

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113879.D
 Acq On : 22 Apr 2019 14:33
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:07:46 PM

Quant Time: Apr 22 16:20:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 14:58:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	180213	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	713604	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	374559	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	731153	20.00	ng	0.00
76) Chrysene-d12	14.06	240	533080	20.00	ng	0.00
87) Perylene-d12	15.55	264	438693	20.00	ng	-0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1225568	113.08	ng	0.00
7) Phenol-d6	6.53	99	1550037	114.68	ng	0.00
23) Nitrobenzene-d5	7.46	82	1412773	120.56	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	539062	130.27	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	2579060	105.01	ng	0.00
79) Terphenyl-d14	13.00	244	2966185	116.68	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.70	88	298246	55.303	ng	97
3) Pyridine	3.46	79	810007	54.588	ng	99
4) n-Nitrosodimethylamine	3.42	42	279827	54.034	ng	93
6) Aniline	6.56	93	1072372	55.912	ng	98
8) 2-Chlorophenol	6.69	128	704280	57.900	ng	97
9) Benzaldehyde	6.45	77	385704	48.002	ng	97
10) Phenol	6.55	94	937365	61.867	ng	96
11) bis(2-Chloroethyl)ether	6.63	93	705662	57.372	ng	99
12) 1,3-Dichlorobenzene	6.85	146	797604	59.019	ng	98
13) 1,4-Dichlorobenzene	6.92	146	799881	59.160	ng	99
14) 1,2-Dichlorobenzene	7.07	146	727807	58.411	ng	99
15) Benzyl Alcohol	7.04	79	551815	50.397	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	821184	55.043	ng	93
17) 2-Methylphenol	7.15	107	624526	62.857	ng	99
18) Hexachloroethane	7.42	117	285158	58.810	ng	98
19) n-Nitroso-di-n-propylamine	7.32	70	502404	55.689	ng	98
20) 3+4-Methylphenols	7.30	107	688397	57.665	ng	# 88
22) Acetophenone	7.31	105	917228	56.415	ng	# 95
24) Nitrobenzene	7.48	77	776049	58.925	ng	99
25) Isophorone	7.72	82	1388604	57.232	ng	100
26) 2-Nitrophenol	7.80	139	376589	71.977	ng	97
27) 2,4-Dimethylphenol	7.83	122	562217	56.281	ng	99
28) bis(2-Chloroethoxy)methane	7.93	93	883886	57.329	ng	99
29) 2,4-Dichlorophenol	8.04	162	641746	60.292	ng	98
30) 1,2,4-Trichlorobenzene	8.12	180	710924	60.130	ng	99
31) Naphthalene	8.20	128	1959049	58.039	ng	99
32) Benzoic acid	7.97	122	442984m	71.585	ng	
33) 4-Chloroaniline	8.25	127	828969	57.892	ng	99
34) Hexachlorobutadiene	8.33	225	447222	61.912	ng	98
35) Caprolactam	8.63	113	200922	58.477	ng	94
36) 4-Chloro-3-methylphenol	8.73	107	635900	60.250	ng	98
37) 2-Methylnaphthalene	8.89	142	1316689	58.794	ng	98
38) 1-Methylnaphthalene	8.99	142	1278544	58.835	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	712310	59.926	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042219\
 Data File : BF113879.D
 Acq On : 22 Apr 2019 14:33
 Operator : JU/SJ
 Sample : SSTDICC060
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

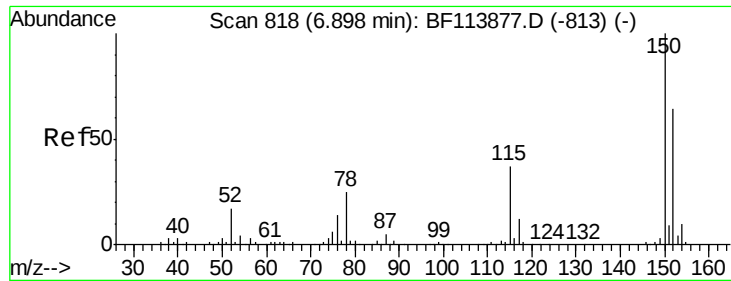
Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:07:46 PM

Quant Time: Apr 22 16:20:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 22 14:58:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	413862	63.337	ng	100
43) 2,4,6-Trichlorophenol	9.17	196	456144	59.618	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	520915	63.088	ng	99
46) 1,1'-Biphenyl	9.36	154	1637130	57.760	ng	97
47) 2-Chloronaphthalene	9.39	162	1355618	58.426	ng	98
48) 2-Nitroaniline	9.47	65	380570	63.034	ng	92
49) Acenaphthylene	9.80	152	2082140	57.375	ng	99
50) Dimethylphthalate	9.66	163	1572894	60.006	ng	99
51) 2,6-Dinitrotoluene	9.72	165	367987	63.611	ng	91
52) Acenaphthene	9.97	154	1250458	58.745	ng	99
53) 3-Nitroaniline	9.89	138	376197	61.414	ng	95
54) 2,4-Dinitrophenol	9.99	184	147556	83.840	ng	# 9
55) Dibenzofuran	10.15	168	1845608	57.879	ng	97
56) 4-Nitrophenol	10.04	139	306610	61.506	ng	98
57) 2,4-Dinitrotoluene	10.12	165	473367	65.956	ng	99
58) Fluorene	10.49	166	1373503	57.743	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	455546	64.653	ng	98
60) Diethylphthalate	10.36	149	1486047	59.153	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	736193	60.438	ng	98
62) 4-Nitroaniline	10.50	138	371676	63.077	ng	93
63) Azobenzene	10.64	77	1442176	55.866	ng	93
65) 4,6-Dinitro-2-methylphenol	10.53	198	212661	76.766	ng	94
66) n-Nitrosodiphenylamine	10.59	169	1273245	57.448	ng	99
67) 4-Bromophenyl-phenylether	10.97	248	515203	60.005	ng	93
68) Hexachlorobenzene	11.04	284	565418	59.881	ng	97
69) Atrazine	11.12	200	393399	57.371	ng	98
70) Pentachlorophenol	11.23	266	342366	63.959	ng	98
71) Phenanthrene	11.45	178	2083453	55.949	ng	98
72) Anthracene	11.50	178	2118794	56.464	ng	99
73) Carbazole	11.65	167	1890677	55.494	ng	98
74) Di-n-butylphthalate	11.98	149	2218213	58.500	ng	99
75) Fluoranthene	12.63	202	2196481	55.656	ng	99
77) Benzidine	12.74	184	726557	47.082	ng	97
78) Pyrene	12.86	202	2207051	58.746	ng	98
80) Butylbenzylphthalate	13.47	149	892995	64.165	ng	100
81) Benzo(a)anthracene	14.05	228	1815250	58.253	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	653447	58.999	ng	99
83) Chrysene	14.09	228	1785745	57.736	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	1109853	66.660	ng	100
85) Di-n-octyl phthalate	14.67	149	1717957	66.504	ng	100
86) Indeno(1,2,3-cd)pyrene	17.05	276	1700642	67.354	ng	98
88) Benzo(b)fluoranthene	15.12	252	1711122	62.568	ng	99
89) Benzo(k)fluoranthene	15.15	252	1358762	54.549	ng	99
90) Benzo(a)pyrene	15.49	252	1422859	58.839	ng	98
91) Dibenzo(a,h)anthracene	17.07	278	1386234	64.426	ng	100
92) Benzo(g,h,i)perylene	17.50	276	1412549	64.589	ng	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

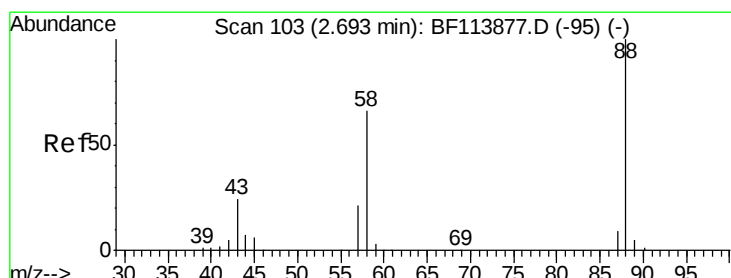
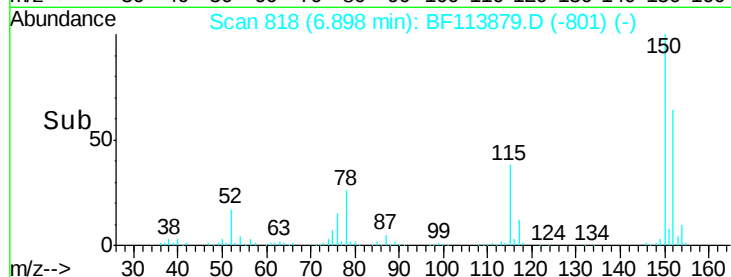
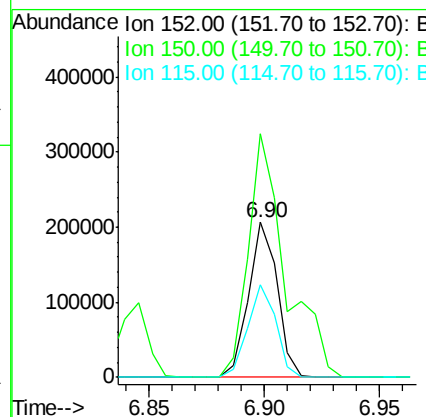
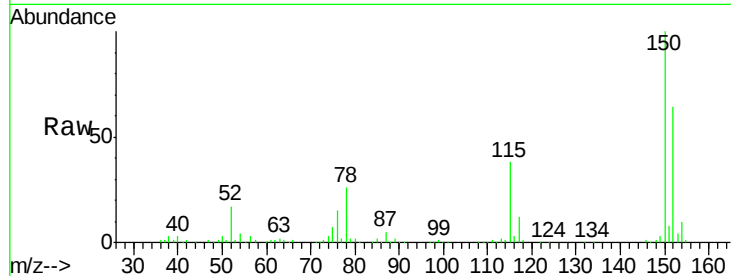
ClientSampleId :

SSTDIC060

Tgt Ion:	152	Resp:	180213
Ion Ratio	Lower	Upper	
152	100		
150	157.2	125.9	188.9
115	60.0	45.9	68.9

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#2

1,4-Dioxane

Concen: 55.303 ng

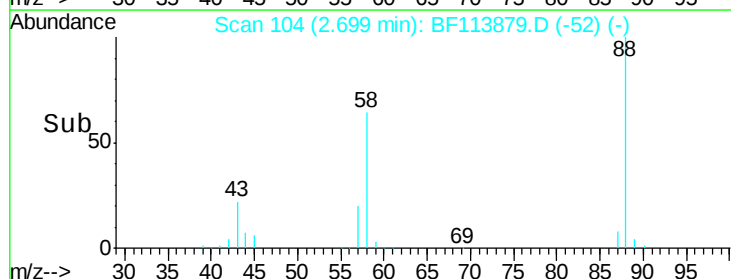
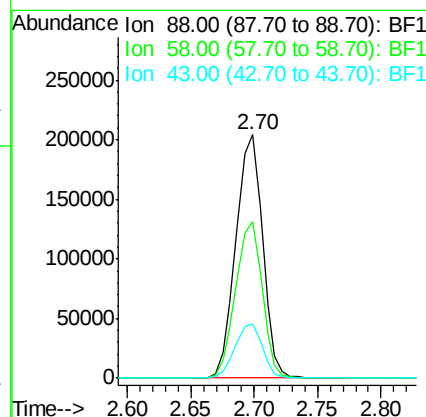
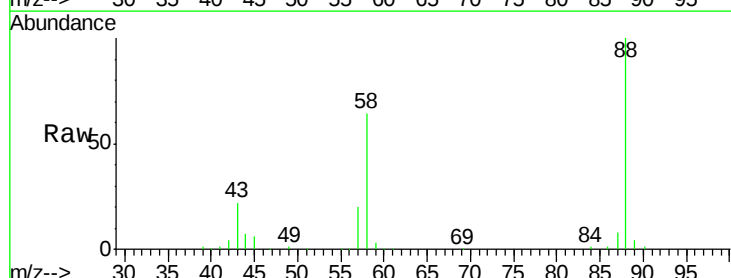
RT: 2.70 min Scan# 104

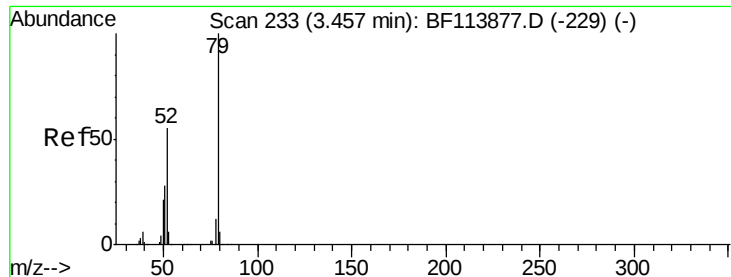
Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion:	88	Resp:	298246
Ion Ratio	Lower	Upper	
88	100		
58	63.8	53.3	79.9
43	22.6	19.0	28.4





#3

Pyridine

Concen: 54.588 ng

RT: 3.46 min Scan# 233

Delta R.T. 0.00 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

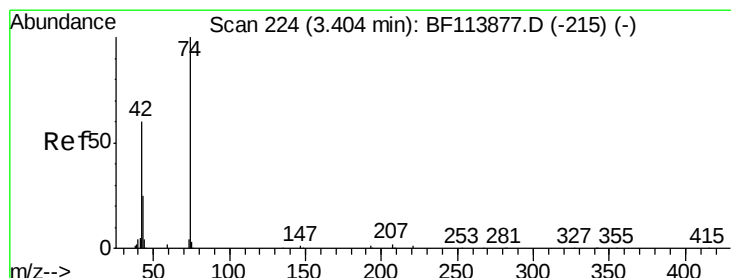
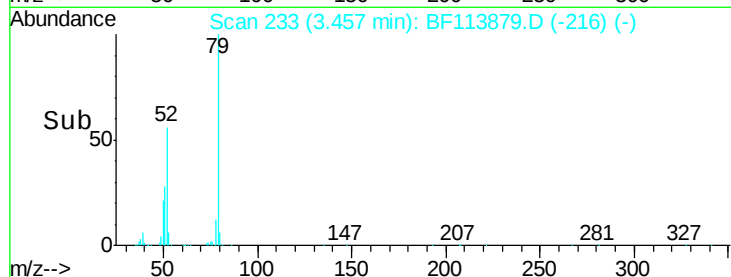
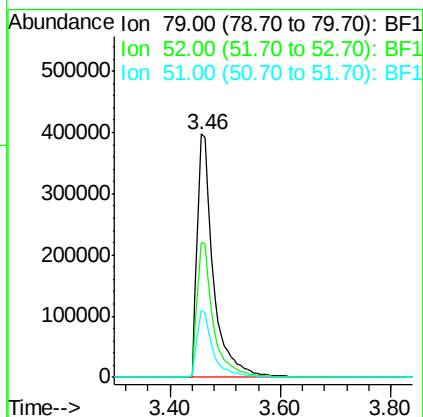
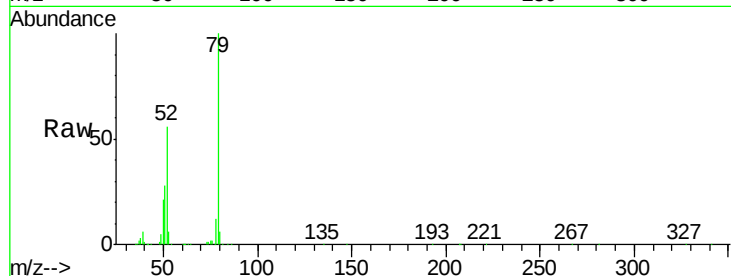
ClientSampled :

SSTDICC060

Tgt Ion:	79	Resp:	810007
Ion	Ratio	Lower	Upper
79	100		
52	55.6	45.3	67.9
51	27.7	22.1	33.1

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#4

n-Nitrosodimethylamine

Concen: 54.034 ng

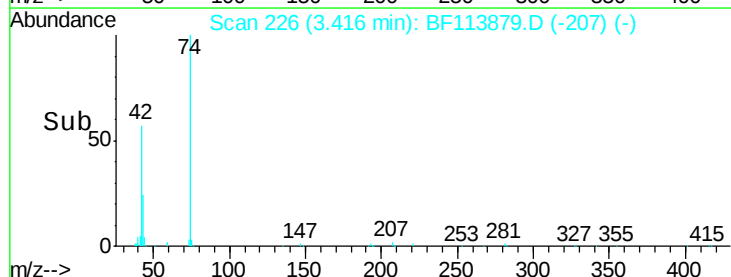
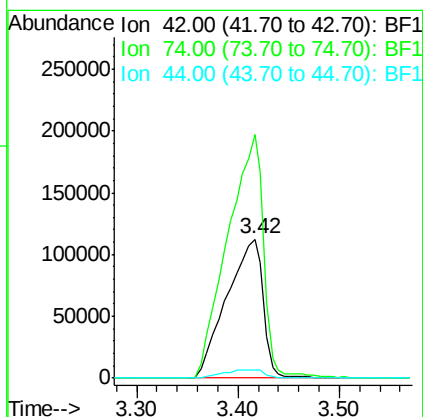
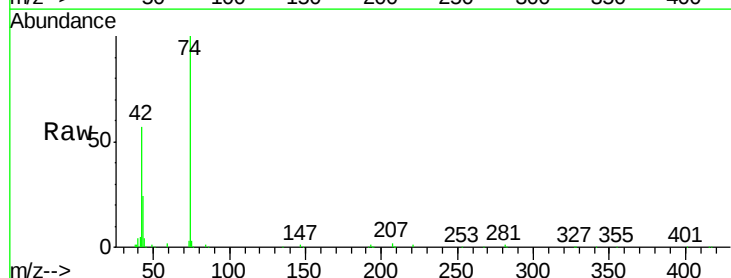
RT: 3.42 min Scan# 226

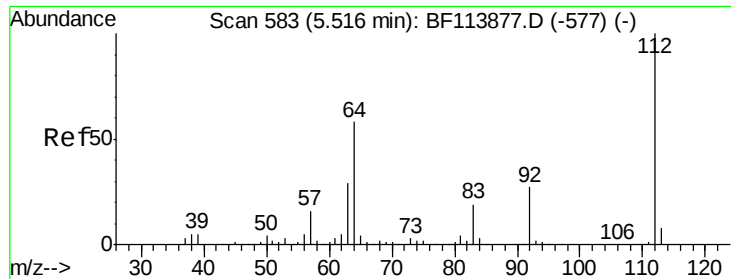
Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion:	42	Resp:	279827
Ion	Ratio	Lower	Upper
42	100		
74	175.5	132.6	198.8
44	6.2	5.8	8.8





#5

2-Fluorophenol

Concen: 113.080 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

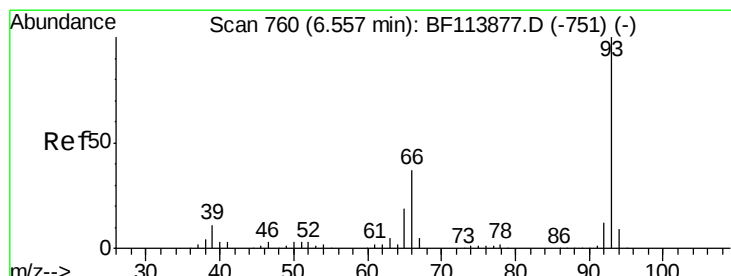
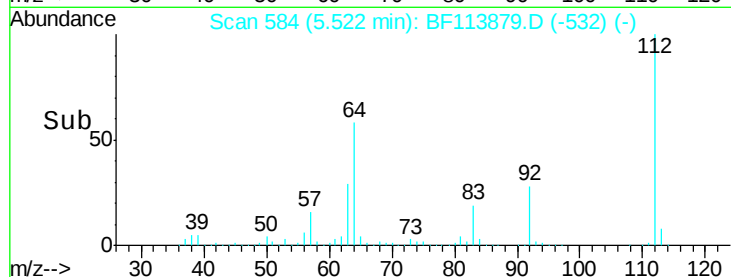
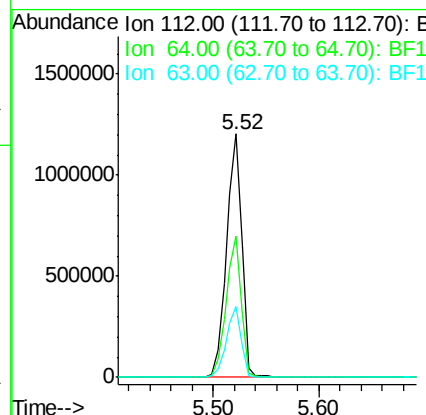
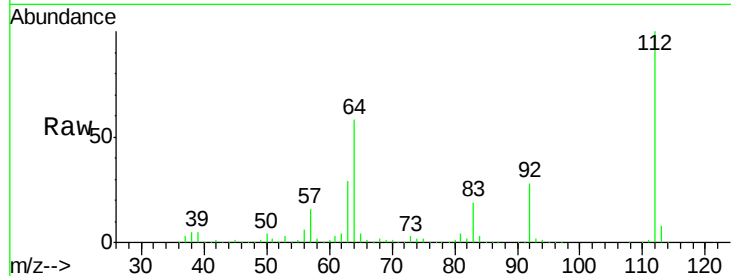
ClientSampleId :

