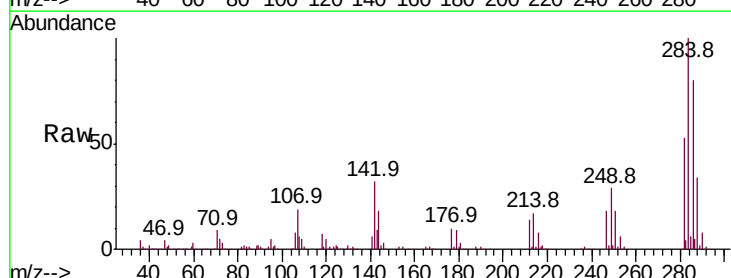
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 45.615 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.5	20.1	30.1#
249	29.4	22.7	34.1

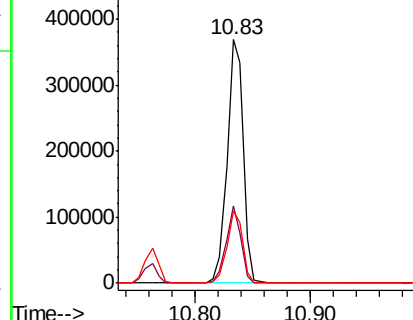
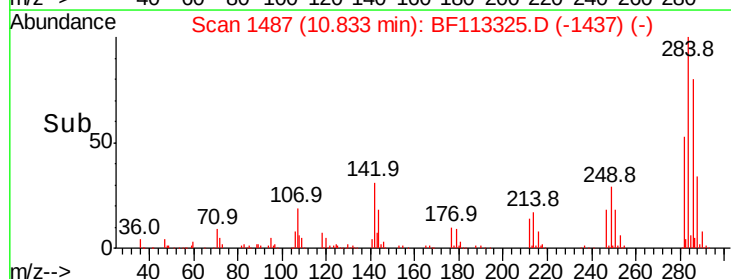


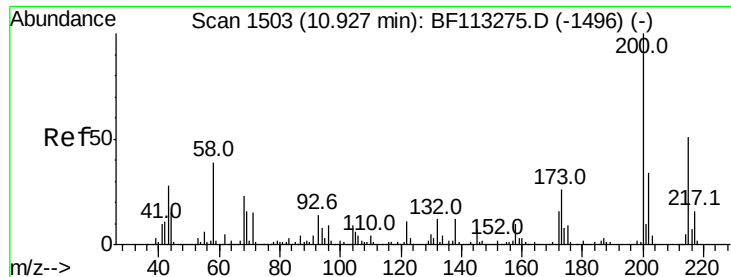
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





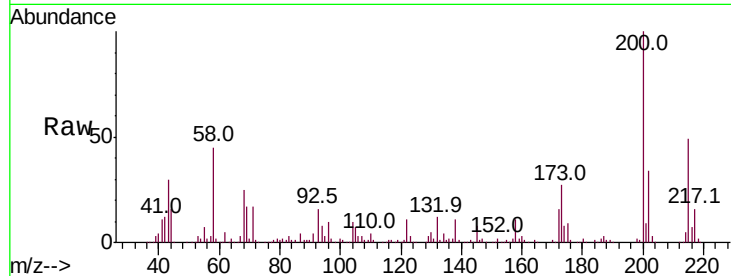
#69
 Atrazine
 Concen: 46.908 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampled :
 S-1MS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.6	6.0	46.0
215	48.6	31.3	71.3

Manual Integrations
 APPROVED

Sohil
 3/28/2019 8:41:38 AM

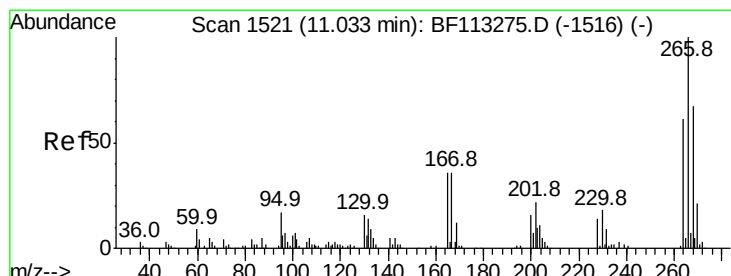
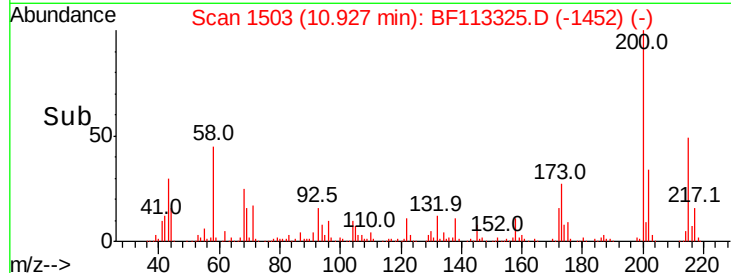
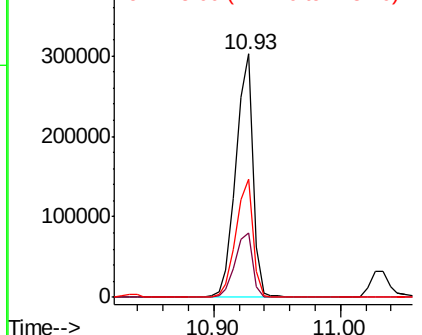


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 58.395 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

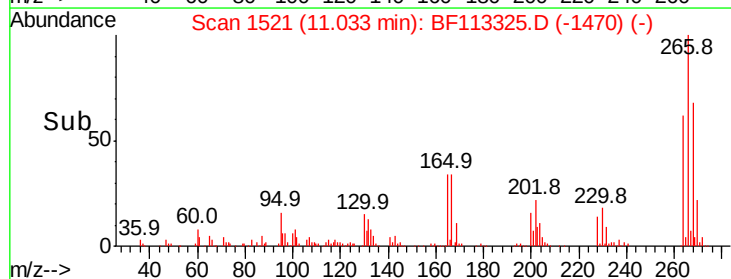
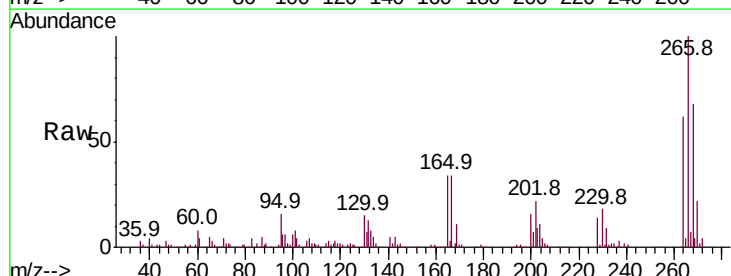
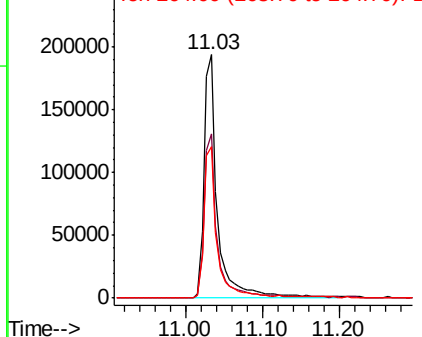
Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	67.7	53.8	80.6
264	62.0	49.2	73.8

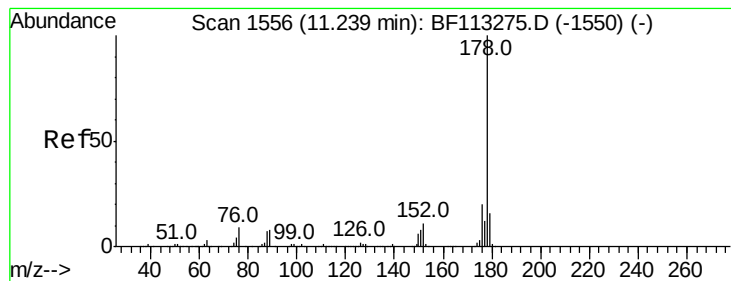
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.298 ng

RT: 11.24 min Scan# 1556

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

ClientSampleId :