SSTDIC060

Tgt Ion:	112	Resp:	1225568
Ion	Ratio	Lower	Upper
112	100		
64	57.8	46.6	69.8
63	29.1	23.1	34.7

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#6

Aniline

Concen: 55.912 ng

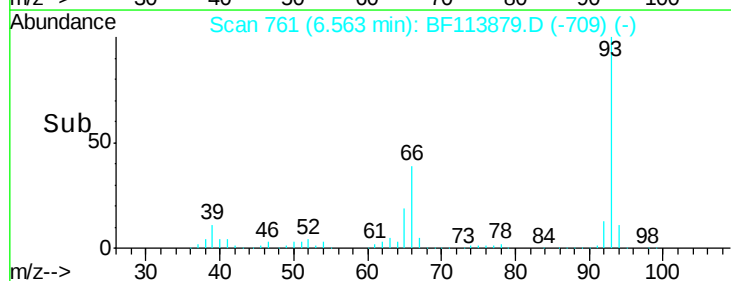
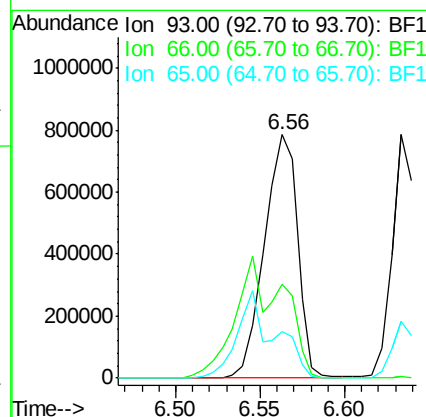
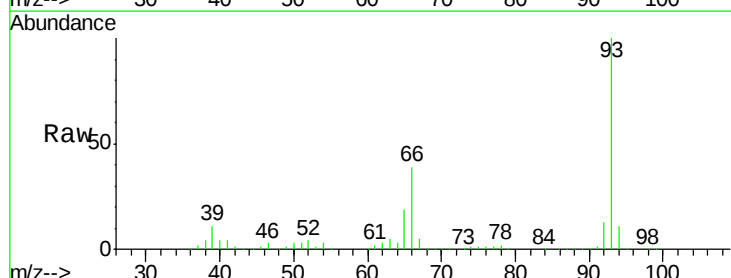
RT: 6.56 min Scan# 761

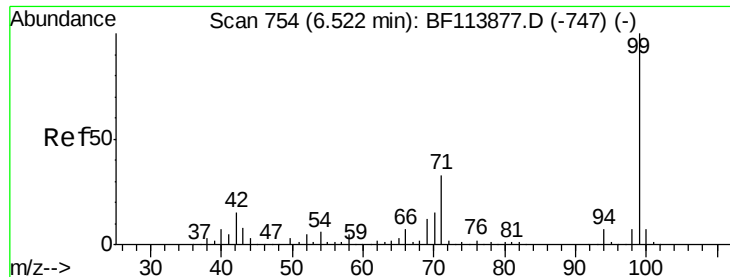
Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion:	93	Resp:	1072372
Ion	Ratio	Lower	Upper
93	100		
66	38.6	29.8	44.6
65	19.2	14.9	22.3





#7

Phenol-d6

Concen: 114.683 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDIC060

Tgt Ion: 99 Resp: 1550037

Ion Ratio Lower Upper

99 100

42 15.4 12.5 18.7

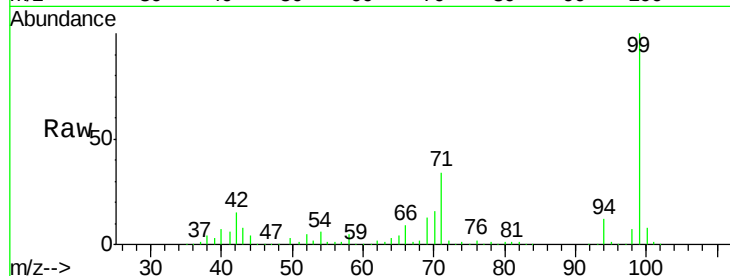
71 34.1 26.9 40.3

Manual Integrations

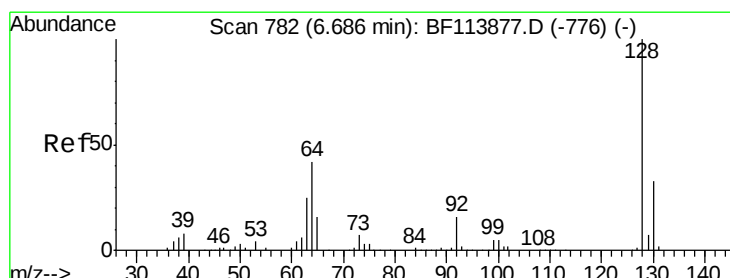
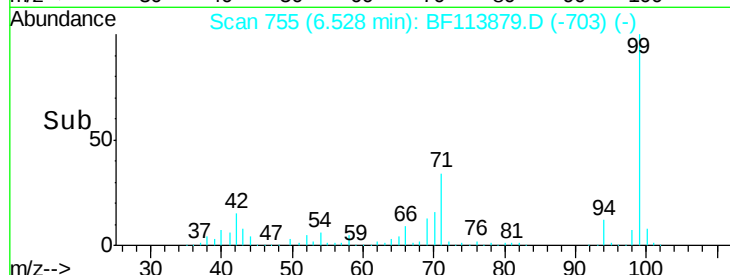
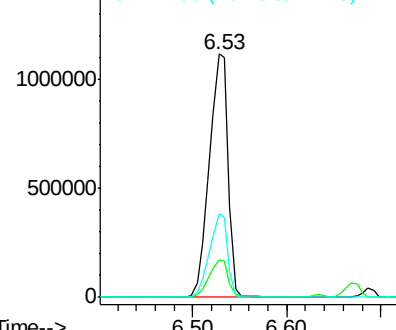
APPROVED

Sohil

4/23/2019 4:07:46 PM



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



#8

2-Chlorophenol

Concen: 57.900 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

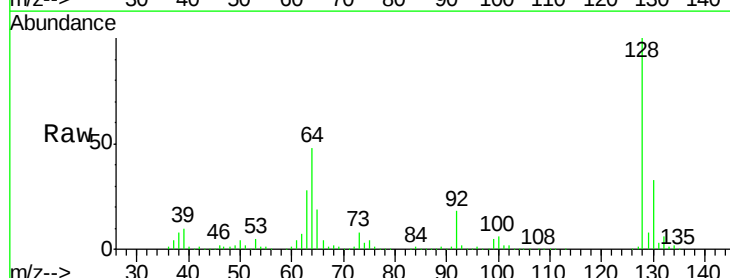
Tgt Ion: 128 Resp: 704280

Ion Ratio Lower Upper

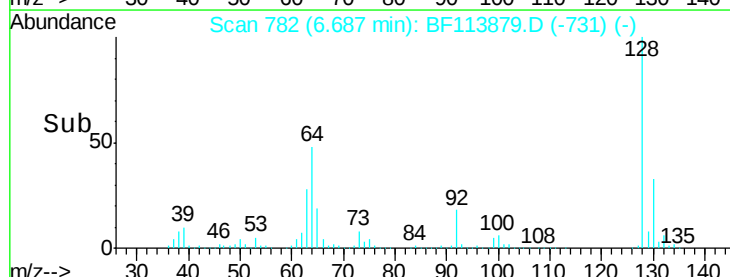
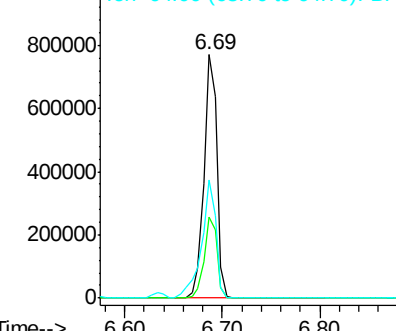
128 100

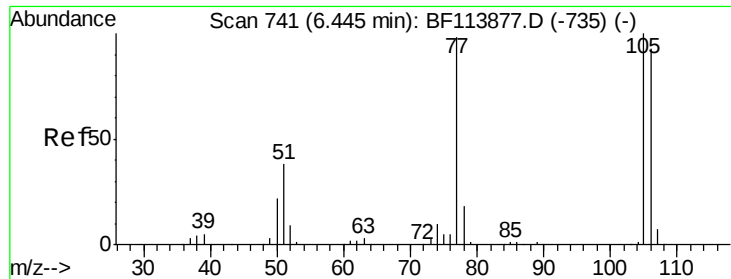
130 33.3 12.3 52.3

64 48.3 26.1 66.1



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





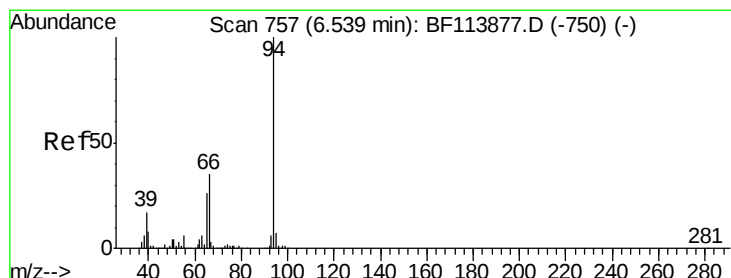
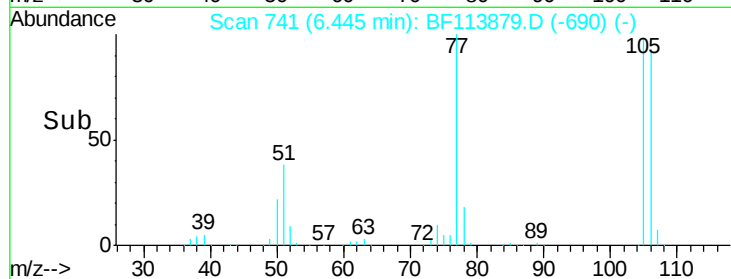
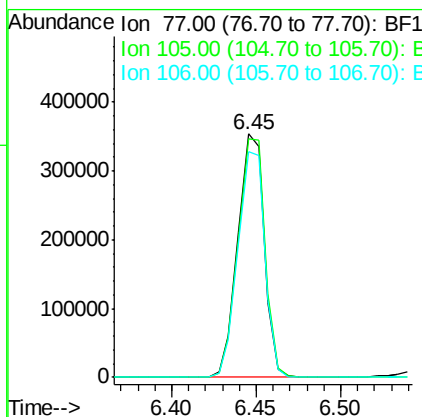
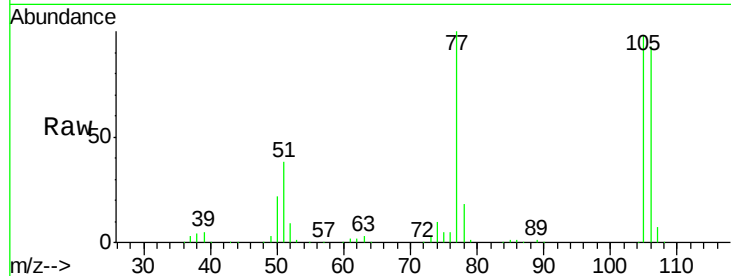
#9
Benzaldehyde
Concen: 48.002 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
77	100		
105	97.9	74.1	114.1
106	92.9	70.3	110.3

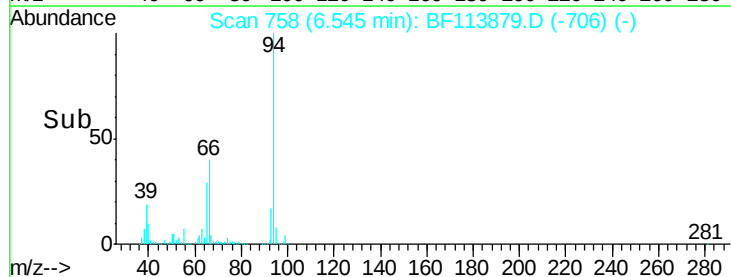
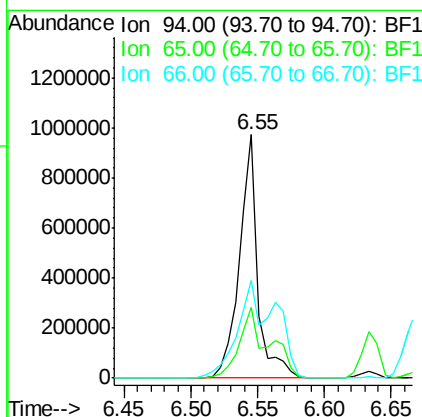
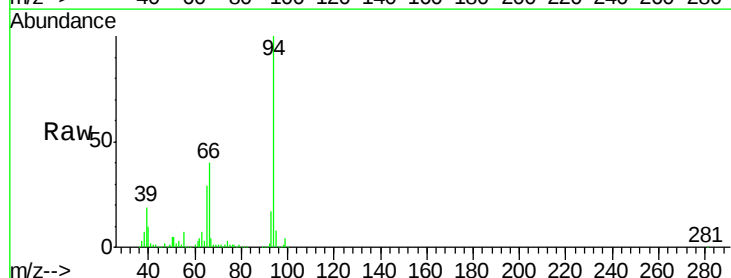
Manual Integrations
APPROVED

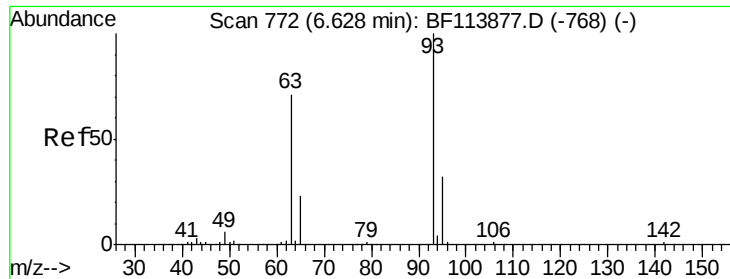
Sohil
4/23/2019 4:07:46 PM



#10
Phenol
Concen: 61.867 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.9	8.1	48.1
66	40.3	16.6	56.6





#11

bis(2-Chloroethyl)ether

Concen: 57.372 ng

RT: 6.63 min Scan# 773

Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

ClientSampled :

SSTDICC060

Tgt Ion: 93 Resp: 705662
Ion Ratio Lower Upper

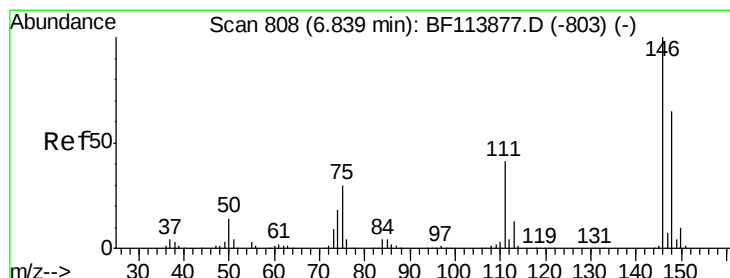
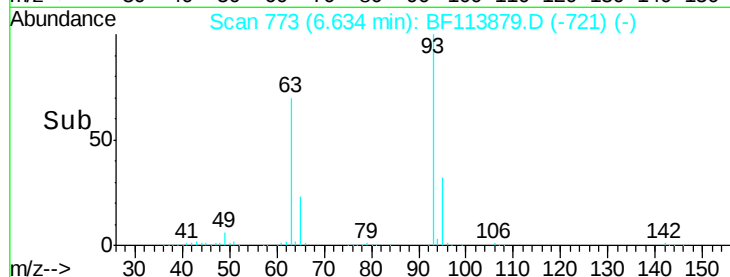
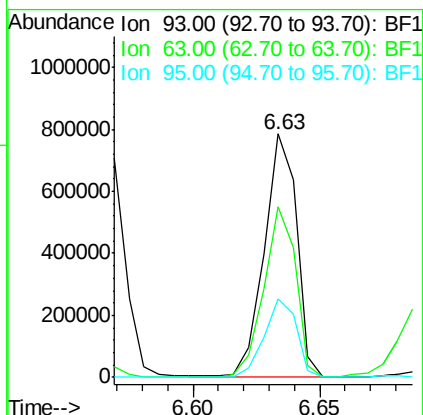
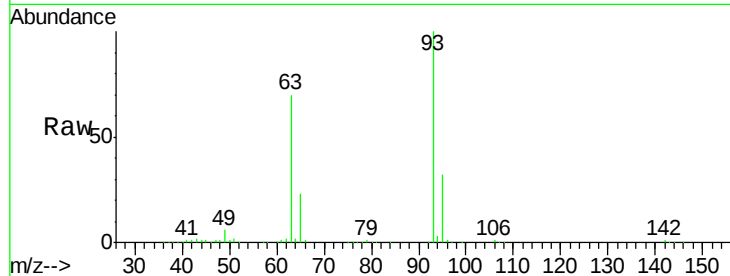
93 100

63 70.0 50.7 90.7

95 32.1 12.3 52.3

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#12

1,3-Dichlorobenzene

Concen: 59.019 ng

RT: 6.85 min Scan# 809

Delta R.T. 0.01 min

Lab File: BF113879.D

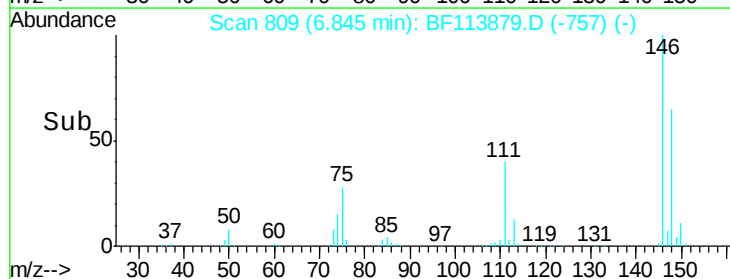
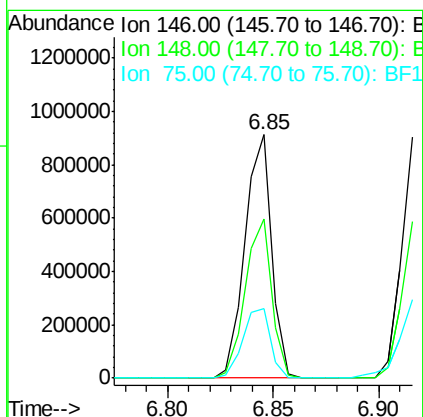
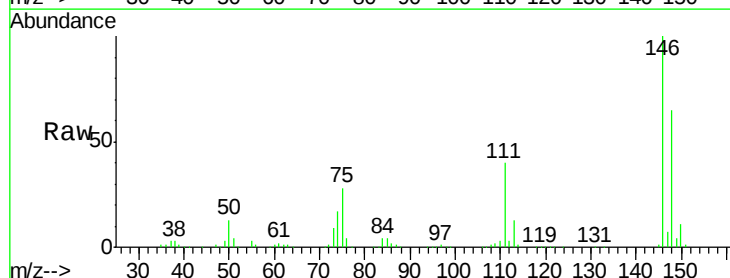
Acq: 22 Apr 2019 14:33