S-1MS

Tot Ion:178 Resp: 1386713

Ion Ratio Lower Upper

178 100

176 20.7 16.2 24.2

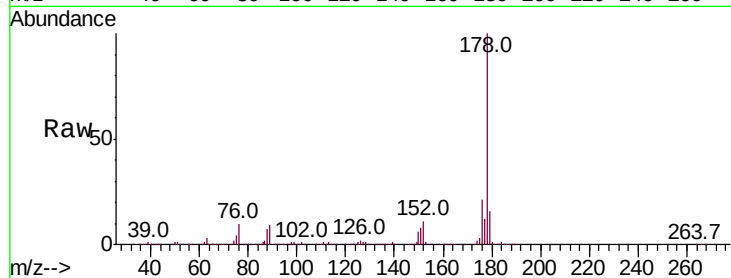
179 16.1 12.7 19.1

Manual Integrations

APPROVED

Sohil

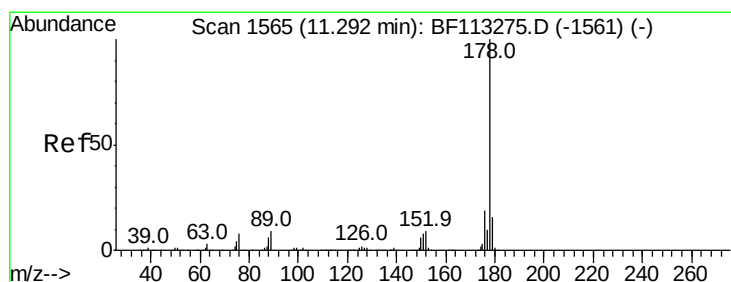
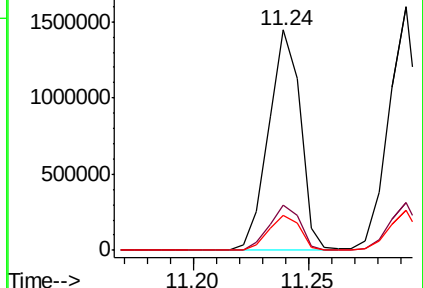
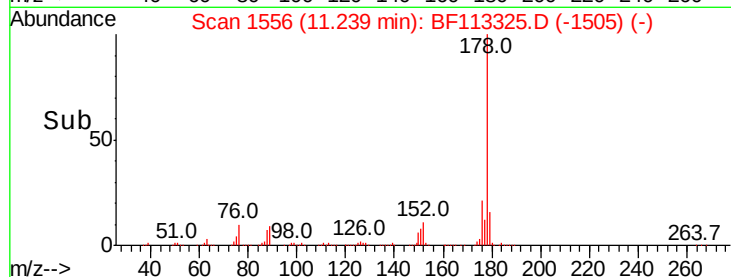
3/28/2019 8:41:38 AM



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.593 ng

RT: 11.29 min Scan# 1565

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

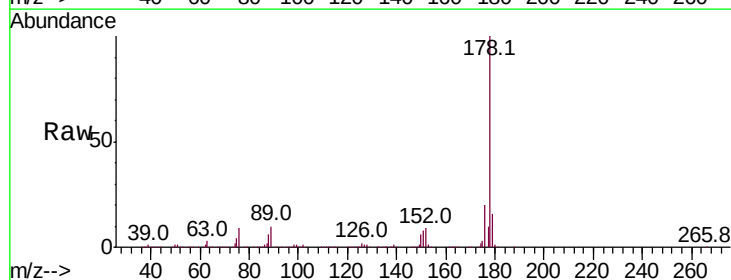
Tgt Ion:178 Resp: 1448794

Ion Ratio Lower Upper

178 100

176 19.8 15.4 23.2

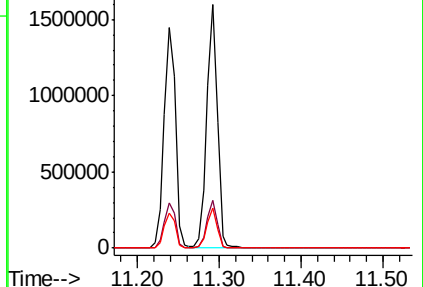
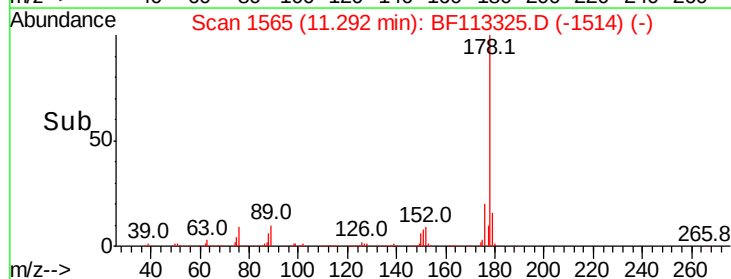
179 16.3 12.8 19.2

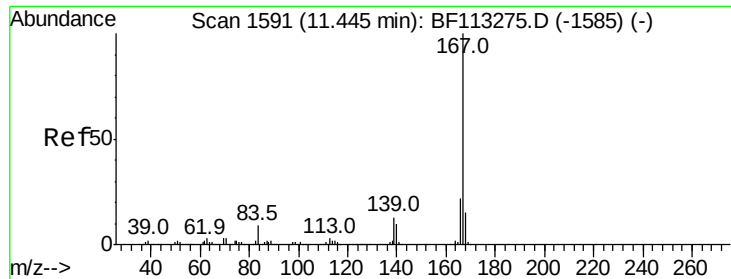


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73
 Carbazole
 Concen: 46.145 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

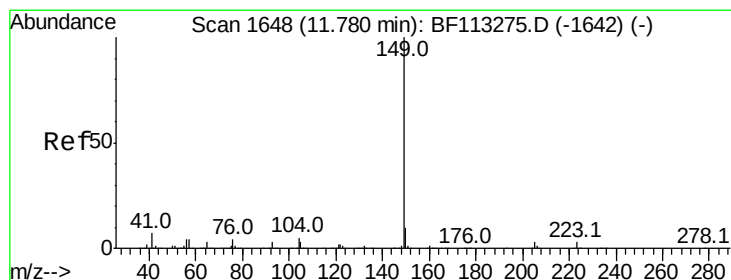
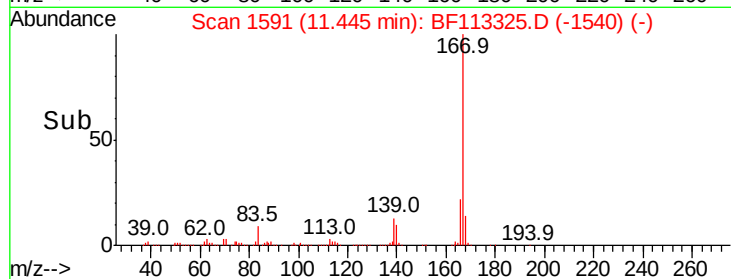
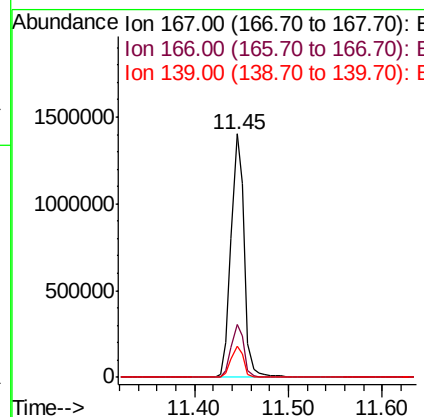
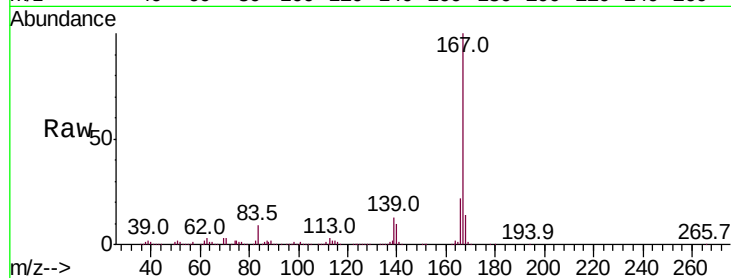
Instrument :
 BNA_F
 ClientSampleId :
 S-1MS