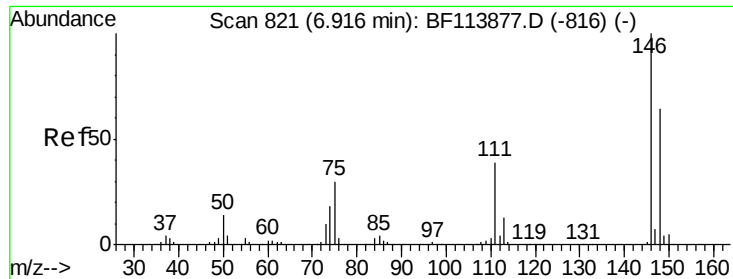
Tgt Ion: 146 Resp: 797604
Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.6

75 28.4 23.8 35.8





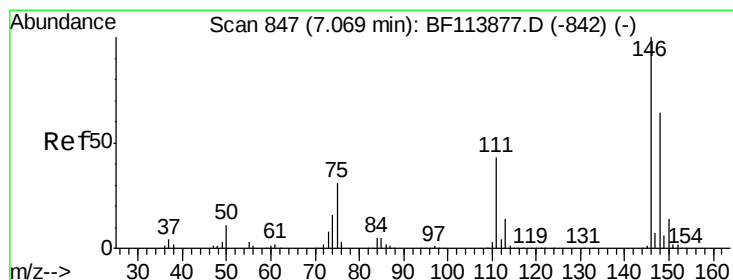
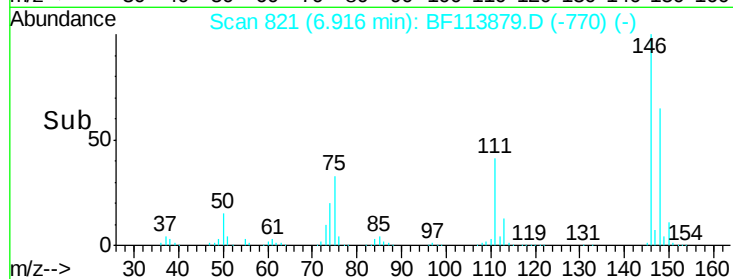
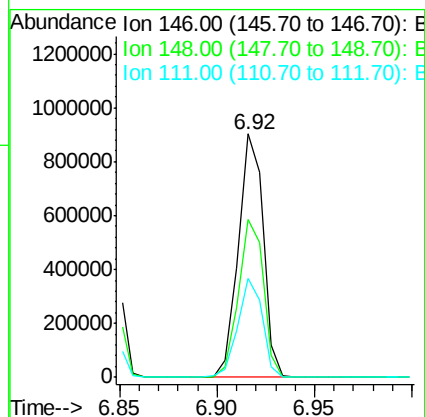
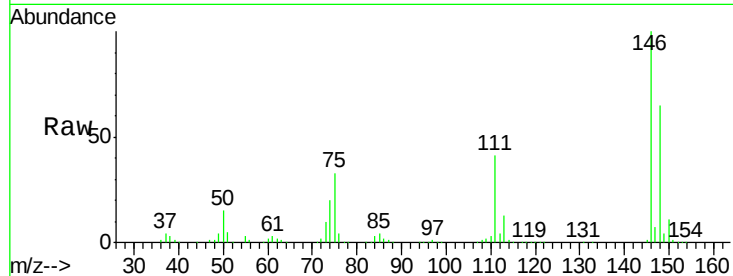
#13
 1,4-Dichlorobenzene
 Concen: 59.160 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	51.8	77.8
111	40.8	30.9	46.3

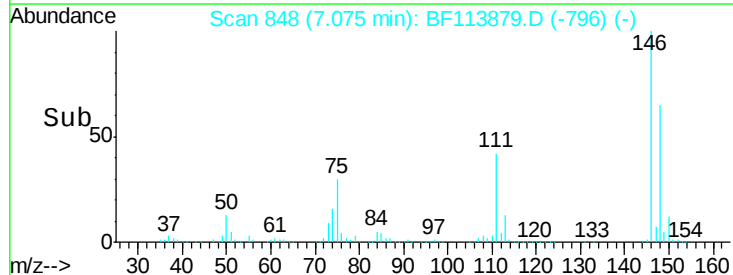
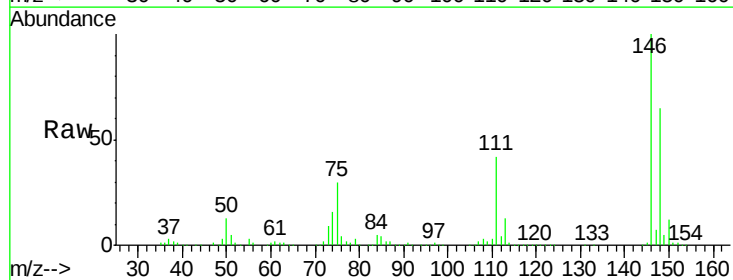
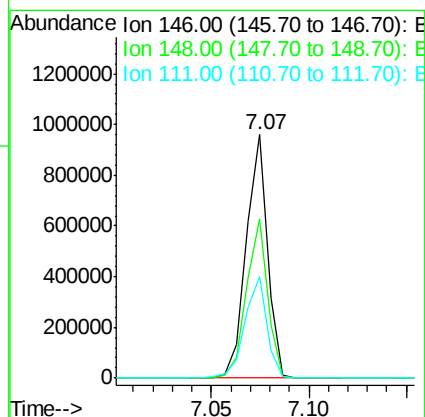
Manual Integrations
 APPROVED

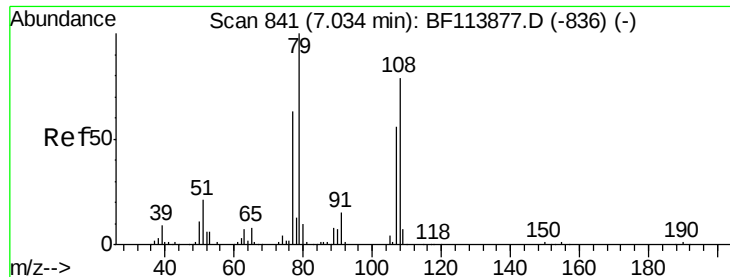
Sohil
 4/23/2019 4:07:46 PM



#14
 1,2-Dichlorobenzene
 Concen: 58.411 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.2	52.1	78.1
111	41.7	34.2	51.4





#15

Benzyl Alcohol

Concen: 50.397 ng

RT: 7.04 min Scan# 842

Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

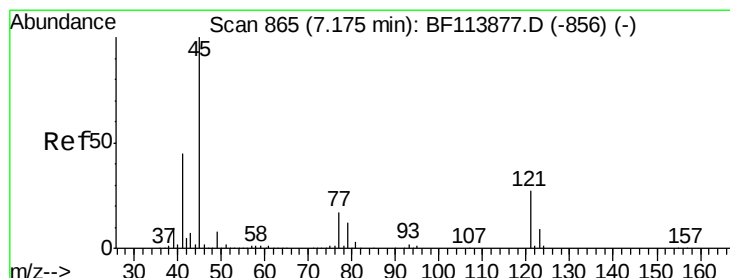
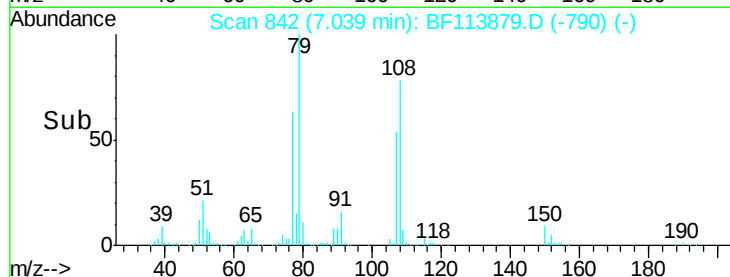
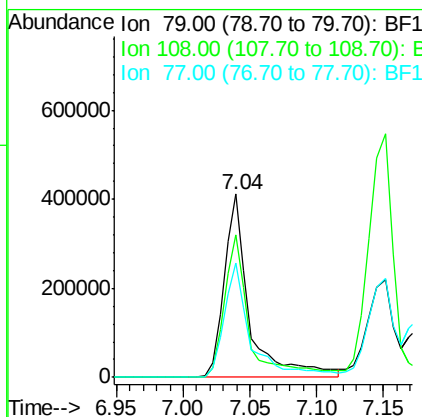
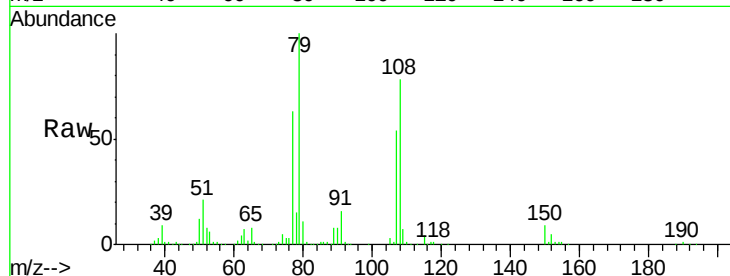
ClientSampleId :

SSTDICC060

Tgt Ion:	79	Resp:	551815
Ion Ratio	Lower	Upper	
79	100		
108	77.5	61.4	92.0
77	62.7	51.6	77.4

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 55.043 ng

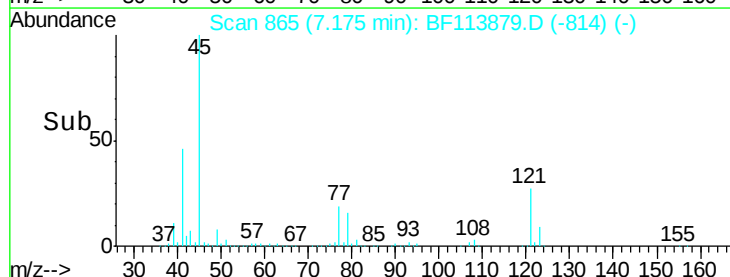
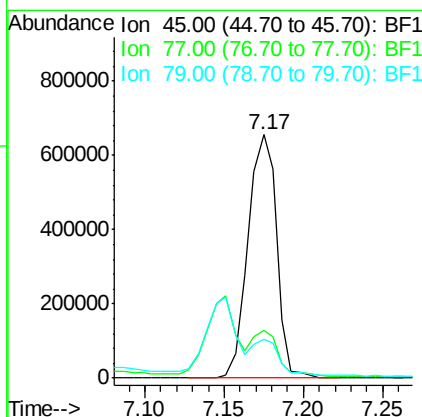
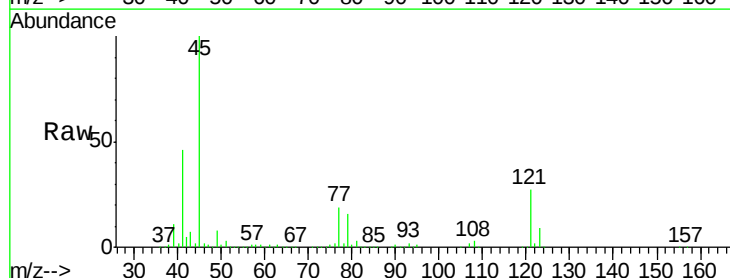
RT: 7.17 min Scan# 865

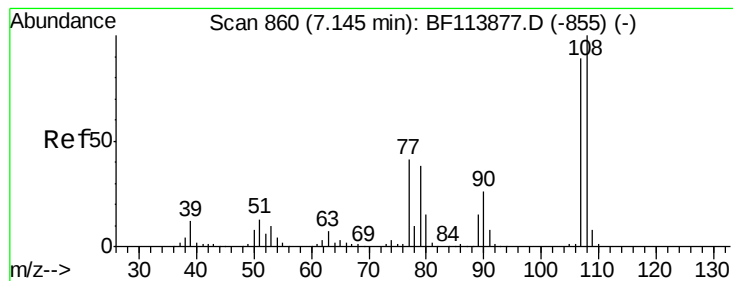
Delta R.T. 0.00 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion:	45	Resp:	821184
Ion Ratio	Lower	Upper	
45	100		
77	19.4	0.0	37.0
79	16.2	0.0	32.7





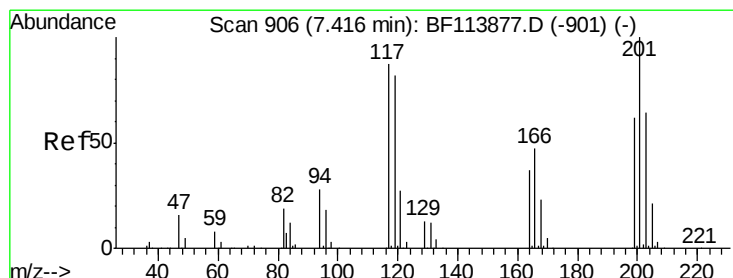
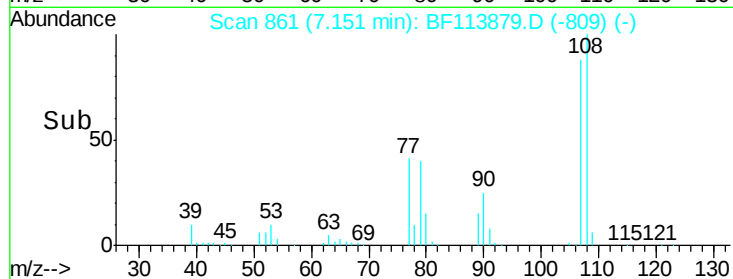
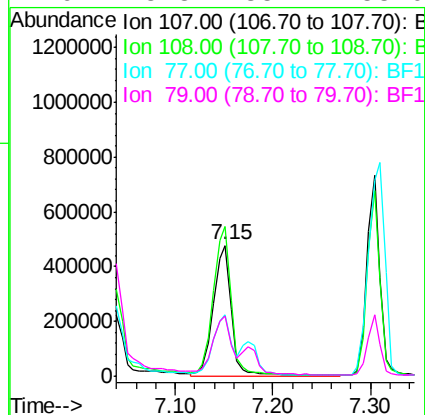
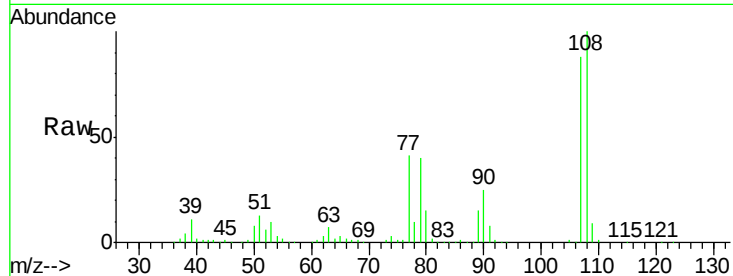
#17
2-Methylphenol
Concen: 62.857 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	624526		
108	114.3	91.5	137.3	
77	46.6	36.2	54.4	
79	45.8	35.4	53.0	

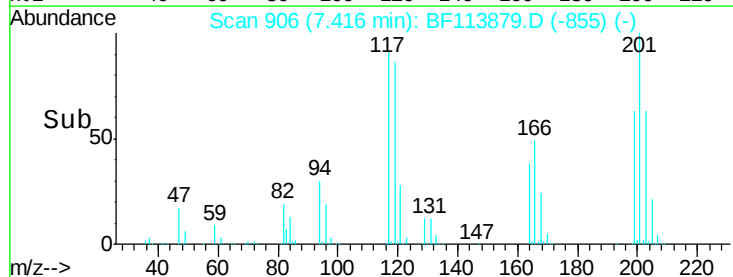
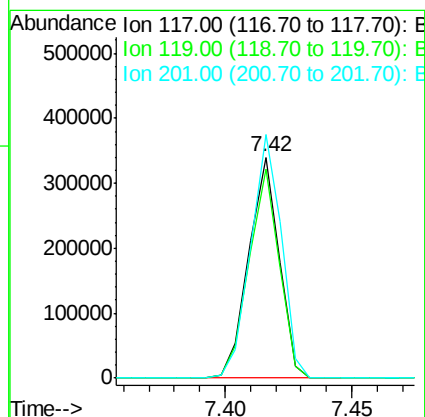
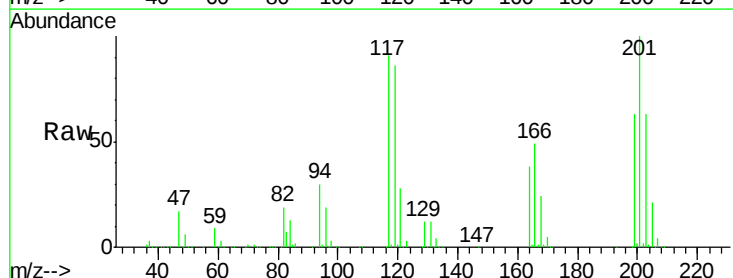
Manual Integrations
APPROVED

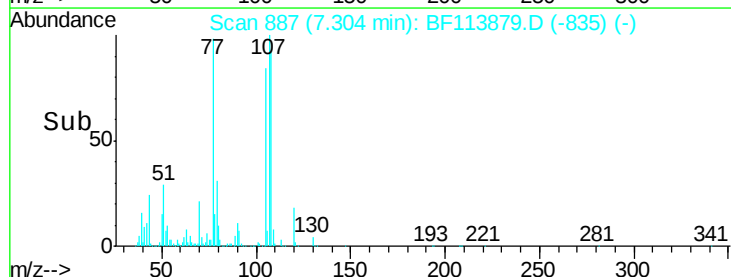
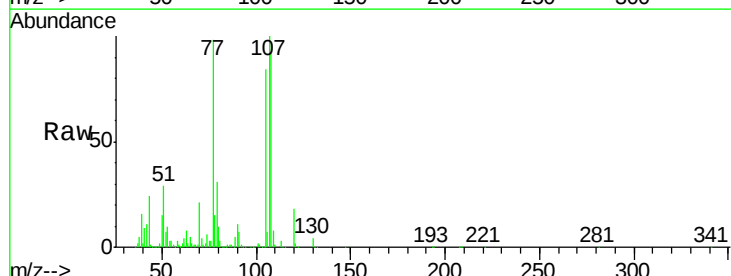
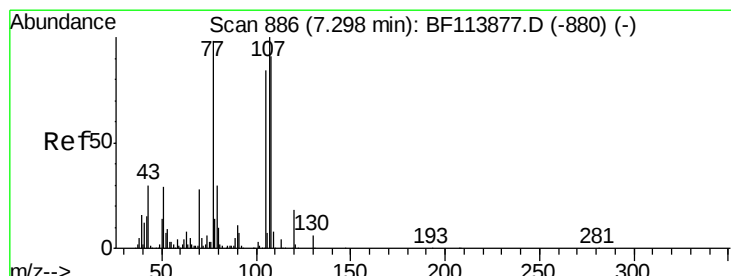
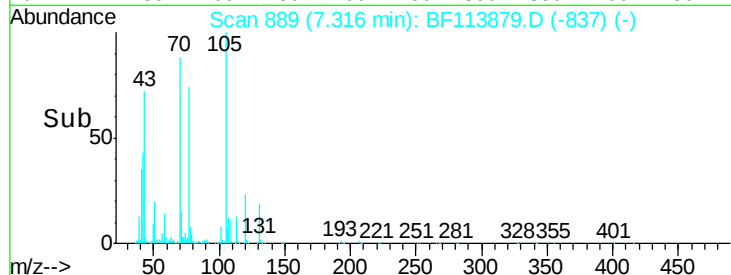
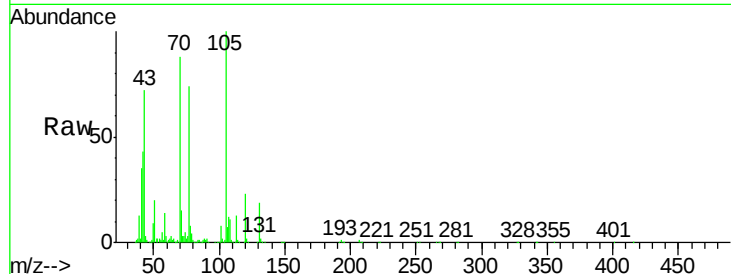
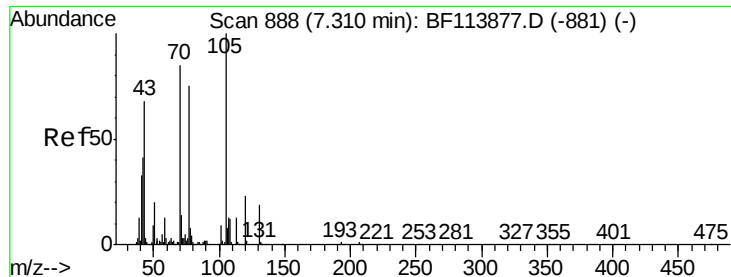
Sohil
4/23/2019 4:07:46 PM



#18
Hexachloroethane
Concen: 58.810 ng
RT: 7.42 min Scan# 906
Delta R.T. 0.00 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	285158		
119	94.3	74.4	111.6	
201	110.1	90.2	135.2	





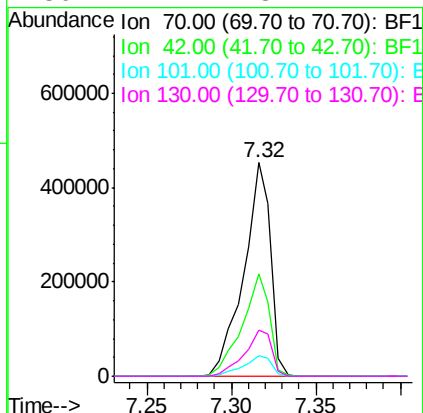
#19
n-Nitroso-di-n-propylamine
Concen: 55.689 ng
RT: 7.32 min Scan# 889
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
70	100		
42	48.1	37.3	55.9
101	9.6	7.8	11.8
130	21.4	18.2	27.2

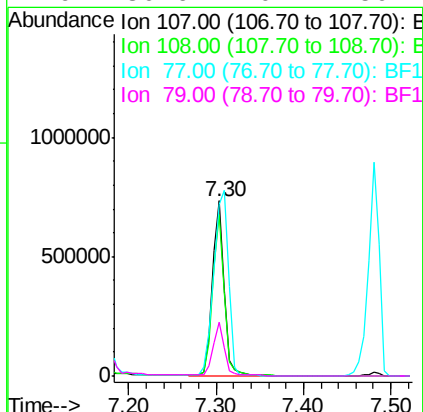
Manual Integrations
APPROVED

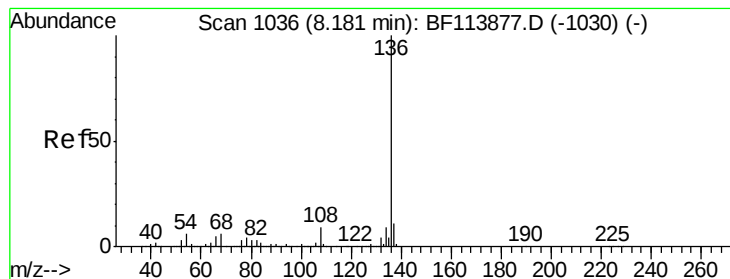
Sohil
4/23/2019 4:07:46 PM



#20
3+4-Methylphenols
Concen: 57.665 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Lower	Upper
107	100		
108	92.1	70.1	110.1
77	97.8	52.9	92.9
79	30.6	10.2	50.2





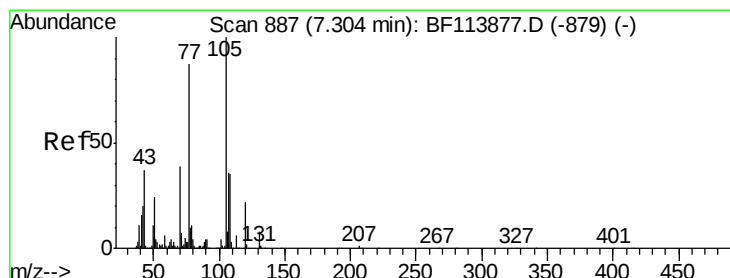
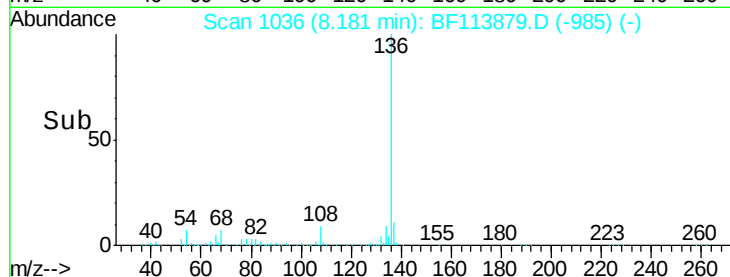
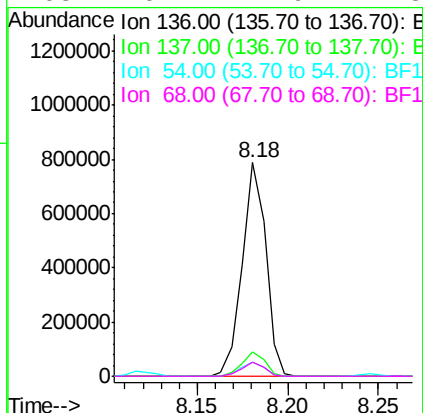
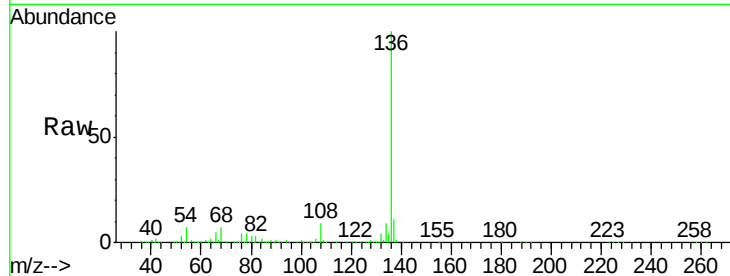
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	713604		
137	11.2	8.6	12.8	
54	6.5	5.0	7.6	
68	6.7	4.9	7.3	

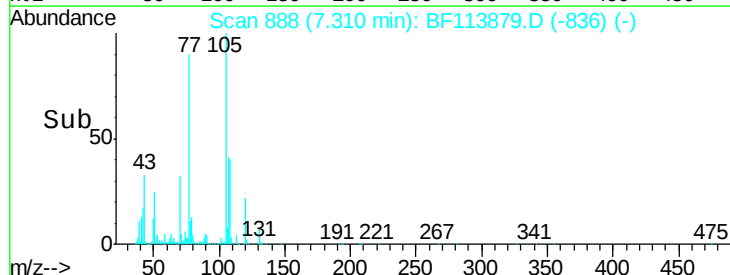
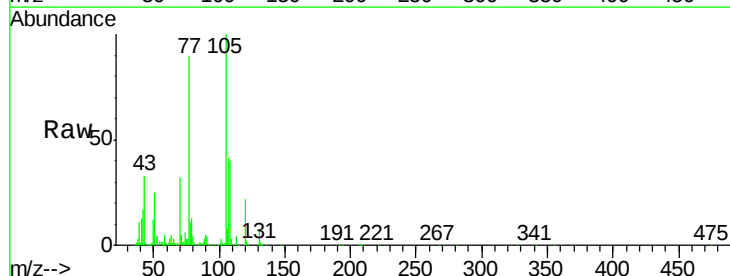
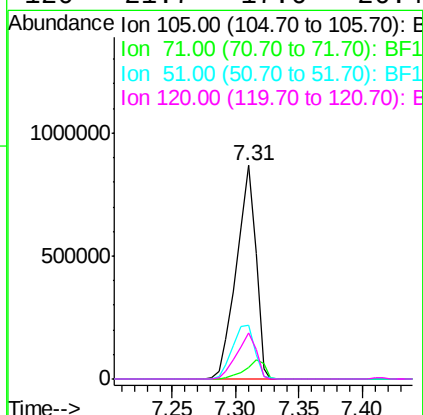
Manual Integrations
APPROVED

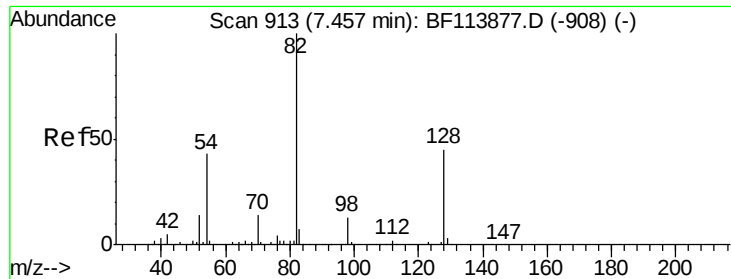
Sohil
4/23/2019 4:07:46 PM



#22
Acetophenone
Concen: 56.415 ng
RT: 7.31 min Scan# 888
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	917228		
71	5.5	6.1	9.1#	
51	25.5	16.8	25.2#	
120	21.7	17.6	26.4	





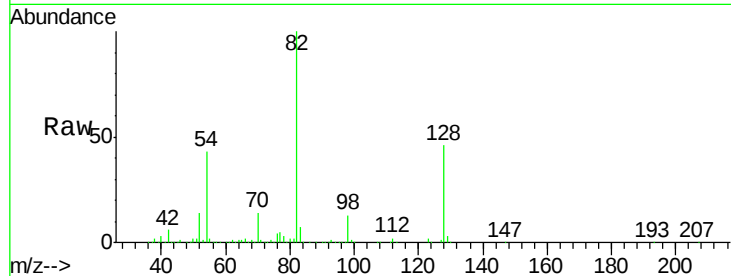
#23
 Nitrobenzene-d5
 Concen: 120.561 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

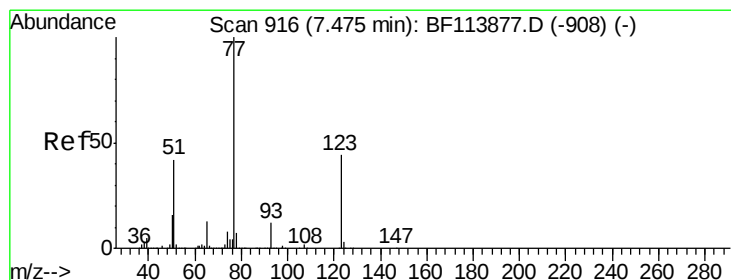
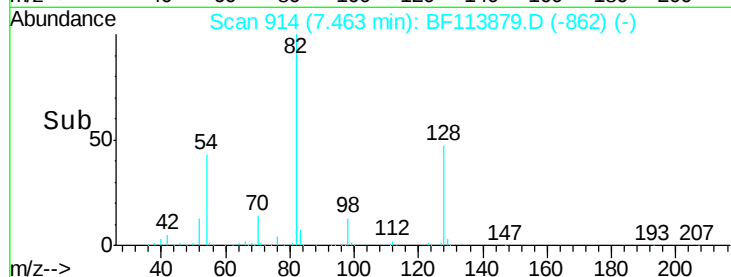
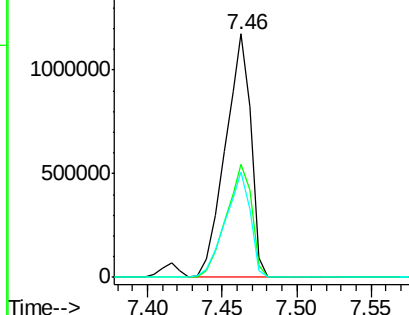
Tgt Ion: 82 Resp: 1412773
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.8 55.2
 54 43.5 33.8 50.6

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:07:46 PM

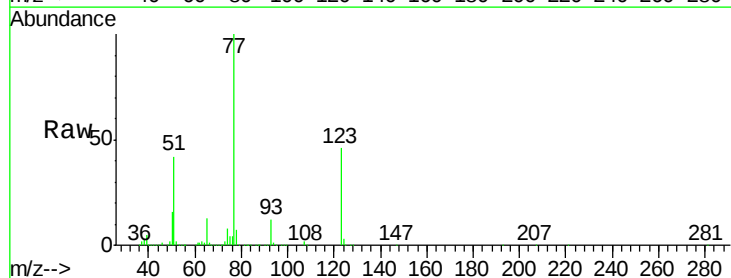


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

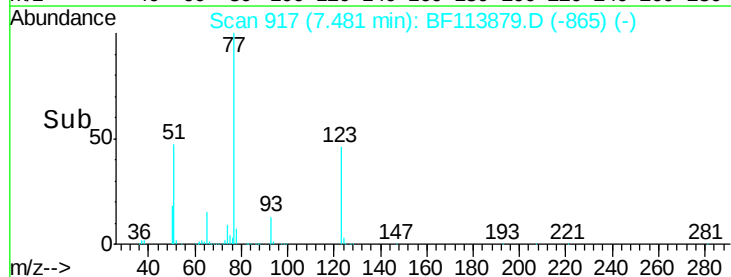
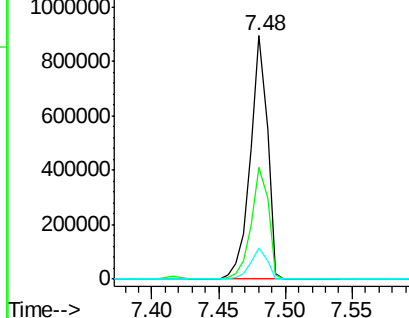


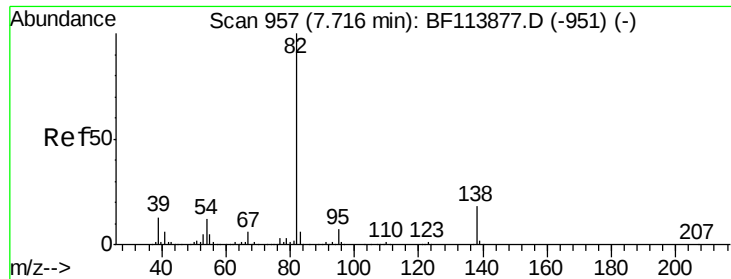
#24
 Nitrobenzene
 Concen: 58.925 ng
 RT: 7.48 min Scan# 917
 Delta R.T. 0.01 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Tgt Ion: 77 Resp: 776049
 Ion Ratio Lower Upper
 77 100
 123 45.8 36.3 54.5
 65 12.9 10.3 15.5



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: 57.232 ng

RT: 7.72 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

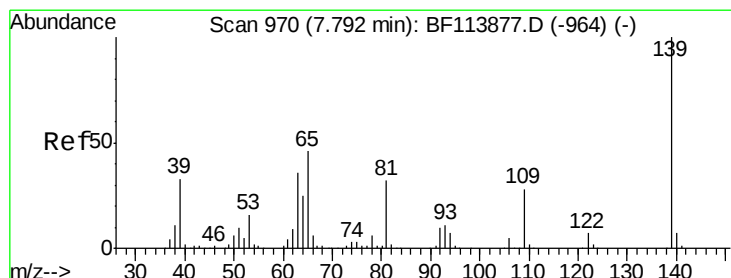
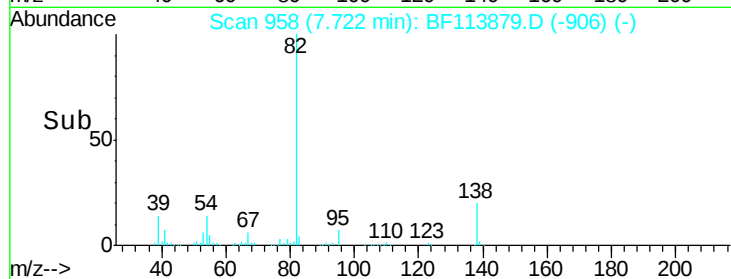
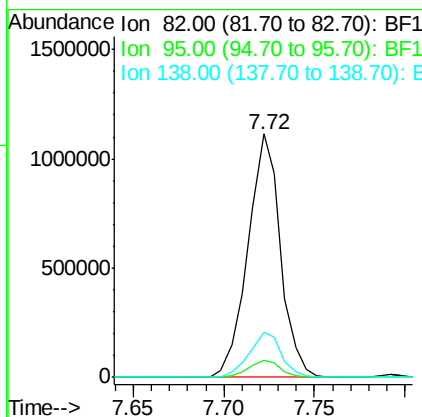
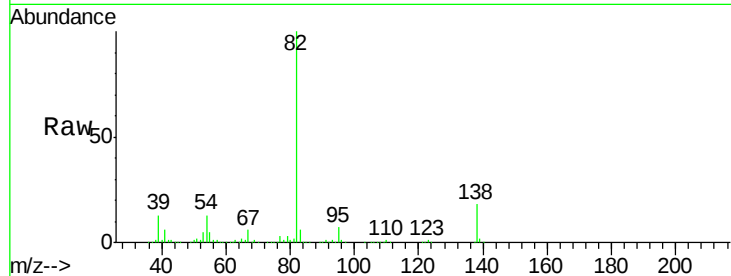
ClientSampleId :

SSTDICC060

Tgt Ion:	82	Resp:	1388604
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.4	8.2
138	18.4	14.6	22.0

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#26

2-Nitrophenol

Concen: 71.977 ng

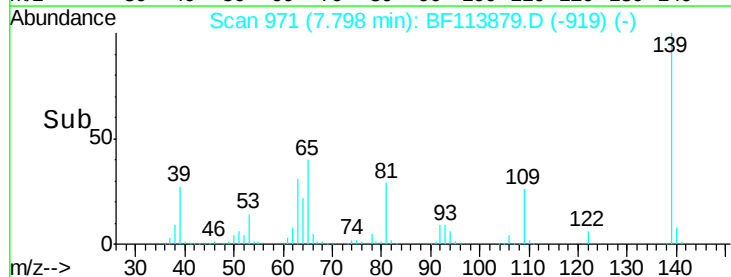
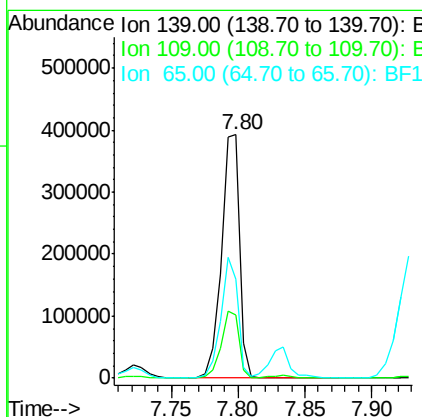
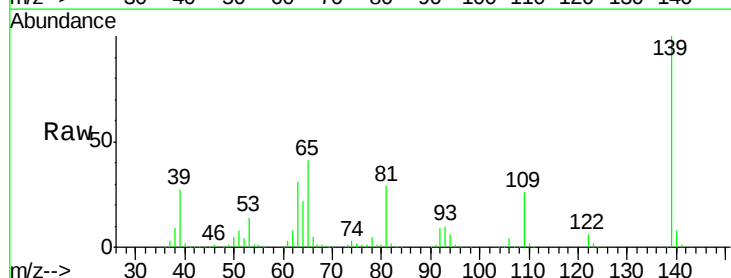
RT: 7.80 min Scan# 971

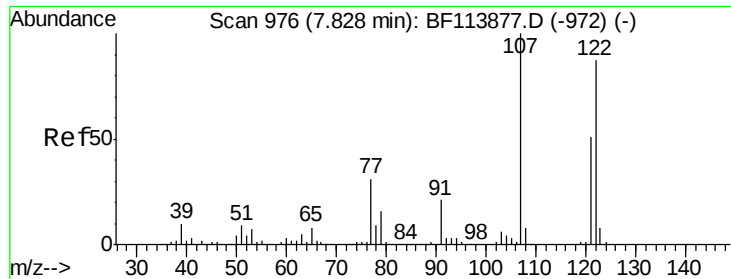
Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion:	139	Resp:	376589
Ion	Ratio	Lower	Upper
139	100		
109	25.7	20.6	31.0
65	40.6	34.6	52.0