Tot Ion:167 Resp: 1369169

Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.0
139	12.9	10.4	15.6

Manual Integrations
 APPROVED

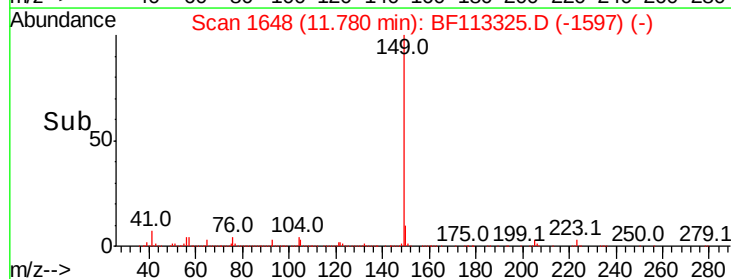
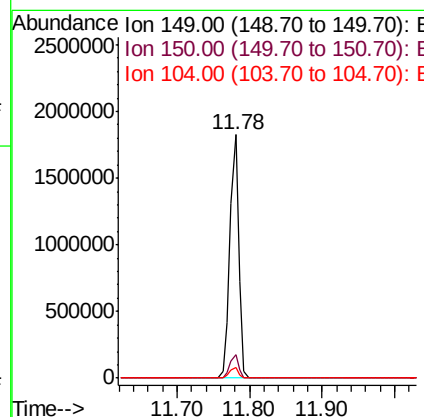
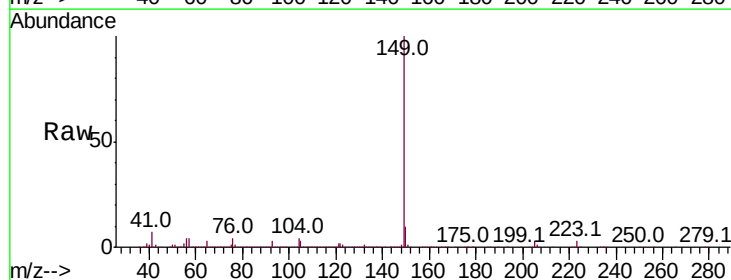
Sohil
 3/28/2019 8:41:38 AM

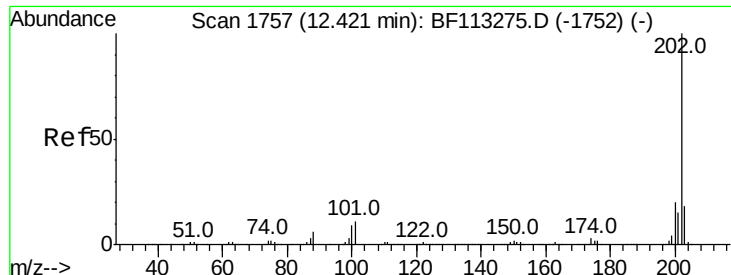


#74
 Di-n-butylphthalate
 Concen: 45.291 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion:149 Resp: 1558368

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	4.3	3.7	5.5





#75

Fluoranthene

Concen: 42.121 ng

RT: 12.42 min Scan# 1757

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

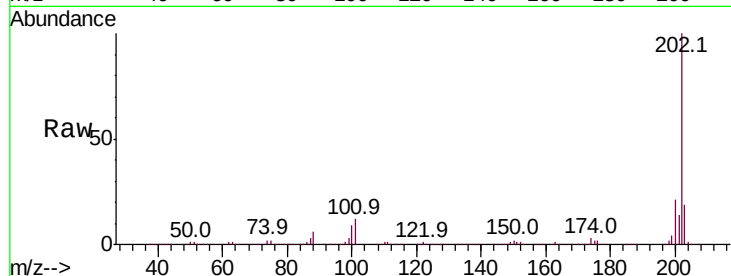
ClientSampleId :

S-1MS

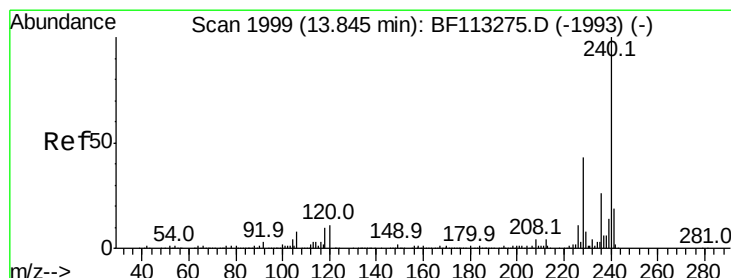
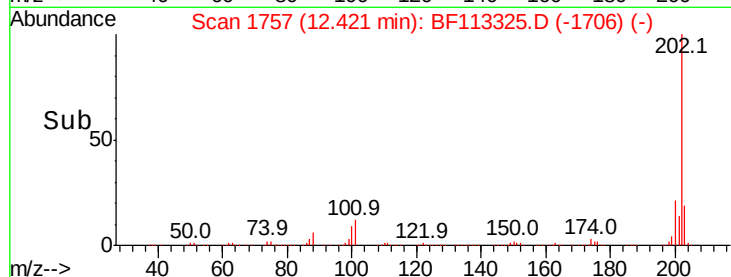
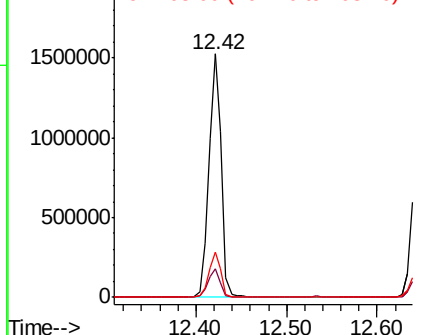
Tot Ion:	202	Resp:	1457701
Ion Ratio	Lower	Upper	
202	100		
101	11.9	0.0	31.4
203	18.5	0.0	38.0

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1999

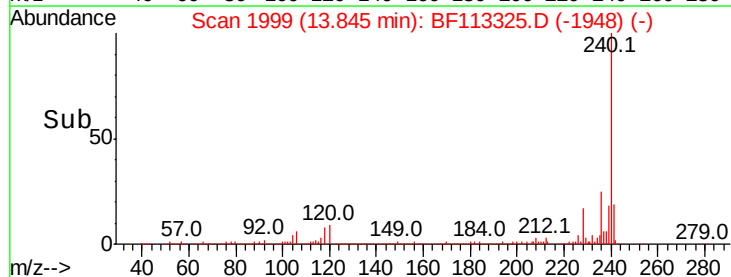
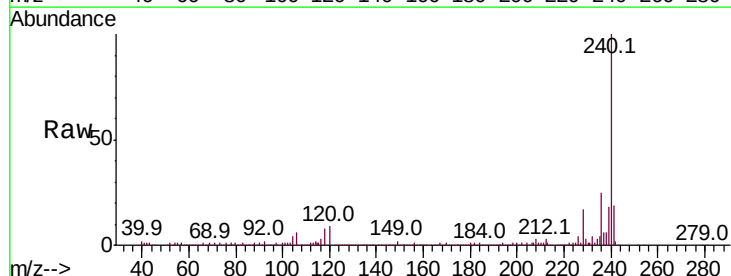
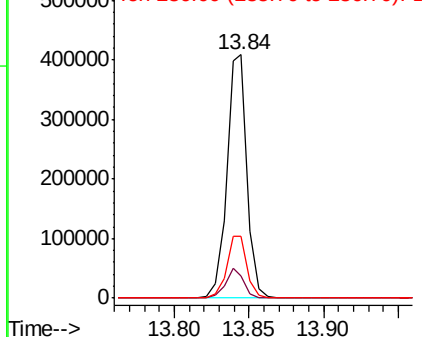
Delta R.T. 0.00 min

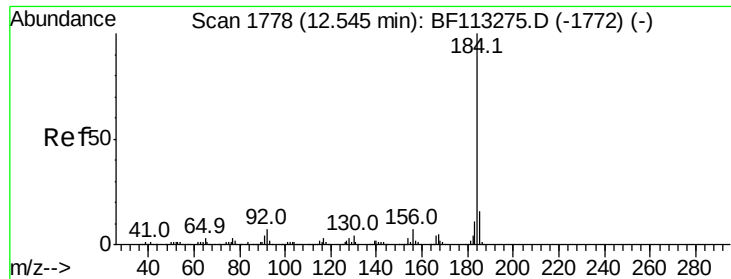
Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Tgt Ion:	240	Resp:	388071
Ion Ratio	Lower	Upper	
240	100		
120	9.3	8.8	13.2
236	25.4	20.9	31.3

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





#77

Benzidine

Concen: 12.305 ng

RT: 12.54 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

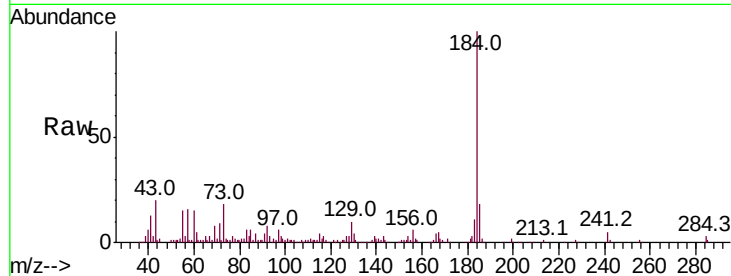
ClientSampleId :