#27

2,4-Dimethylphenol

Concen: 56.281 ng

RT: 7.83 min Scan# 977

Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

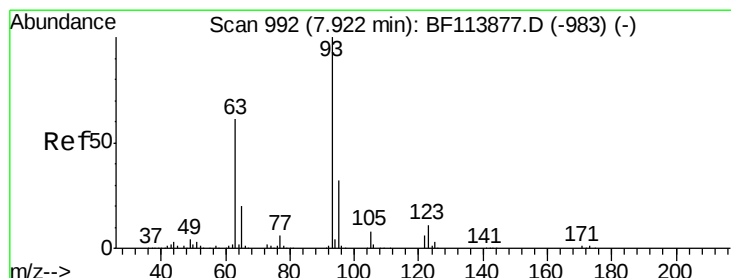
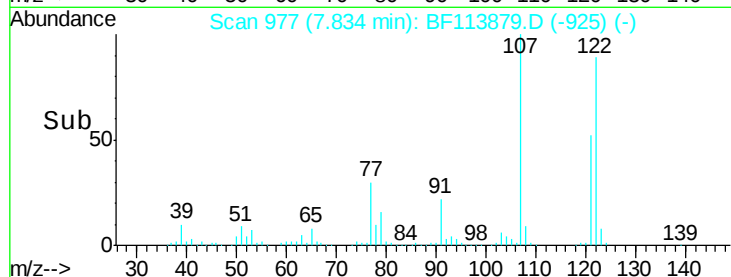
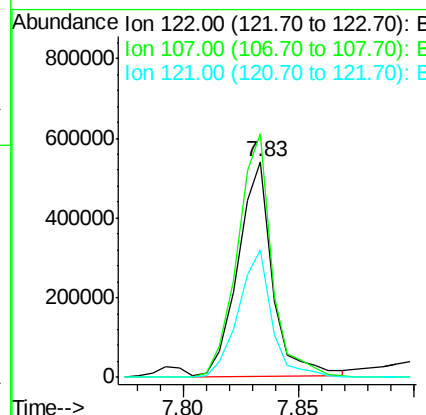
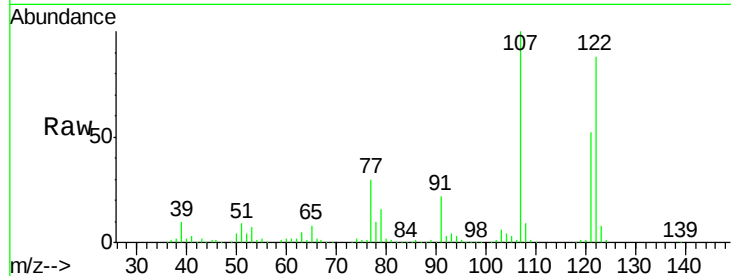
ClientSampleId :

SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	562217		
107	113.0	91.2	136.8	
121	59.2	46.4	69.6	

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#28

bis(2-Chloroethoxy)methane

Concen: 57.329 ng

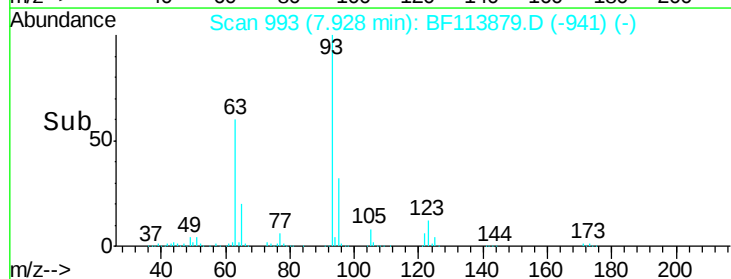
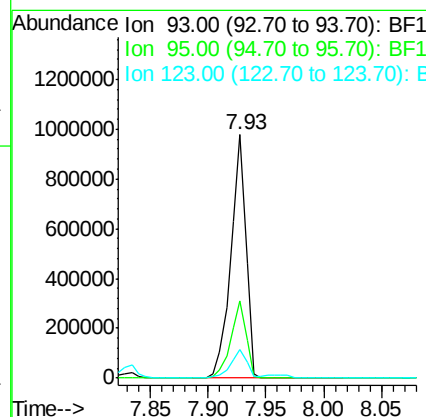
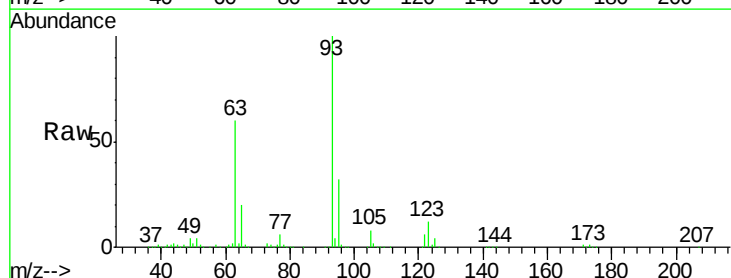
RT: 7.93 min Scan# 993

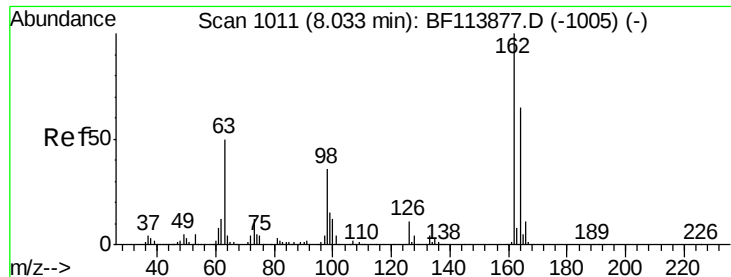
Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	883886		
95	31.9	25.8	38.6	
123	11.6	9.0	13.6	





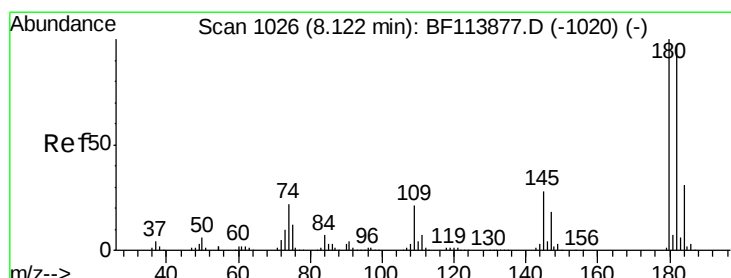
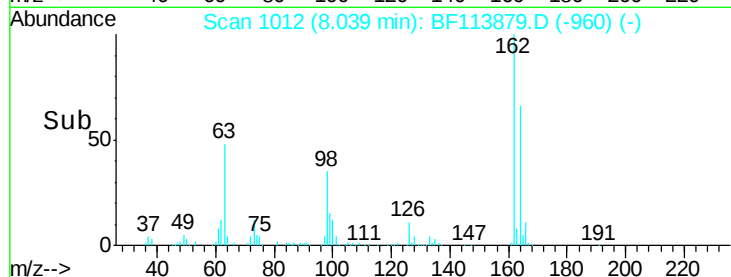
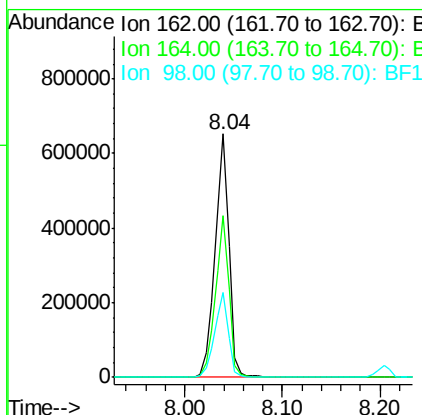
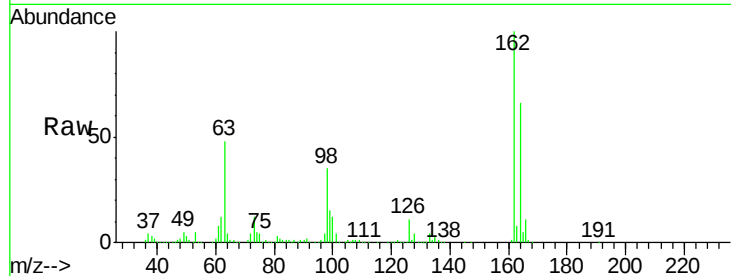
#29
2,4-Dichlorophenol
Concen: 60.292 ng
RT: 8.04 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	641746		
164	66.2	43.7	83.7	
98	35.0	15.5	55.5	

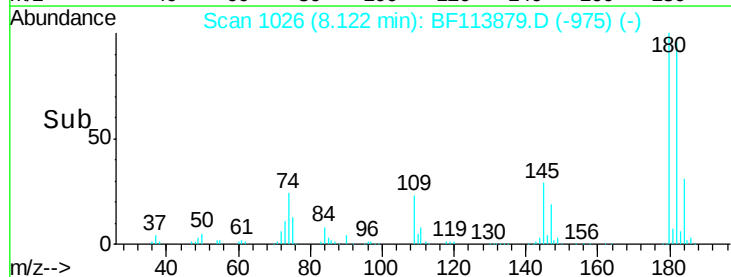
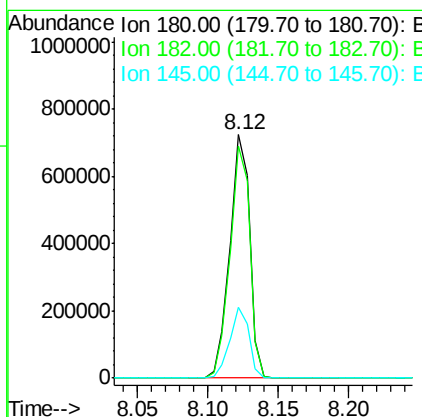
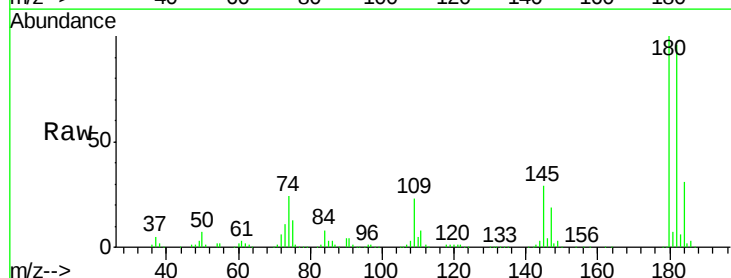
Manual Integrations
APPROVED

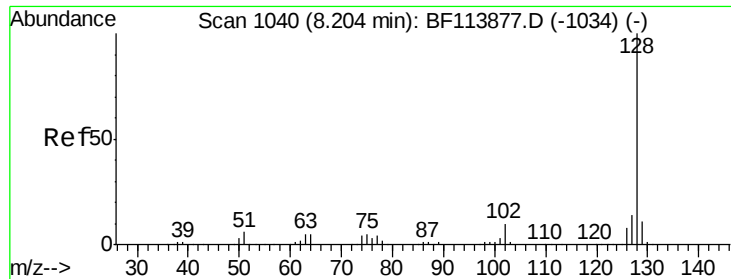
Sohil
4/23/2019 4:07:46 PM



#30
1,2,4-Trichlorobenzene
Concen: 60.130 ng
RT: 8.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	710924		
182	95.6	75.4	113.0	
145	29.0	23.0	34.4	





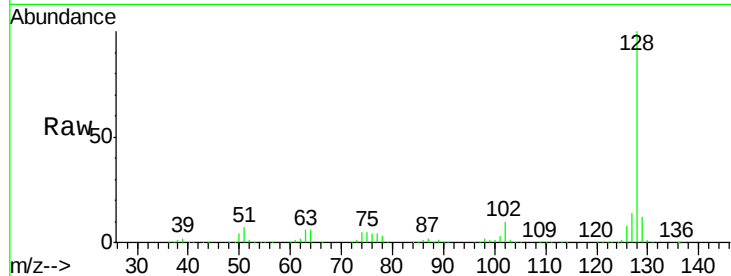
#31
Naphthalene
Concen: 58.039 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

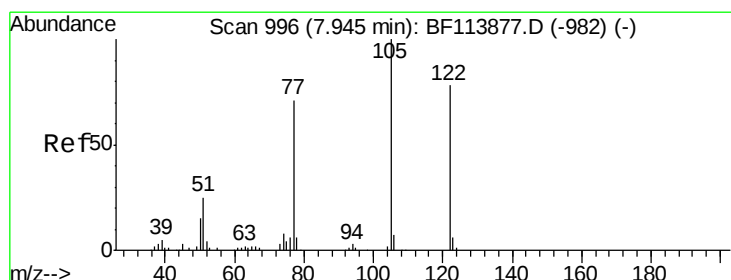
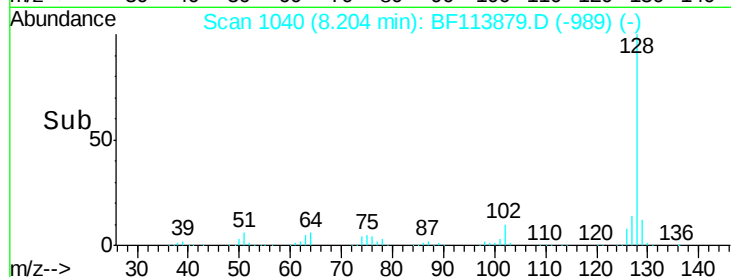
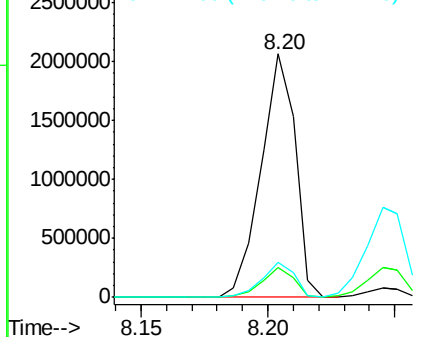
Tgt Ion:128 Resp: 1959049
Ion Ratio Lower Upper
128 100
129 12.1 9.4 14.0
127 14.1 10.8 16.2

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM

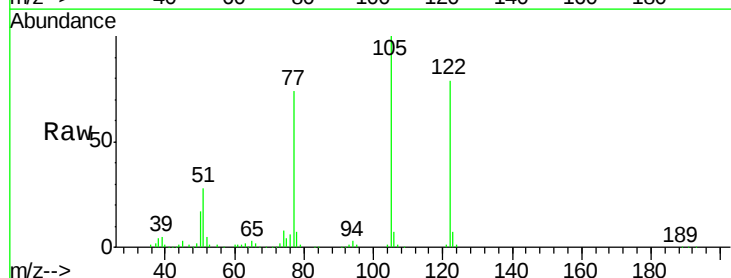


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

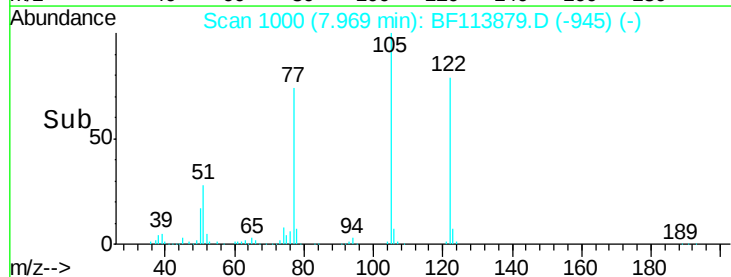
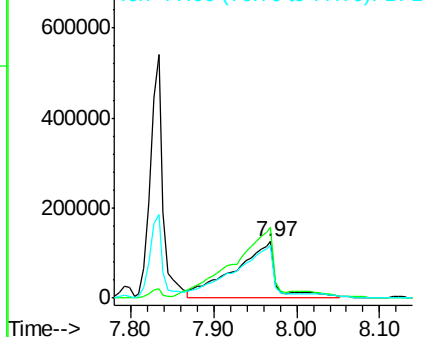


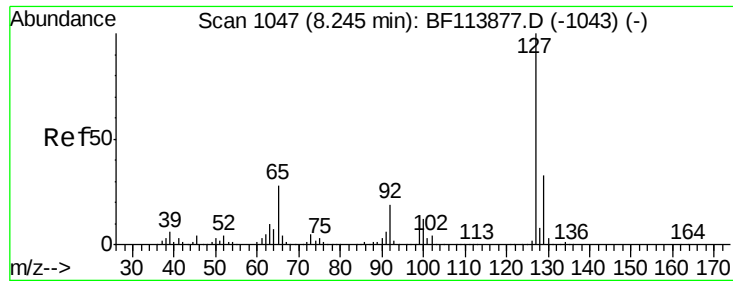
#32
Benzoic acid
Concen: 71.585 ng m
RT: 7.97 min Scan# 1000
Delta R.T. 0.02 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion:122 Resp: 442984
Ion Ratio Lower Upper
122 100
105 126.5 104.3 144.3
77 94.1 70.4 110.4



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





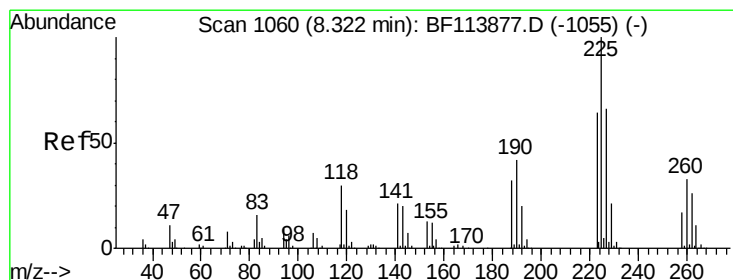
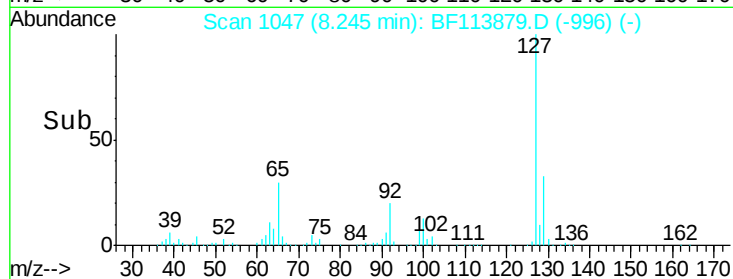
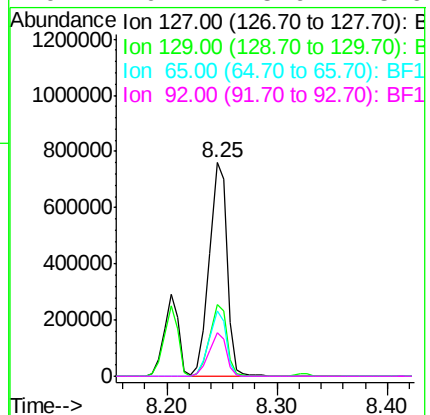
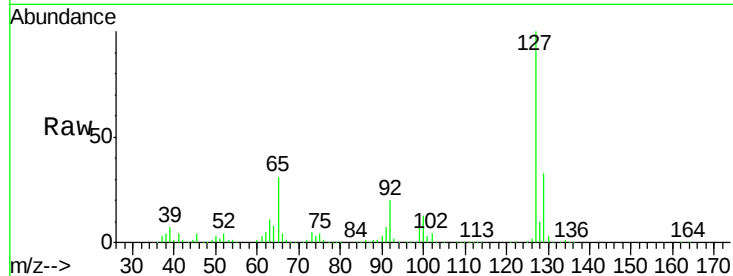
#33
4-Chloroaniline
Concen: 57.892 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
127	100	828969		
129	33.5	26.4	39.6	
65	30.6	24.9	37.3	
92	20.4	15.9	23.9	

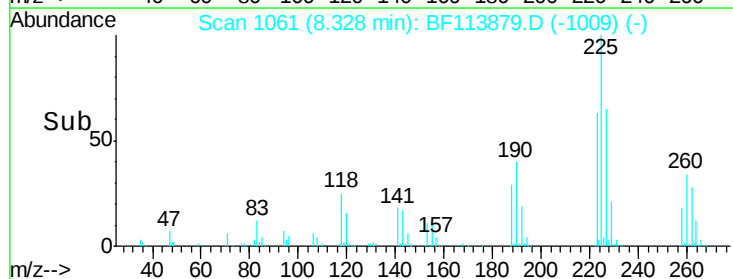
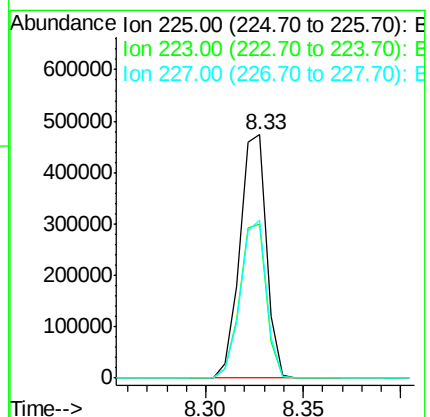
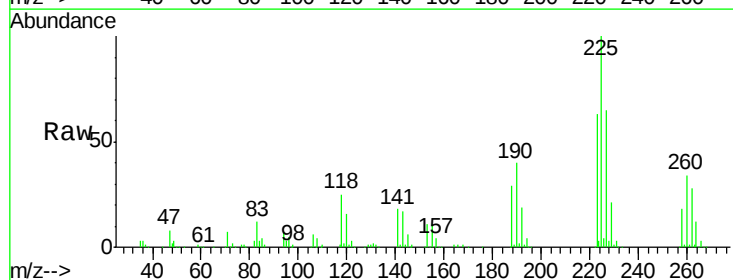
Manual Integrations
APPROVED

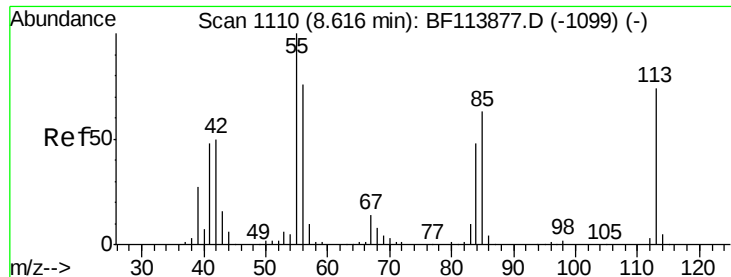
Sohil
4/23/2019 4:07:46 PM



#34
Hexachlorobutadiene
Concen: 61.912 ng
RT: 8.33 min Scan# 1061
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	447222		
223	63.2	51.1	76.7	
227	65.1	49.9	74.9	





#35

Caprolactam

Concen: 58.477 ng

RT: 8.63 min Scan# 1113

Delta R.T. 0.02 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

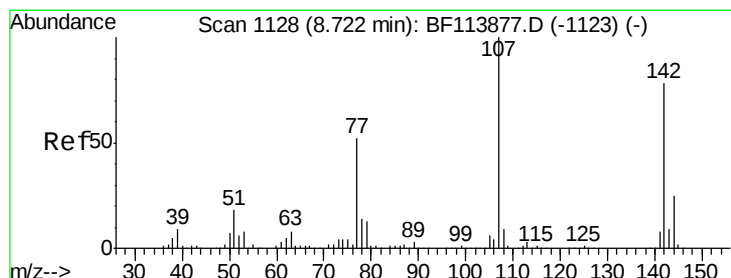
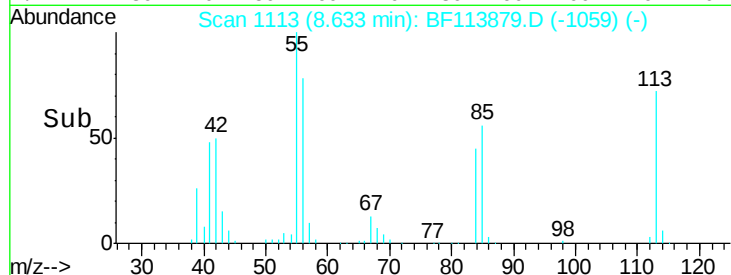
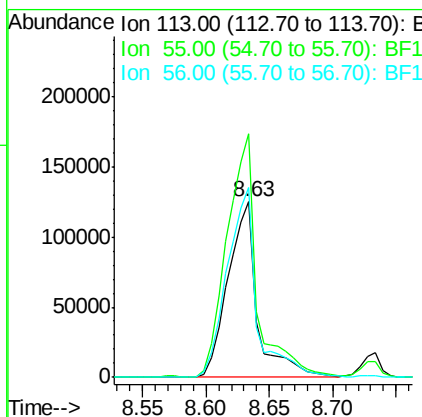
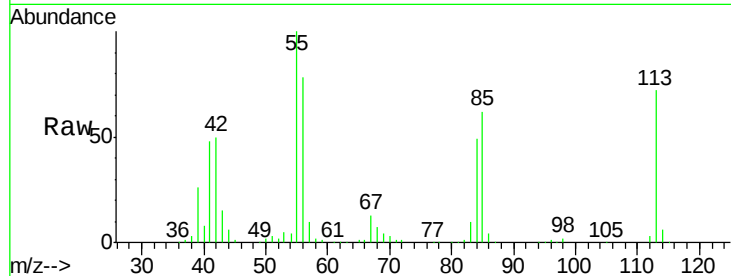
ClientSampleId :

SSTDICC060

Tgt Ion:	113	Resp:	200922
Ion Ratio	Lower	Upper	
113	100		
55	138.9	128.6	168.6
56	108.0	91.9	131.9

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#36

4-Chloro-3-methylphenol

Concen: 60.250 ng

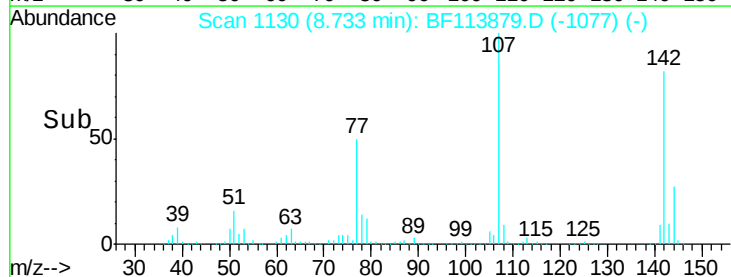
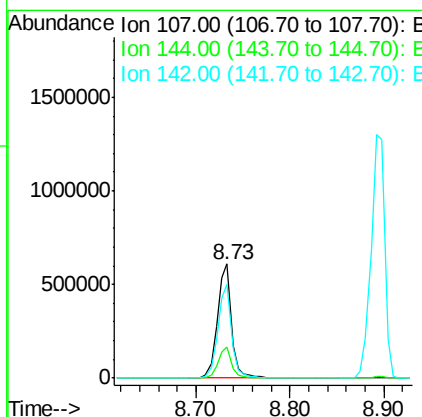
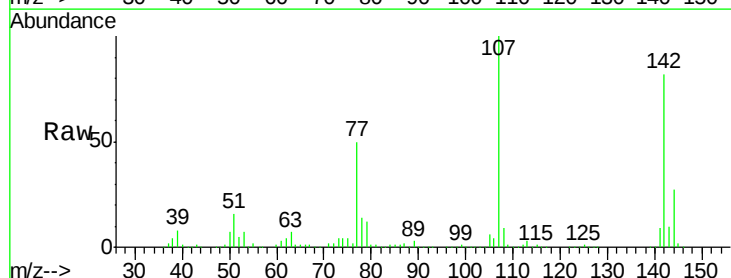
RT: 8.73 min Scan# 1130

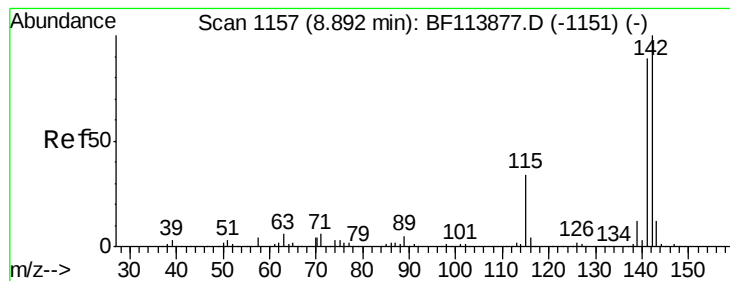
Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion:	107	Resp:	635900
Ion Ratio	Lower	Upper	
107	100		
144	27.0	20.5	30.7
142	82.5	64.2	96.4





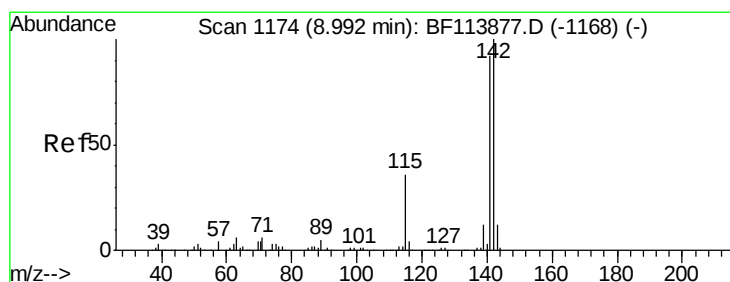
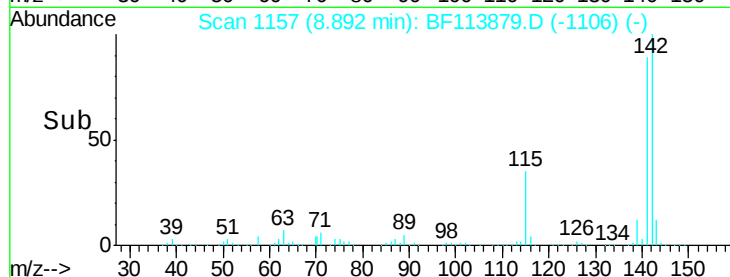
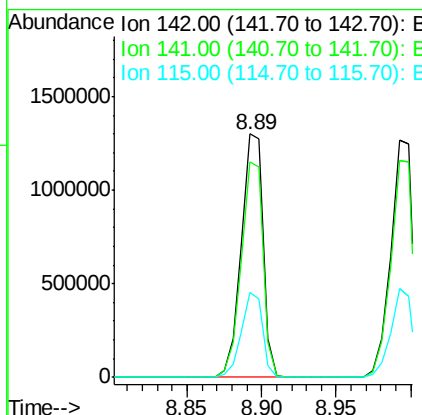
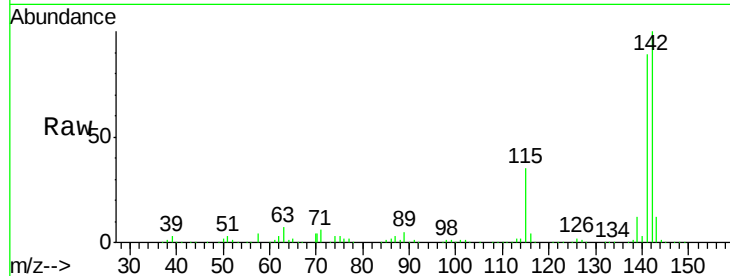
#37
2-Methylnaphthalene
Concen: 58.794 ng
RT: 8.89 min Scan# 1157
Delta R.T. 0.00 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:142 Resp: 1316689
Ion Ratio Lower Upper
142 100
141 88.7 70.4 105.6
115 34.9 26.3 39.5

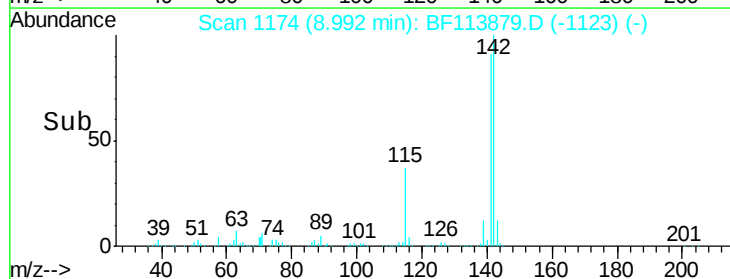
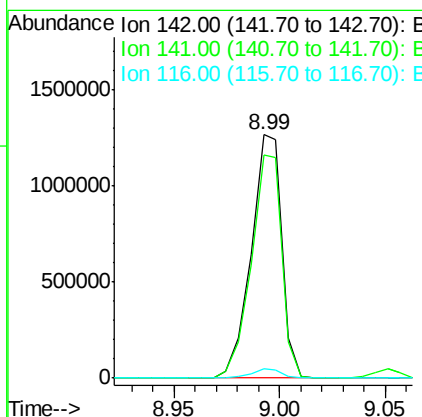
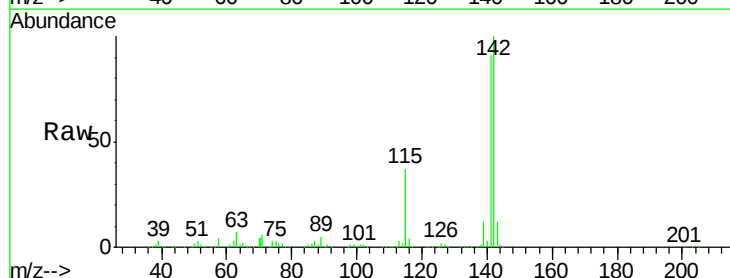
Manual Integrations
APPROVED

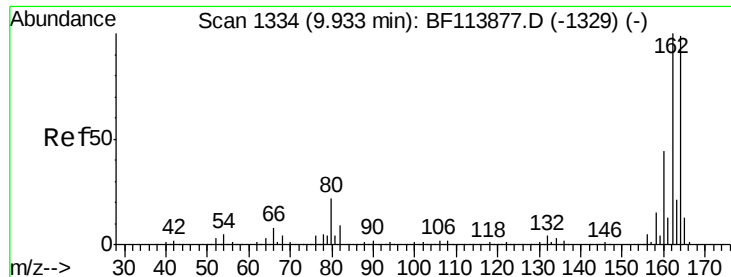
Sohil
4/23/2019 4:07:46 PM



#38
1-Methylnaphthalene
Concen: 58.835 ng
RT: 8.99 min Scan# 1174
Delta R.T. 0.00 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion:142 Resp: 1278544
Ion Ratio Lower Upper
142 100
141 91.5 72.3 108.5
116 4.0 3.0 4.4





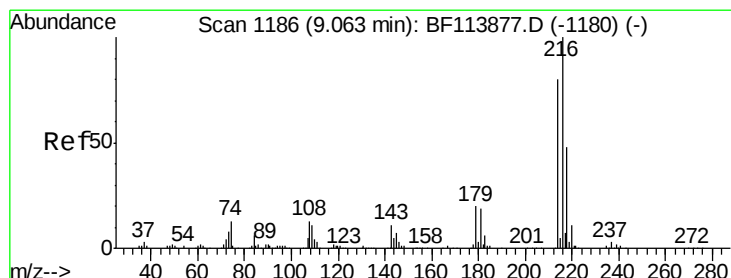
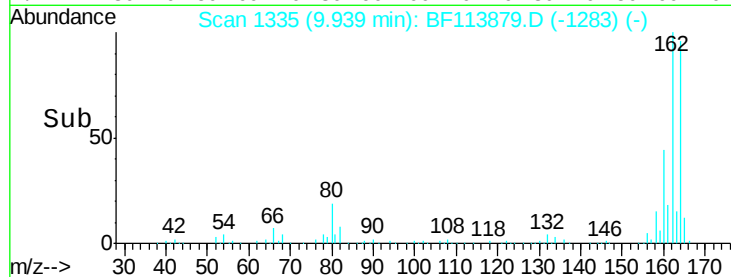
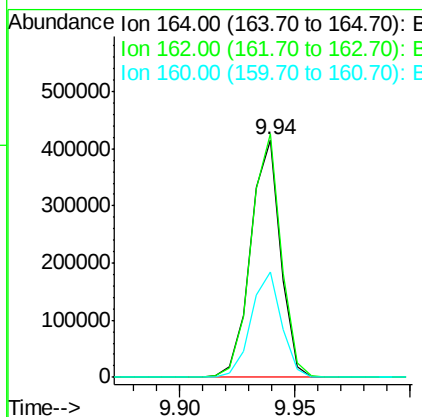
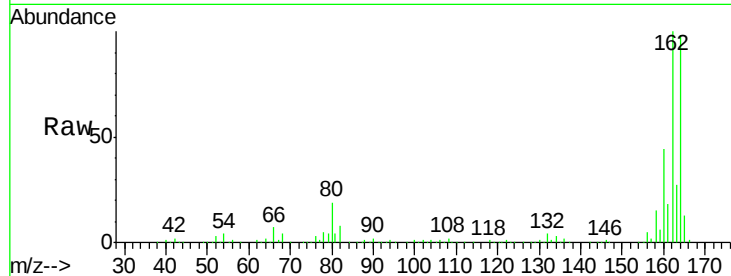
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	374559		
162	102.6	81.1	121.7	
160	44.7	35.8	53.6	

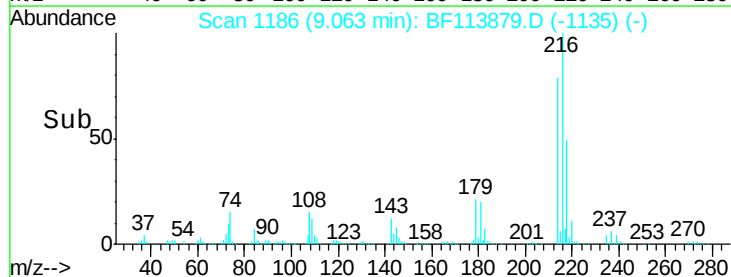
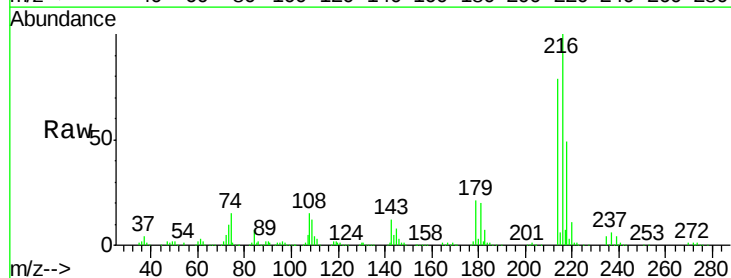
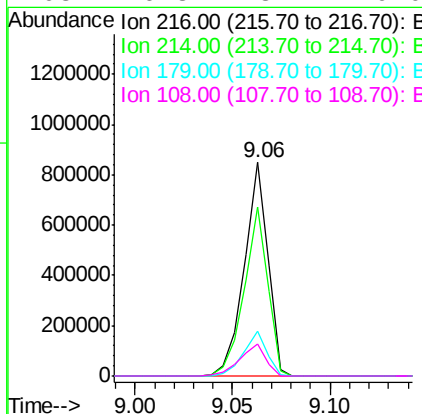
Manual Integrations
APPROVED

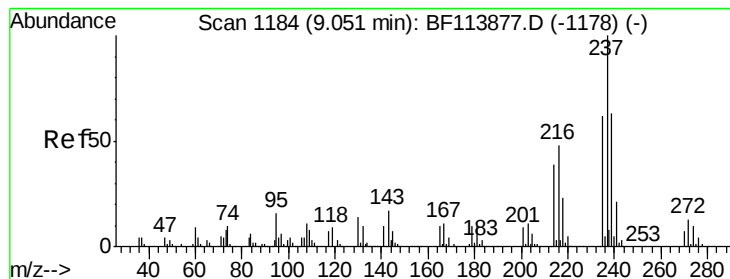
Sohil
4/23/2019 4:07:46 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 59.926 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	712310		
214	79.0	63.5	95.3	
179	20.6	16.1	24.1	
108	16.3	13.4	20.0	





#41

Hexachlorocyclopentadiene

Concen: 63.337 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

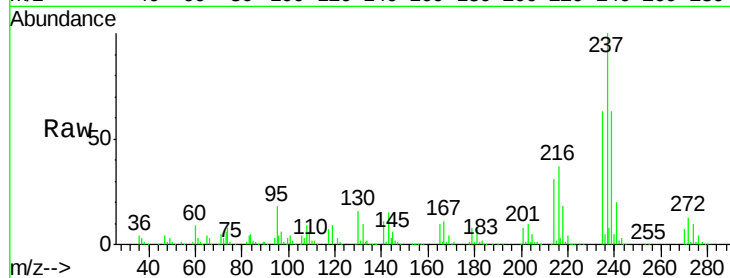
ClientSampleId :