S-1MS

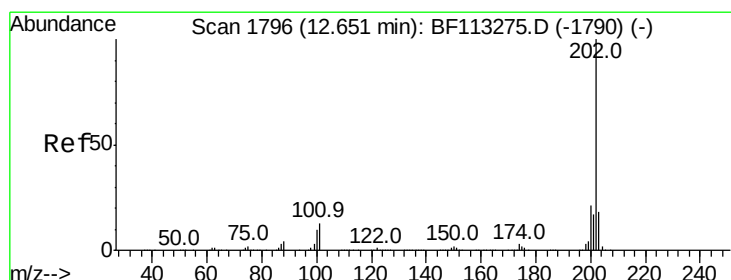
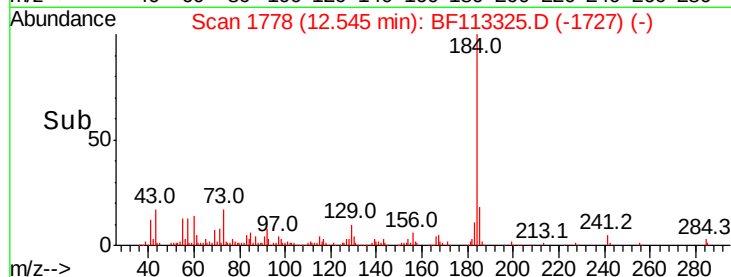
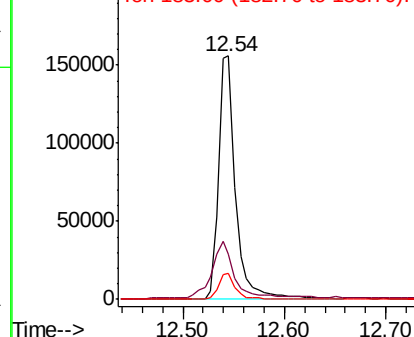
Tot Ion:	184	Resp:	182870
Ion Ratio	Lower	Upper	
184	100		
185	18.4	13.0	19.6
183	10.8	9.0	13.4

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM



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



#78

Pyrene

Concen: 53.945 ng

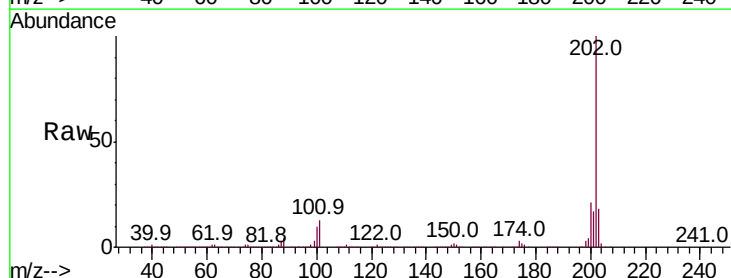
RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

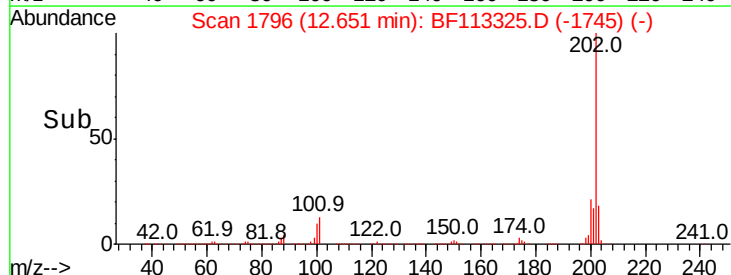
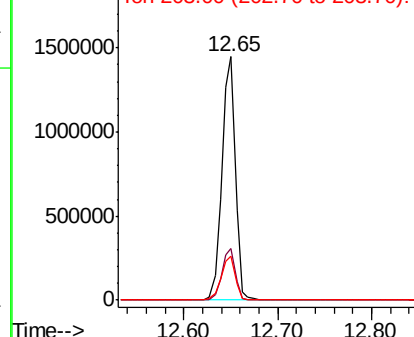
Lab File: BF113325.D

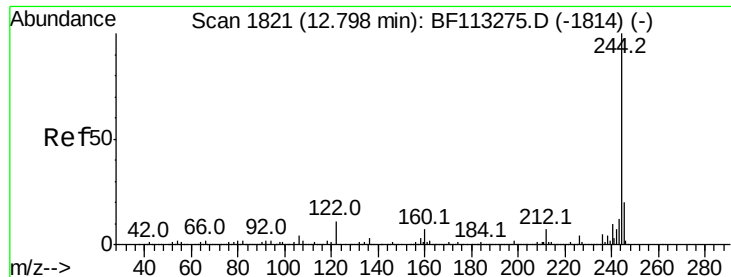
Acq: 27 Mar 2019 12:32

Tgt Ion:	202	Resp:	1450688
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.8	25.2
203	18.0	14.4	21.6



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





#79
 Terphenyl-d14
 Concen: 97.558 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

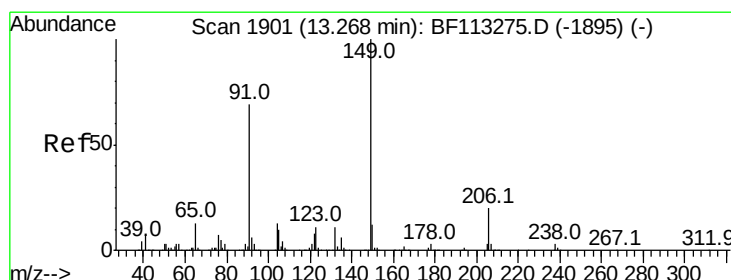
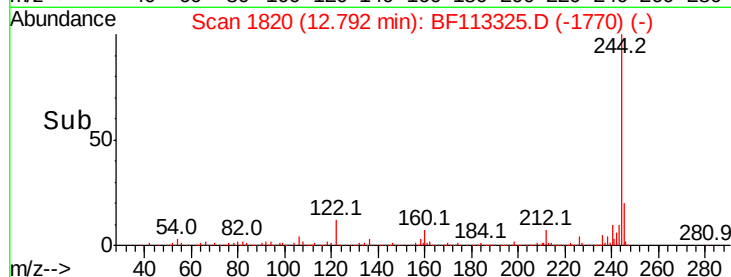
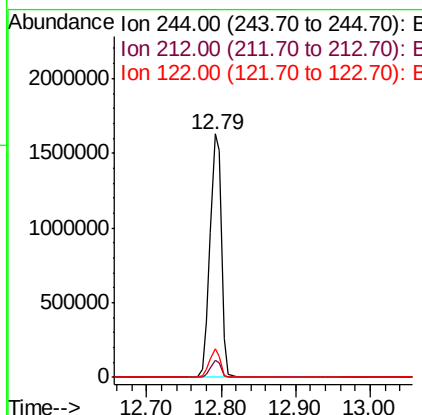
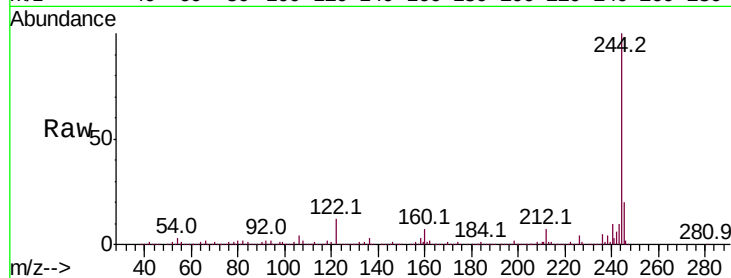
Instrument :
 BNA_F
 ClientSampled :
 S-1MS