SSTDICC060

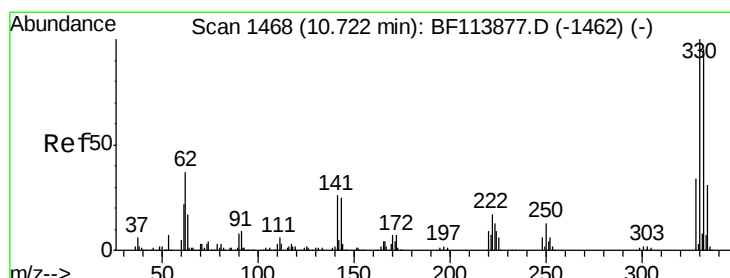
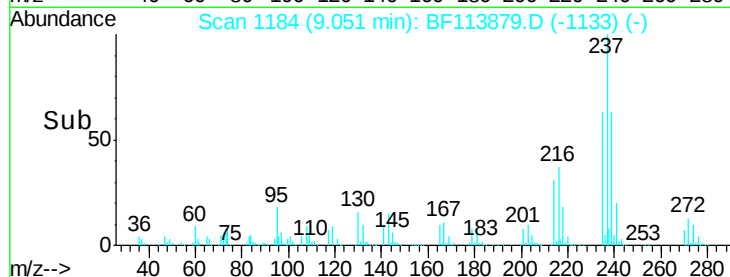
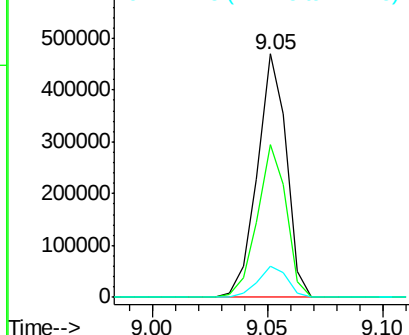
Tgt Ion:	237	Resp:	413862
Ion Ratio	Lower	Upper	
237	100		
235	62.7	42.6	82.6
272	13.0	0.0	33.8

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



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



#42

2,4,6-Tribromophenol

Concen: 130.265 ng

RT: 10.73 min Scan# 1469

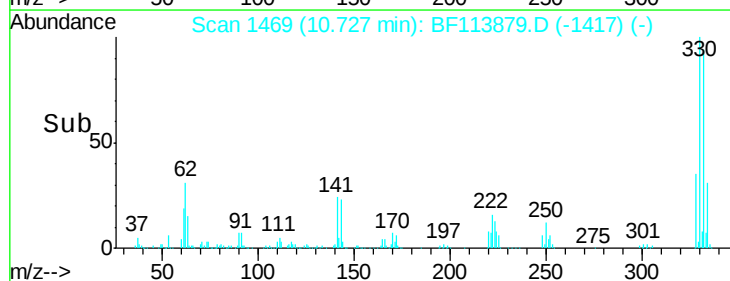
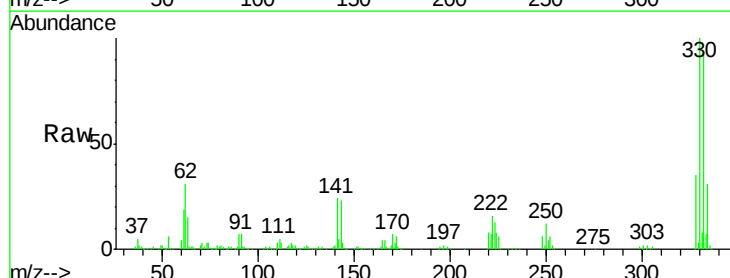
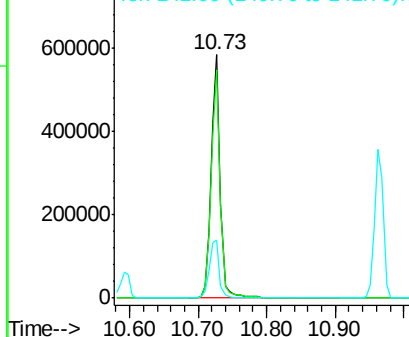
Delta R.T. 0.01 min

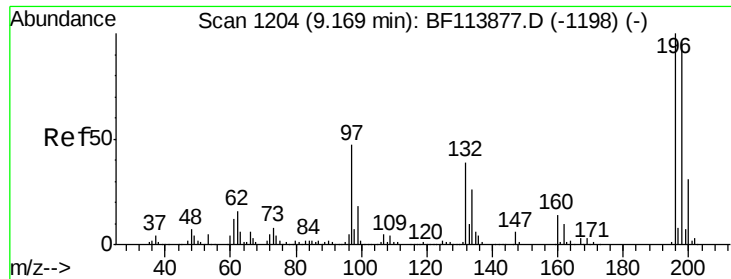
Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion:	330	Resp:	539062
Ion Ratio	Lower	Upper	
330	100		
332	95.1	77.5	116.3
141	26.4	22.2	33.2

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





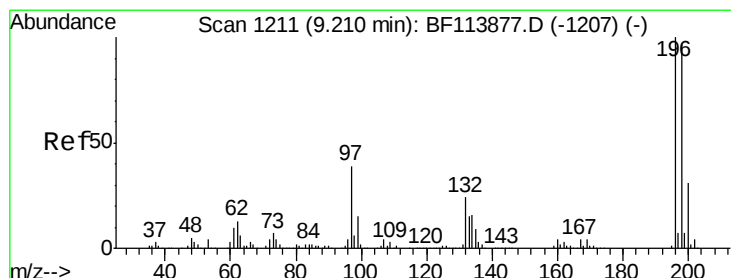
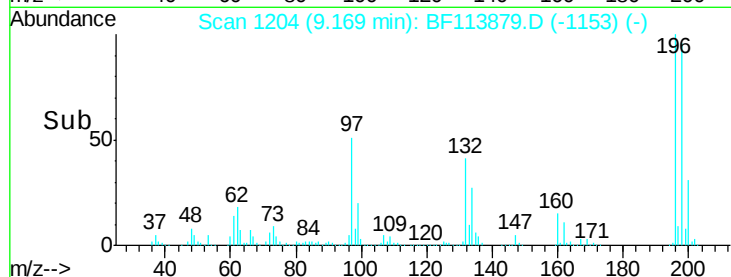
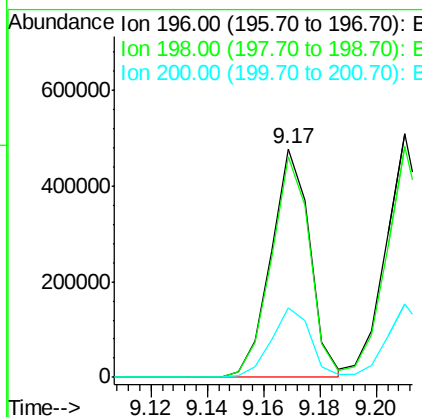
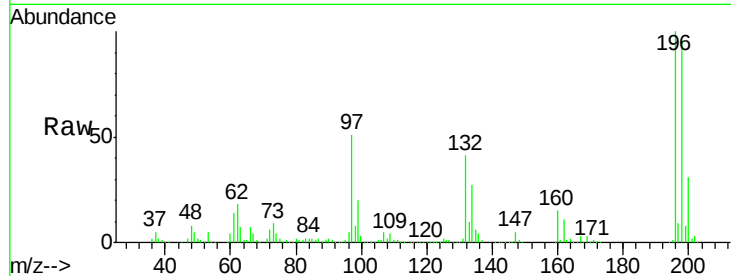
#43
 2,4,6-Trichlorophenol
 Concen: 59.618 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	456144		
198	96.2	75.6	113.4	
200	30.6	24.7	37.1	

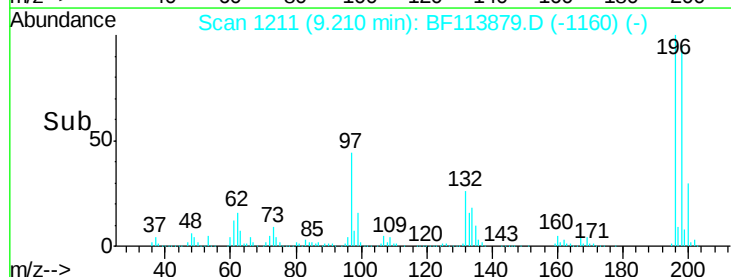
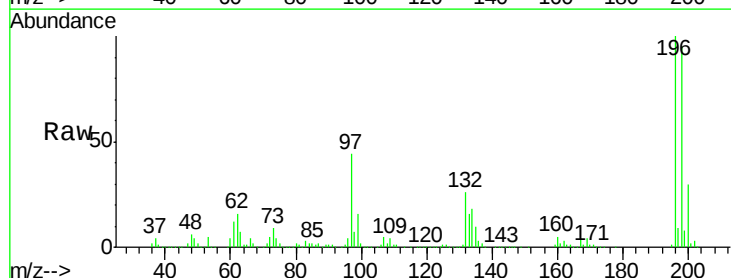
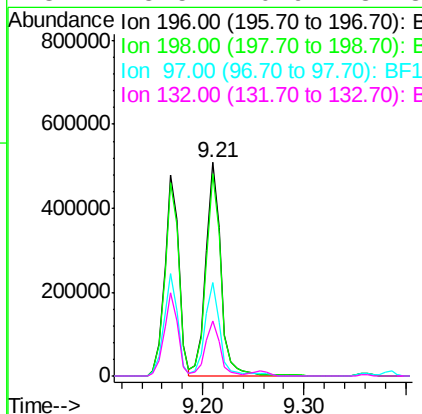
Manual Integrations
 APPROVED

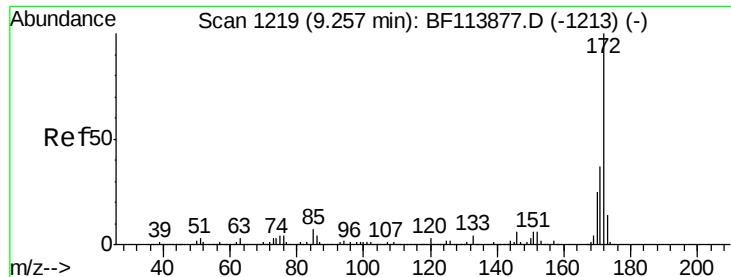
Sohil
 4/23/2019 4:07:46 PM



#44
 2,4,5-Trichlorophenol
 Concen: 63.088 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	520915		
198	95.0	76.2	114.4	
97	43.8	35.8	53.8	
132	25.5	20.9	31.3	





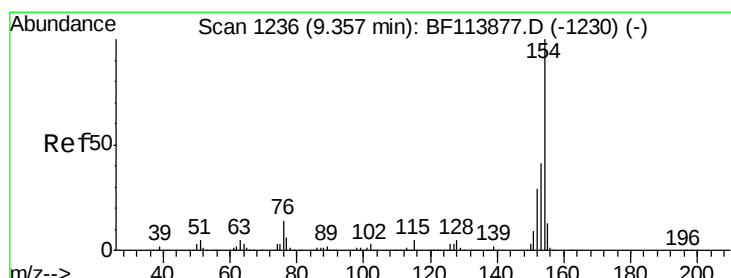
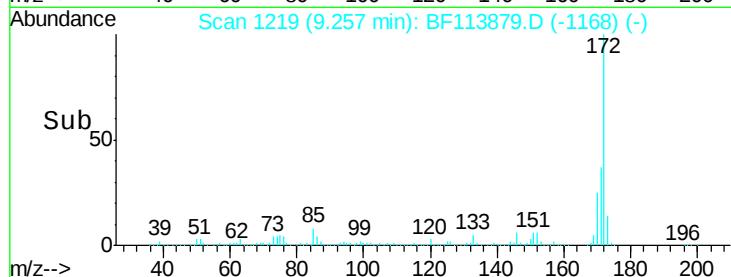
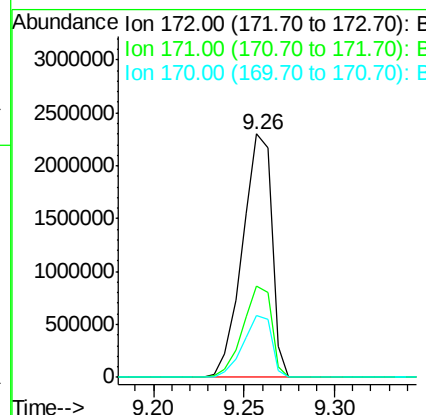
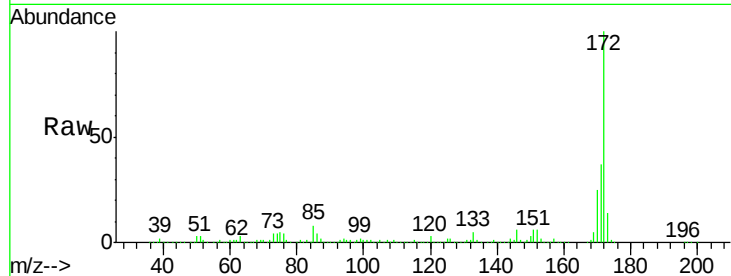
#45
 2-Fluorobiphenyl
 Concen: 105.008 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	29.4	44.0
170	25.3	19.9	29.9

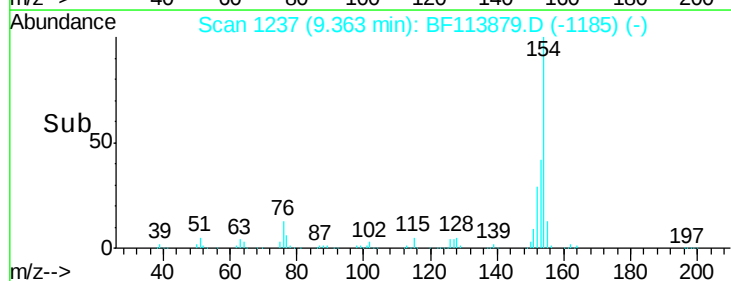
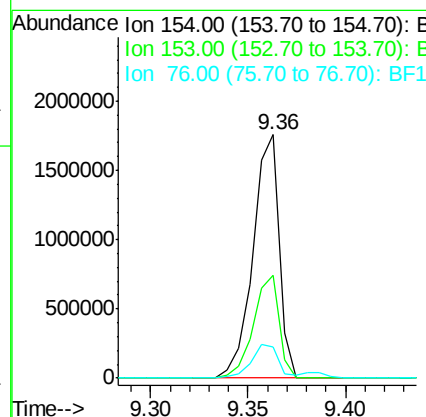
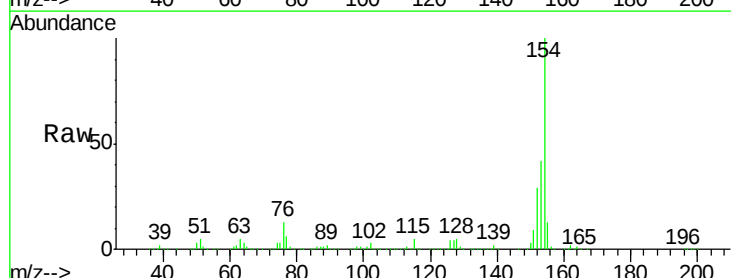
Manual Integrations
 APPROVED

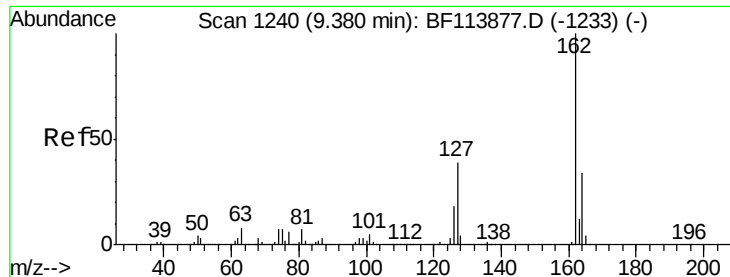
Sohil
 4/23/2019 4:07:46 PM



#46
 1,1'-Biphenyl
 Concen: 57.760 ng
 RT: 9.36 min Scan# 1237
 Delta R.T. 0.01 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.0	20.8	60.8
76	12.8	0.0	35.2





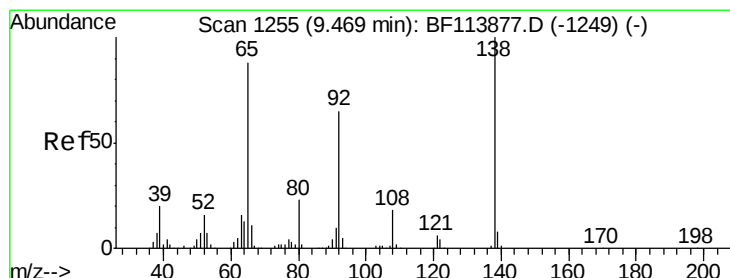
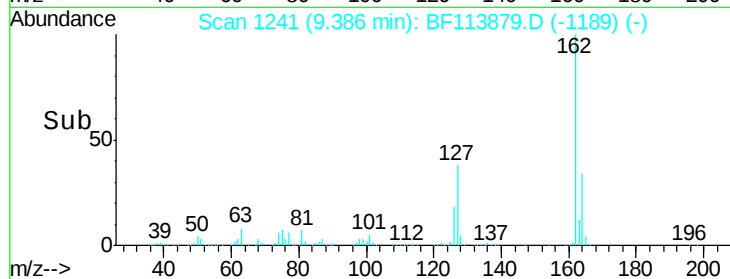
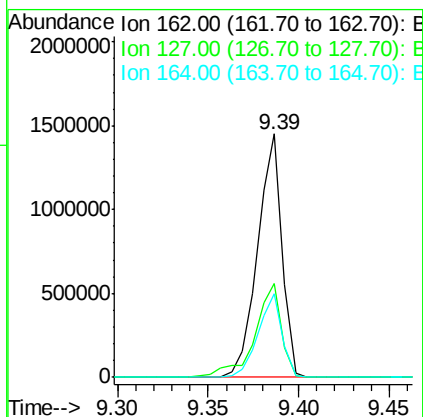
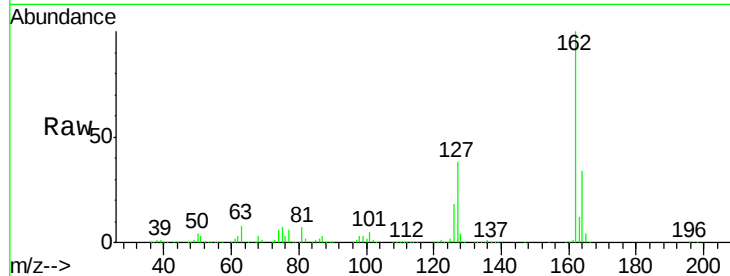
#47
 2-Chloronaphthalene
 Concen: 58.426 ng
 RT: 9.39 min Scan# 1241
 Delta R.T. 0.01 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.5	29.3	43.9
164	34.3	27.1	40.7

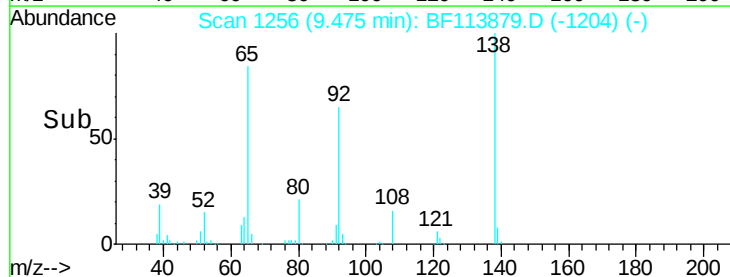
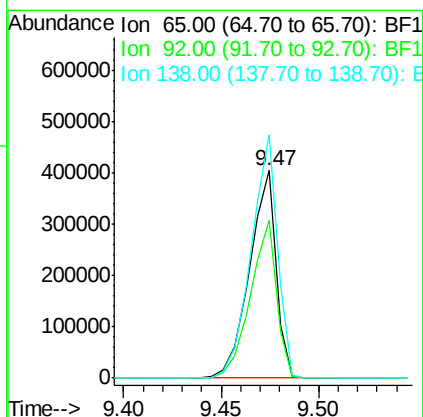
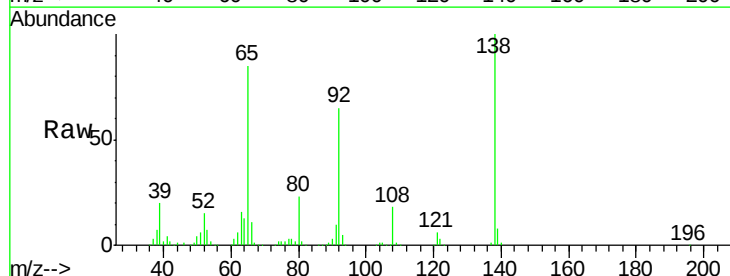
Manual Integrations
 APPROVED