Tot Ion:244 Resp: 1717625

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	11.8	8.6	13.0

Manual Integrations
 APPROVED

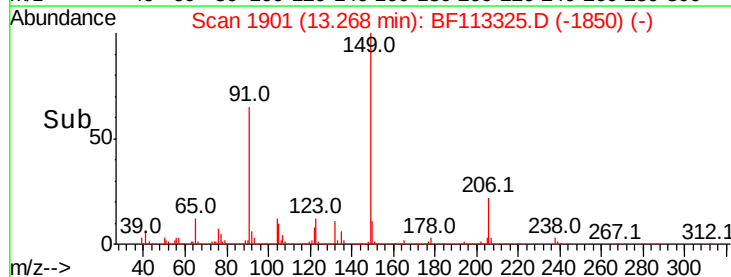
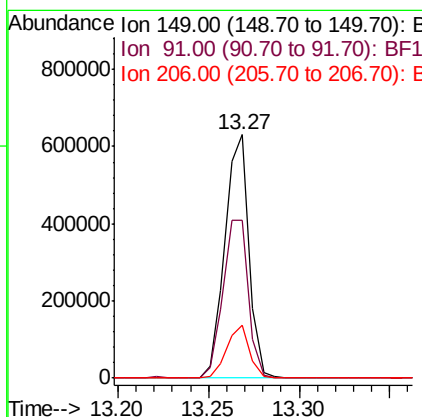
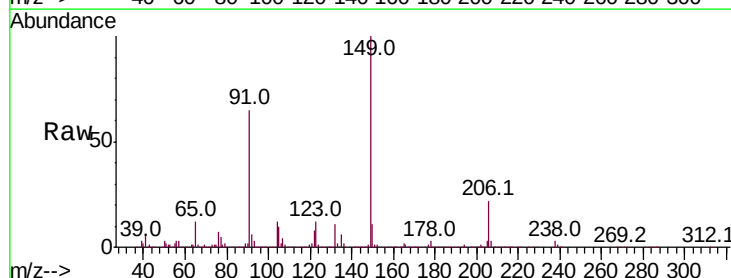
Sohil
 3/28/2019 8:41:38 AM

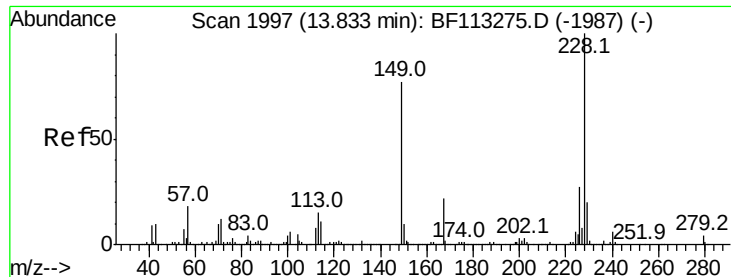


#80
 Butylbenzylphthalate
 Concen: 49.143 ng
 RT: 13.27 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion:149 Resp: 582422

Ion	Ratio	Lower	Upper
149	100		
91	65.1	55.2	82.8
206	21.9	16.1	24.1





#81

Benzo(a)anthracene

Concen: 44.929 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Instrument :

BNA_F

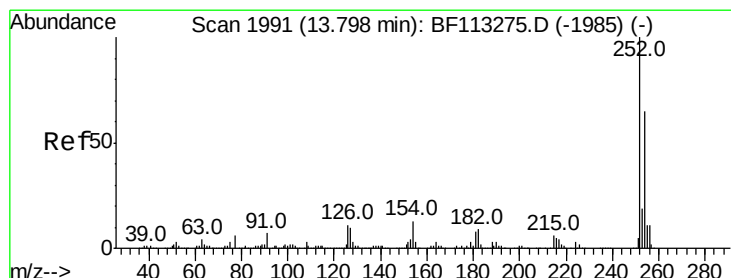
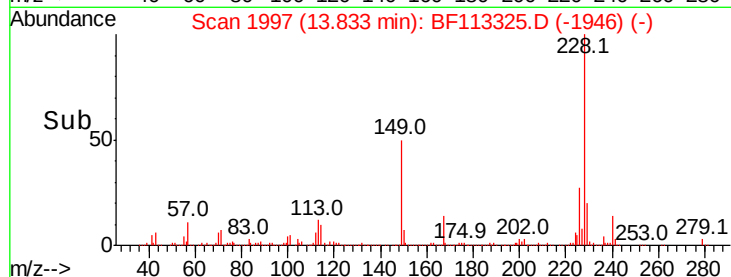
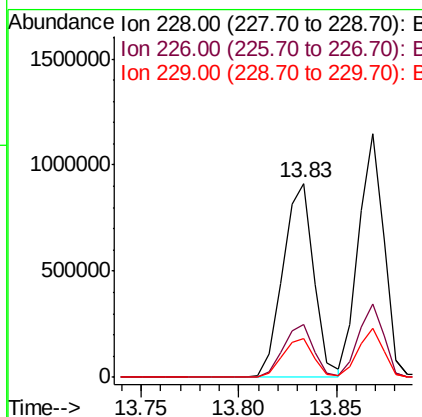
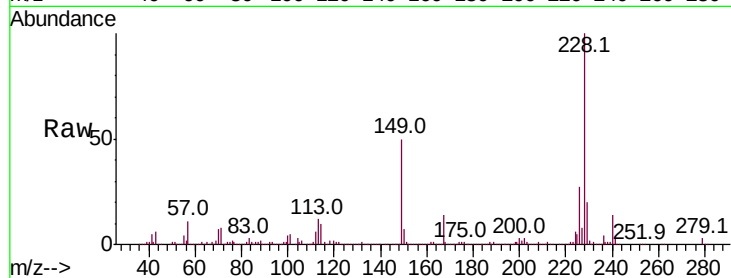
ClientSampled :

S-1MS

Tot Ion:	228	Resp:	998056
Ion Ratio	Lower	Upper	
228	100		
226	27.1	21.8	32.8
229	20.1	16.2	24.4

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM



#82

3,3'-Dichlorobenzidine

Concen: 22.575 ng

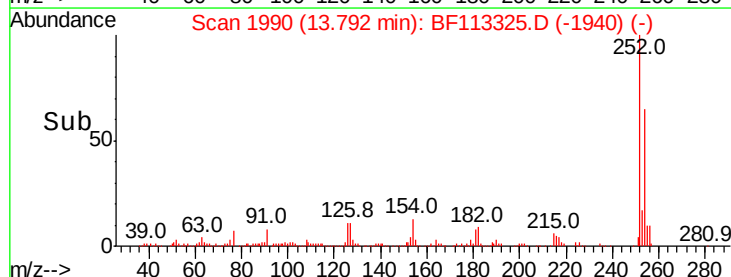
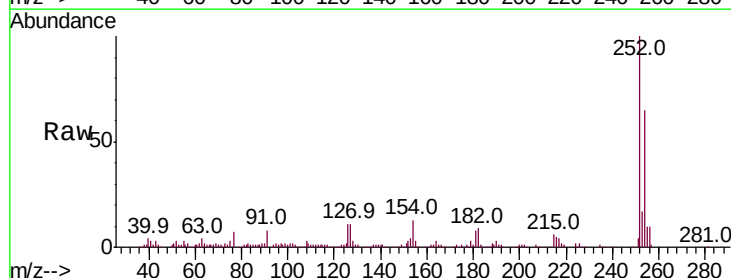
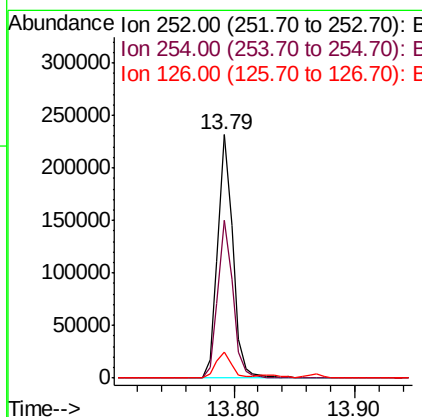
RT: 13.79 min Scan# 1990

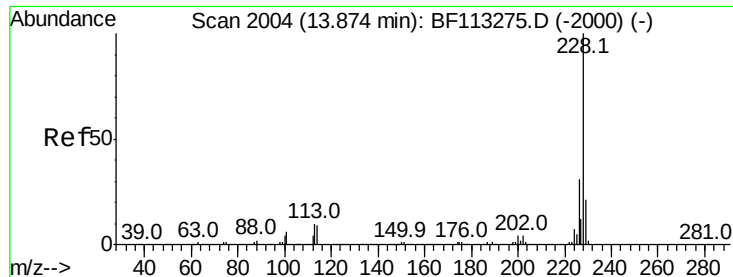
Delta R.T. -0.01 min

Lab File: BF113325.D

Acq: 27 Mar 2019 12:32

Tgt Ion:	252	Resp:	201181
Ion Ratio	Lower	Upper	
252	100		
254	64.8	52.2	78.2
126	10.9	8.5	12.7





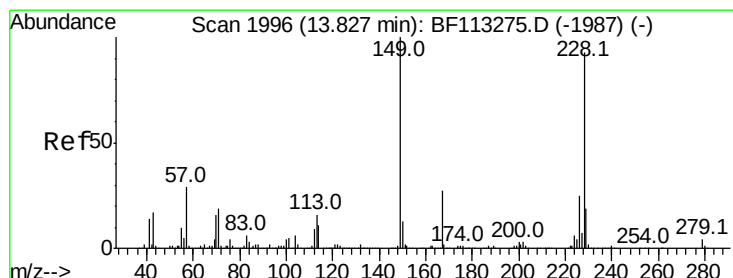
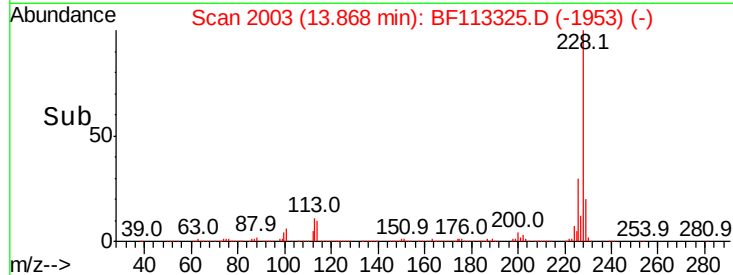
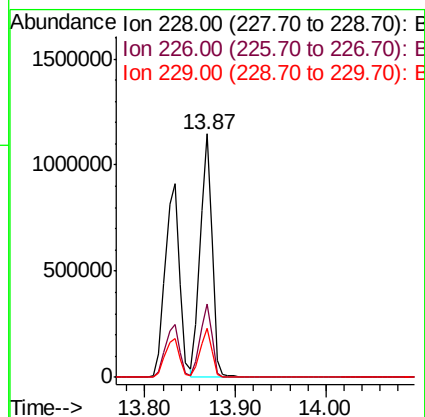
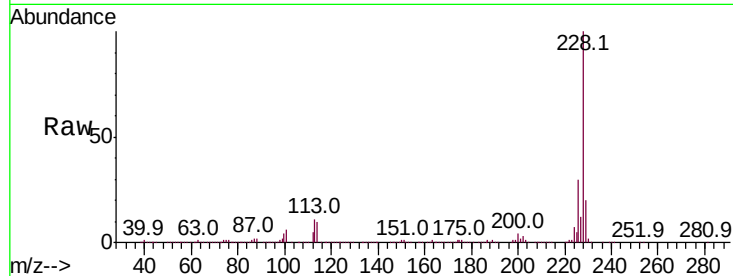
#83
 Chrysene
 Concen: 46.190 ng
 RT: 13.87 min Scan# 2003
 Delta R.T. -0.01 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Instrument :
 BNA_F
 ClientSampled :
 S-1MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.3	36.5
229	20.1	16.3	24.5

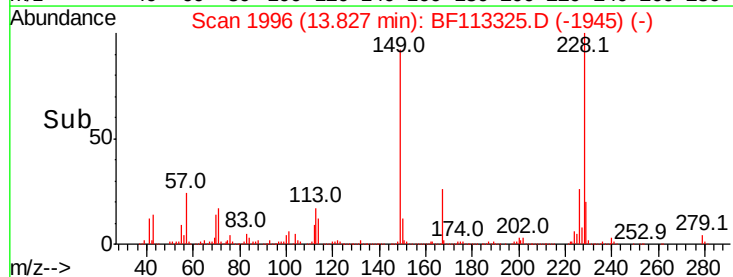
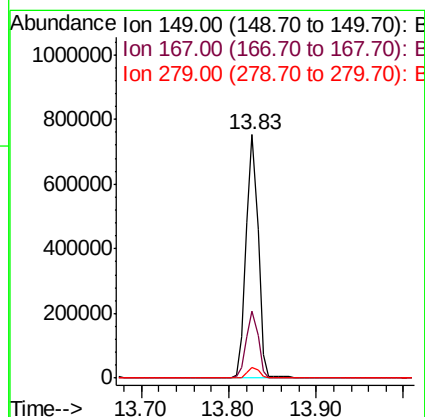
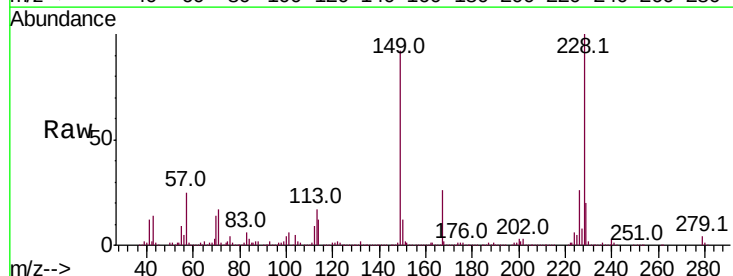
Manual Integrations
 APPROVED

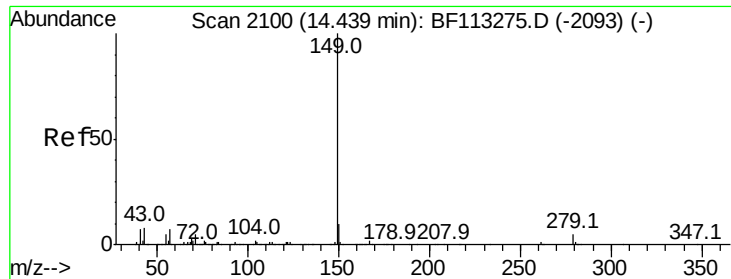
Sohil
 3/28/2019 8:41:38 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 46.922 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. 0.00 min
 Lab File: BF113325.D
 Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.7	21.8	32.8
279	4.1	2.9	4.3





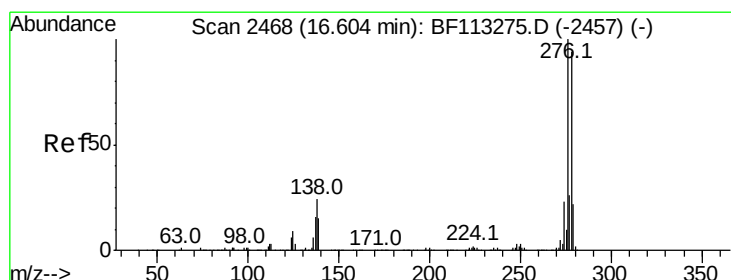
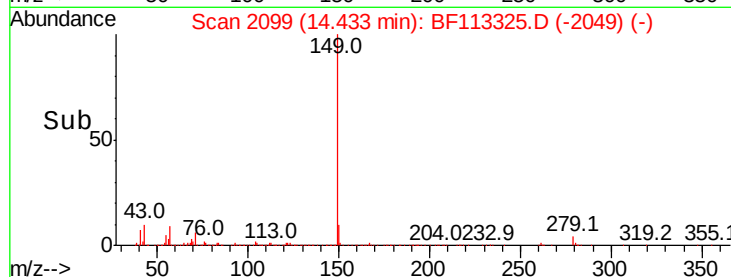
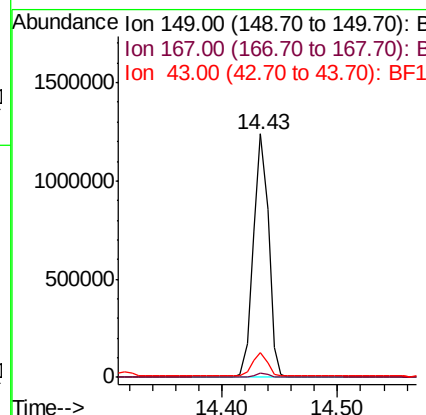
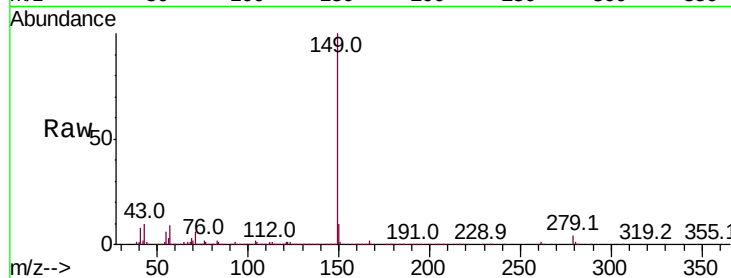
#85
Di-n-octyl phthalate
Concen: 45.728 ng
RT: 14.43 min Scan# 2099
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion:149 Resp: 1127733
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 10.1 7.7 11.5

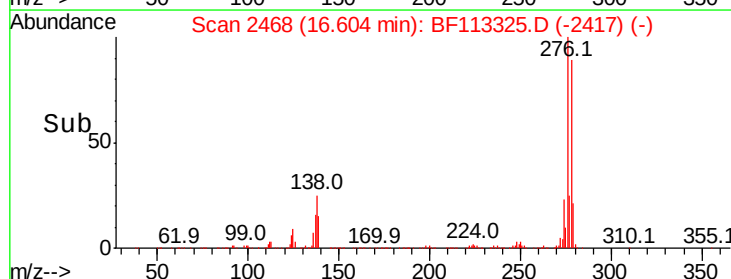
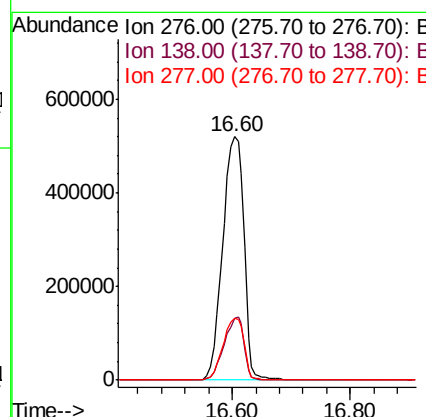
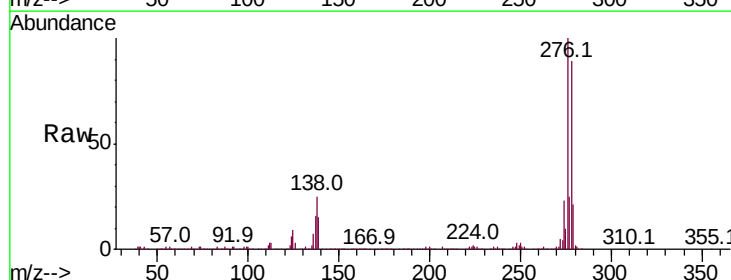
Manual Integrations
APPROVED

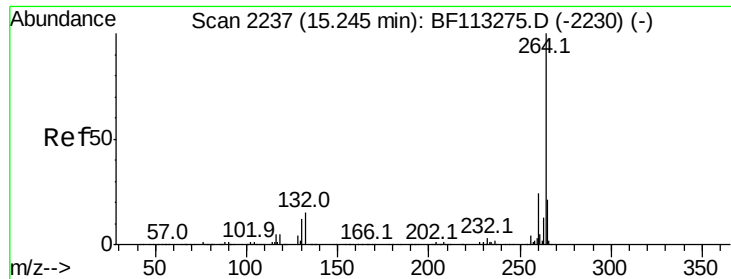
Sohil
3/28/2019 8:41:38 AM



#86
Indeno(1,2,3-cd)pyrene
Concen: 67.273 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion:276 Resp: 1302686
Ion Ratio Lower Upper
276 100
138 24.4 18.1 27.1
277 25.2 20.2 30.4





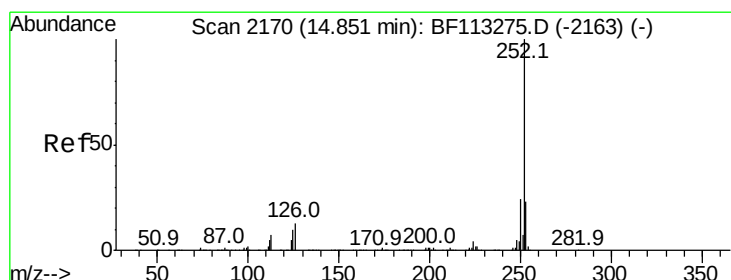
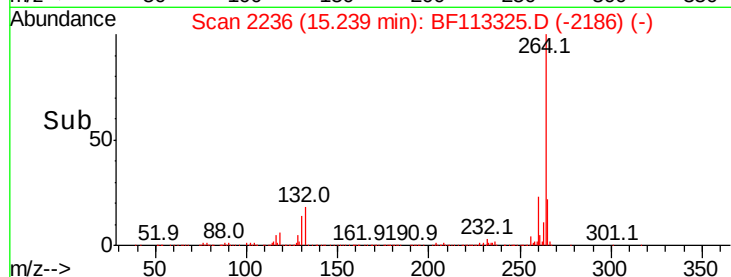
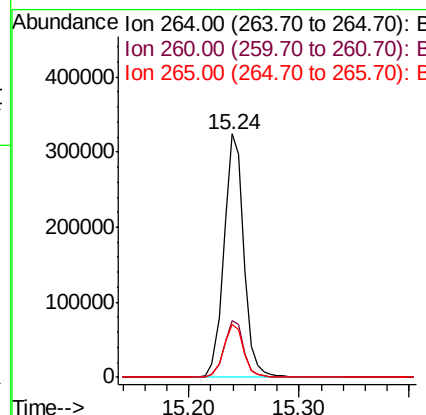
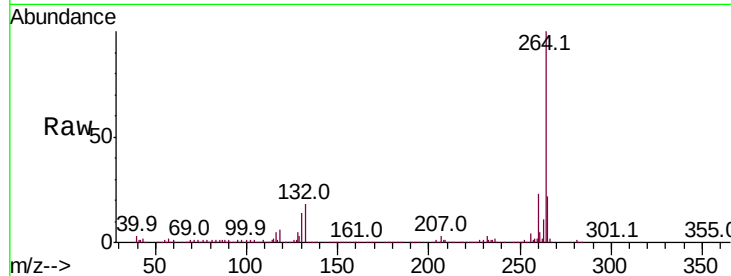
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.1	28.7
265	21.7	17.1	25.7

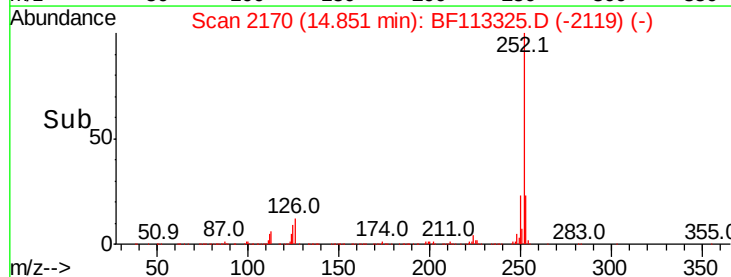
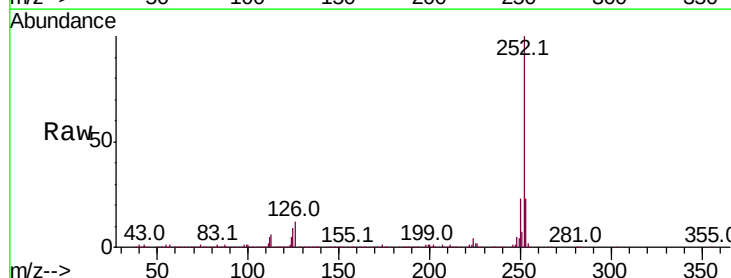
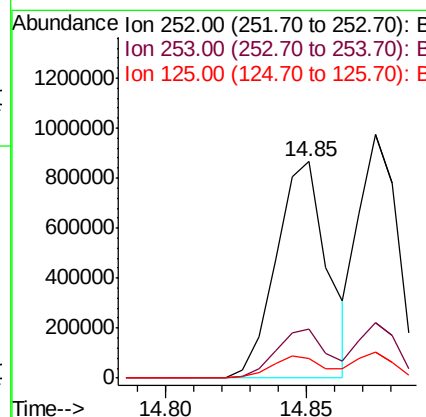
Manual Integrations
APPROVED

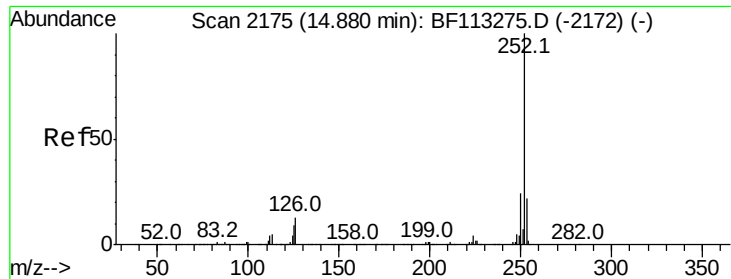
Sohil
3/28/2019 8:41:38 AM



#88
Benzo(b)fluoranthene
Concen: 43.241 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	9.2	7.6	11.4





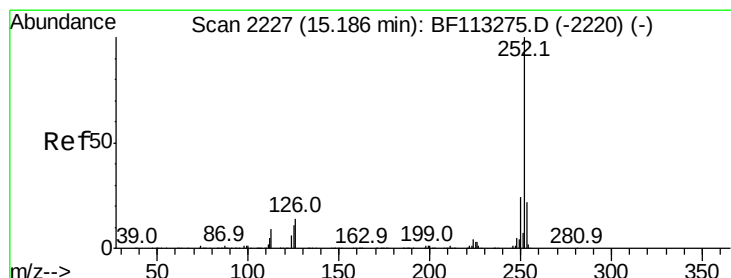
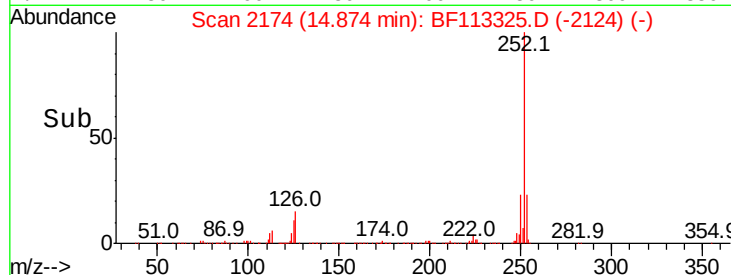
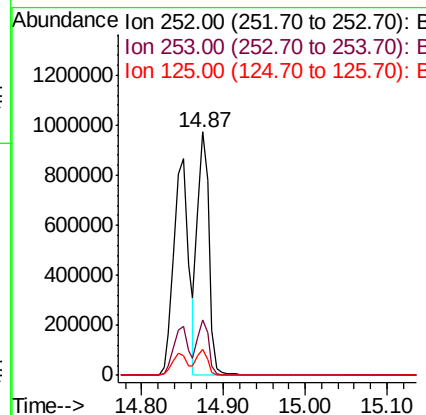
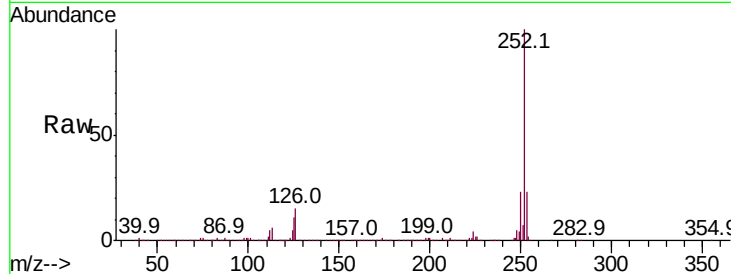
#89
Benzo(k)fluoranthene
Concen: 42.502 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	10.8	7.3	10.9

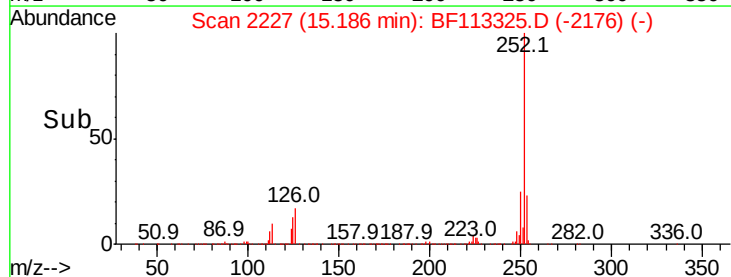
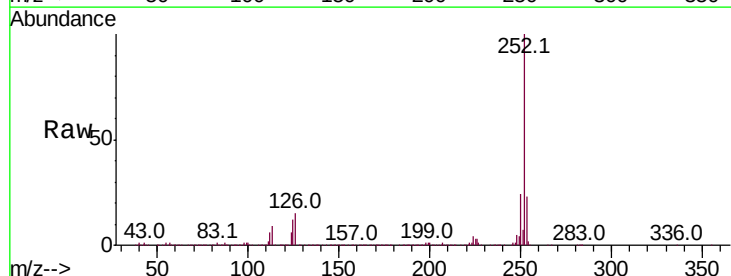
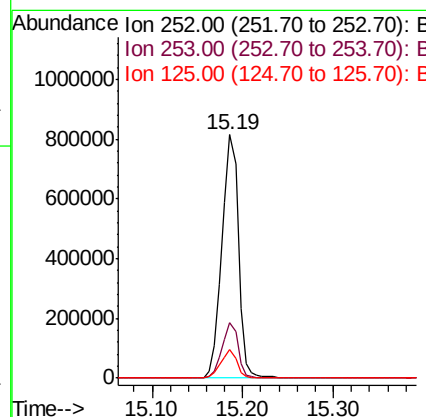
Manual Integrations
APPROVED

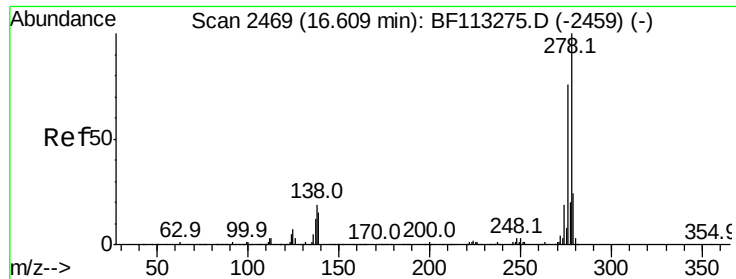
Sohil
3/28/2019 8:41:38 AM



#90
Benzo(a)pyrene
Concen: 45.908 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.9	26.9
125	11.7	8.8	13.2





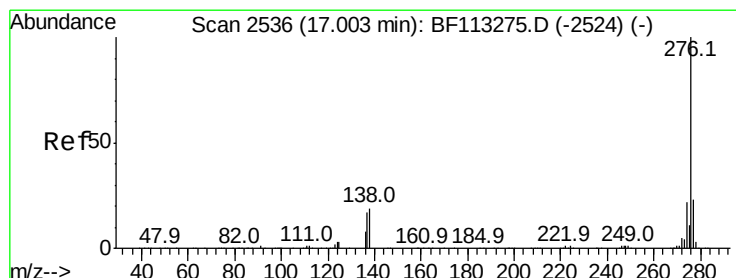
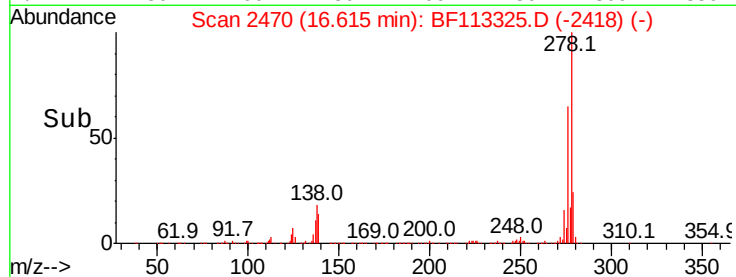
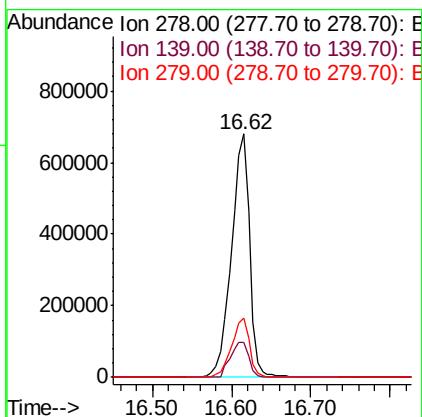
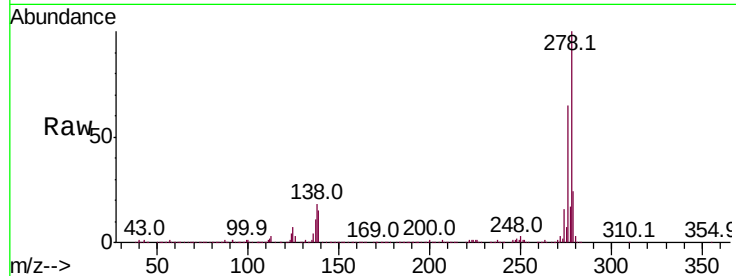
#91
Dibenzo(a,h)anthracene
Concen: 55.836 ng
RT: 16.62 min Scan# 2470
Delta R.T. 0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Instrument :
BNA_F
ClientSampleId :
S-1MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.6	12.0	18.0
279	24.1	19.0	28.6

Manual Integrations
APPROVED

Sohil
3/28/2019 8:41:38 AM



#92
Benzo(g,h,i)perylene
Concen: 58.638 ng
RT: 17.01 min Scan# 2537
Delta R.T. 0.01 min
Lab File: BF113325.D
Acq: 27 Mar 2019 12:32

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	18.8	28.2
138	21.0	15.6	23.4