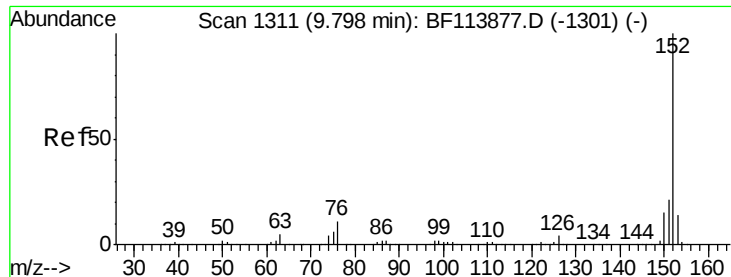
Sohil
 4/23/2019 4:07:46 PM



#48
 2-Nitroaniline
 Concen: 63.034 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Lower	Upper
65	100		
92	76.0	57.4	86.0
138	117.3	85.4	128.0





#49

Acenaphthylene

Concen: 57.375 ng

RT: 9.80 min Scan# 1312

Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:152 Resp: 2082140

Ion Ratio Lower Upper

152 100

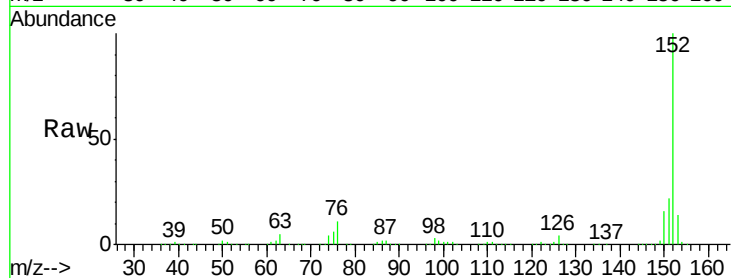
151 21.8 17.0 25.4

153 13.9 11.0 16.6

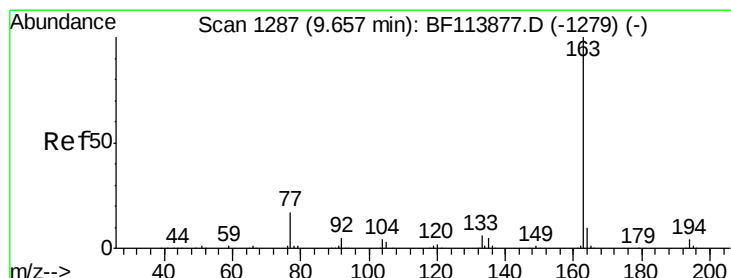
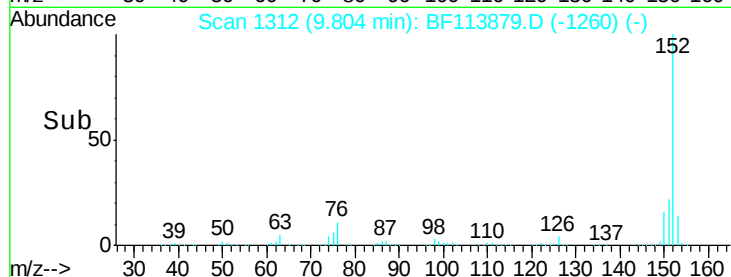
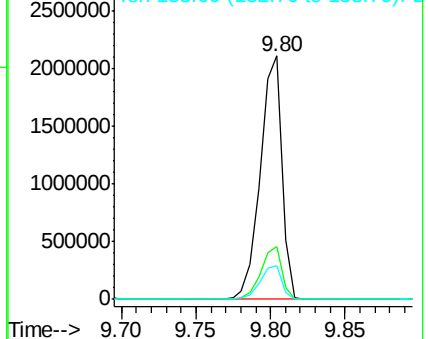
Manual Integrations
APPROVED

Sohil

4/23/2019 4:07:46 PM



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



#50

Dimethylphthalate

Concen: 60.006 ng

RT: 9.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

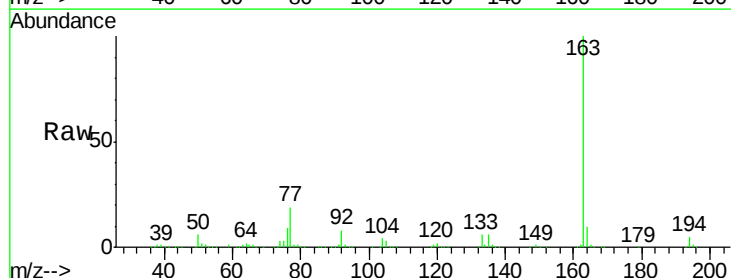
Tgt Ion:163 Resp: 1572894

Ion Ratio Lower Upper

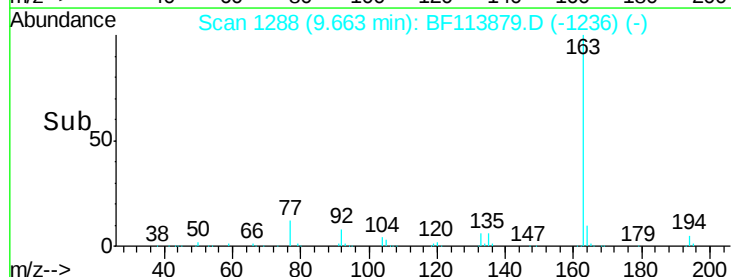
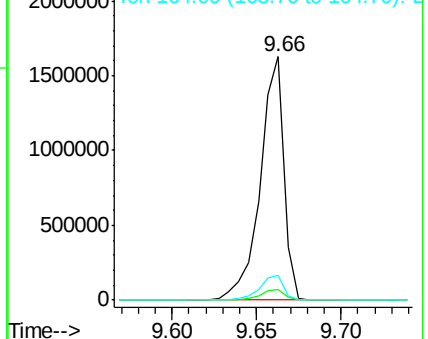
163 100

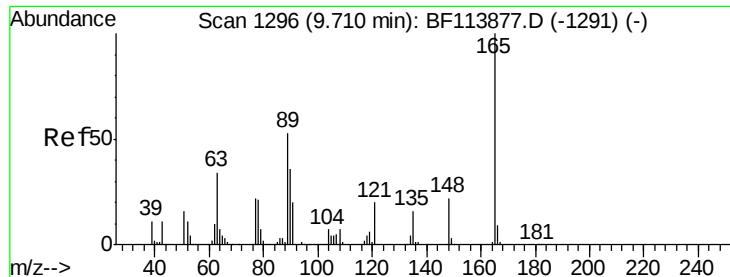
194 4.6 3.4 5.2

164 10.3 8.5 12.7



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: 63.611 ng

RT: 9.72 min Scan# 1297

Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

ClientSampled :

SSTDICC060

Tgt Ion:165 Resp: 367987
Ion Ratio Lower Upper

165 100

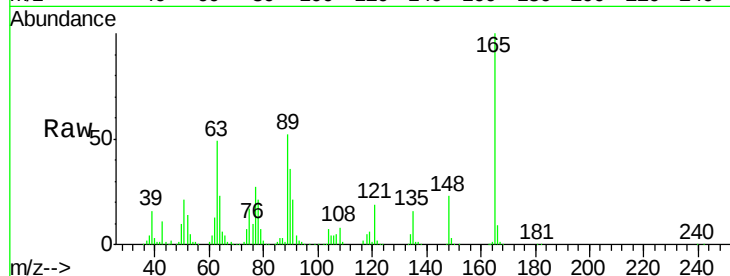
63 49.5 33.8 50.8

89 52.3 38.2 57.2

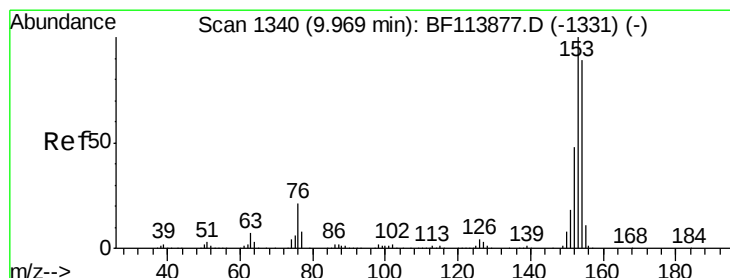
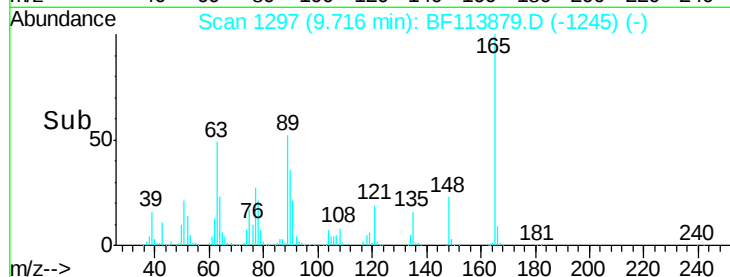
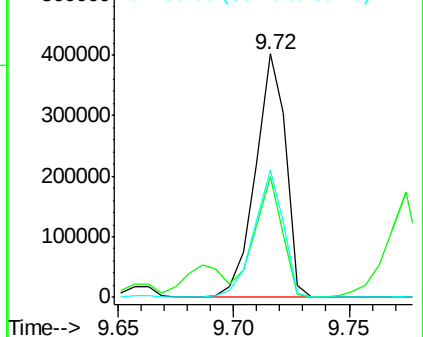
Manual Integrations
APPROVED

Sohil

4/23/2019 4:07:46 PM



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



#52

Acenaphthene

Concen: 58.745 ng

RT: 9.97 min Scan# 1341

Delta R.T. 0.01 min

Lab File: BF113879.D

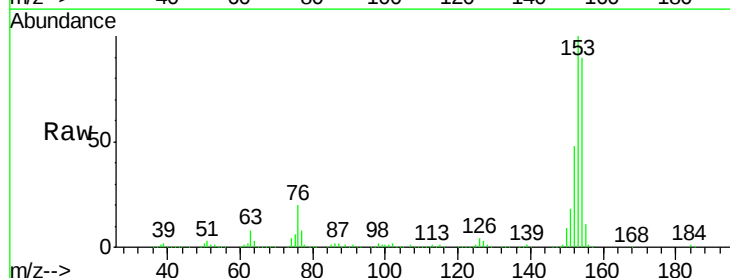
Acq: 22 Apr 2019 14:33

Tgt Ion:154 Resp: 1250458
Ion Ratio Lower Upper

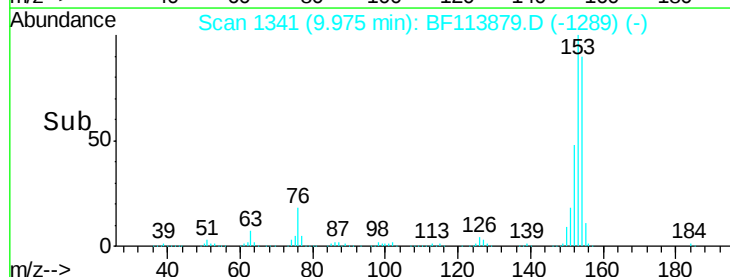
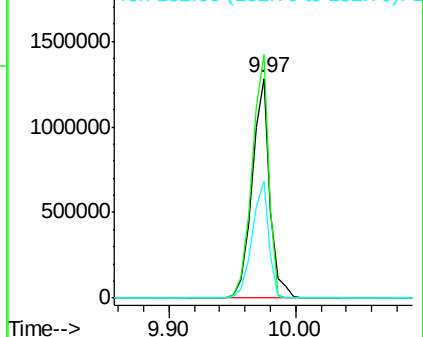
154 100

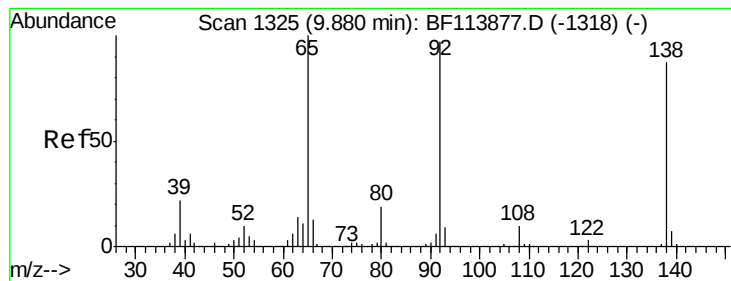
153 110.9 87.2 130.8

152 53.2 42.3 63.5



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





#53

3-Nitroaniline

Concen: 61.414 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

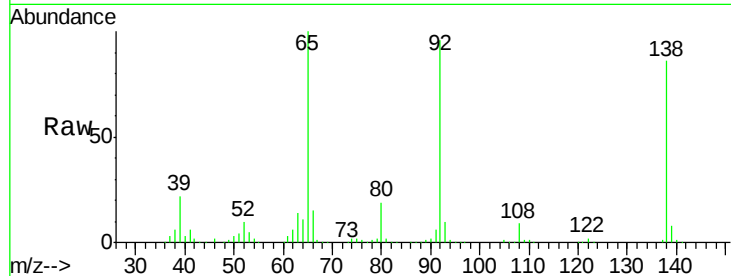
ClientSampleId :

SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
138	100	376197		
108	10.5	9.4	14.2	
92	112.5	94.1	141.1	

Manual Integrations
APPROVED

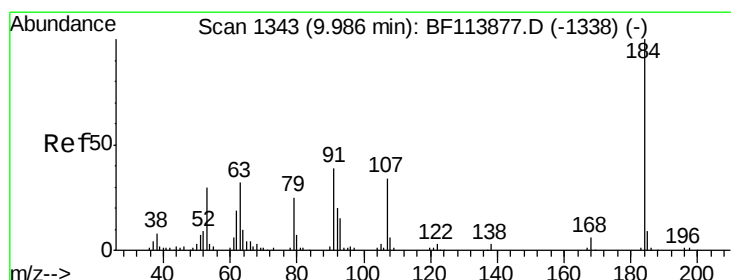
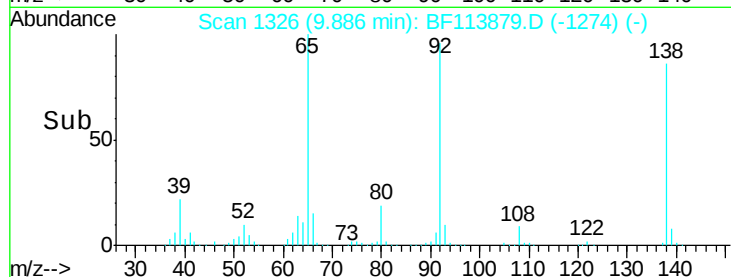
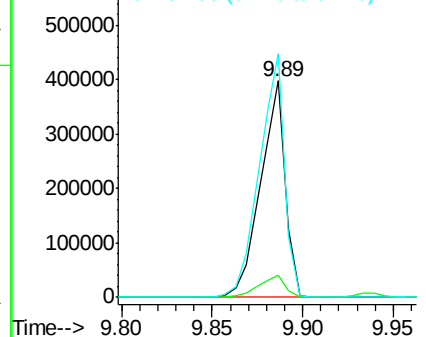
Sohil
4/23/2019 4:07:46 PM



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 83.840 ng

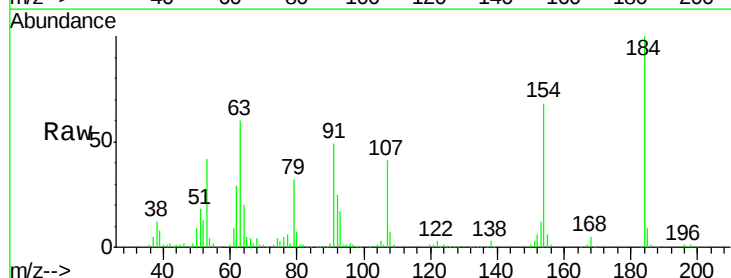
RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

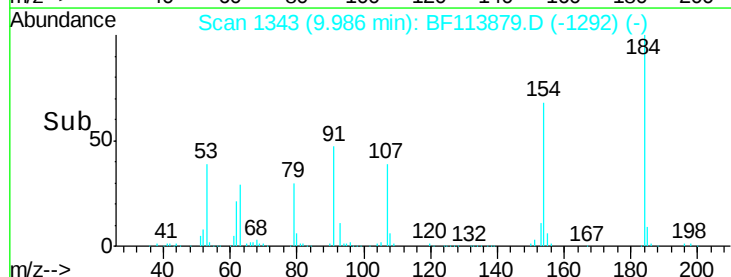
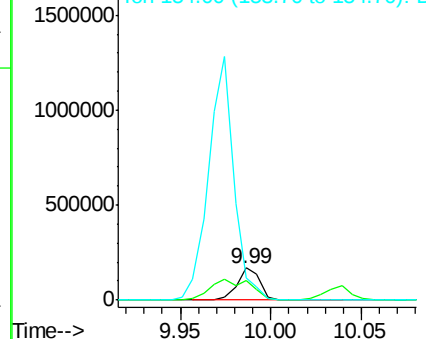
Tgt Ion	Ratio	Resp	Lower	Upper
184	100	147556		
63	60.0	54.6	81.8	
154	68.5	218.6	328.0#	

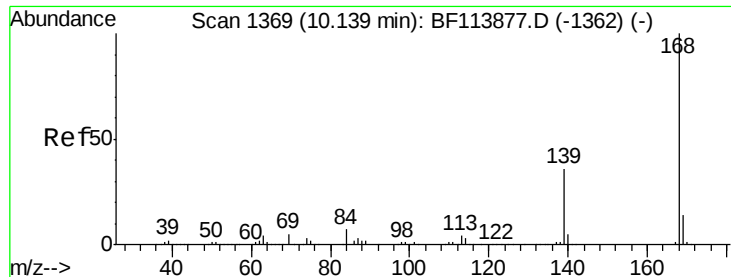


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





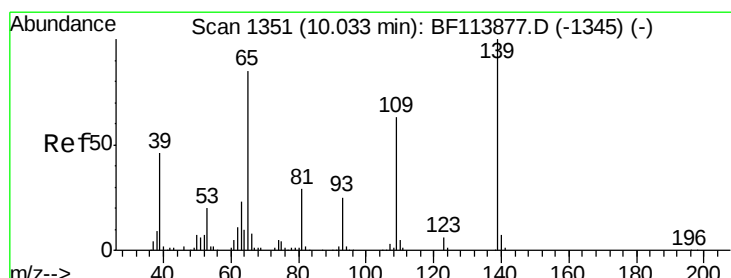
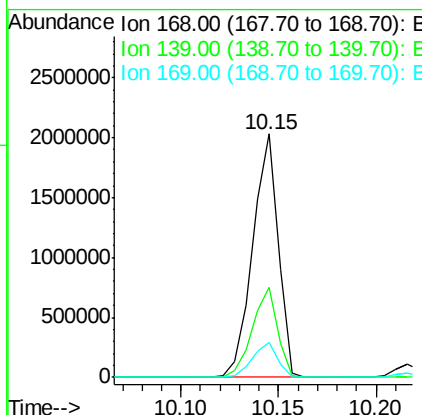
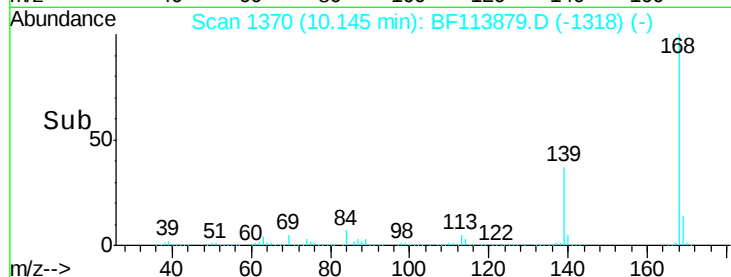
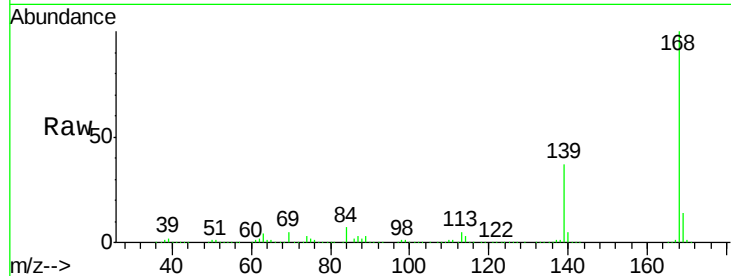
#55
Dibenzofuran
Concen: 57.879 ng
RT: 10.15 min Scan# 1370
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion:168 Resp: 1845608
Ion Ratio Lower Upper
168 100
139 36.9 27.8 41.6
169 14.2 11.0 16.6

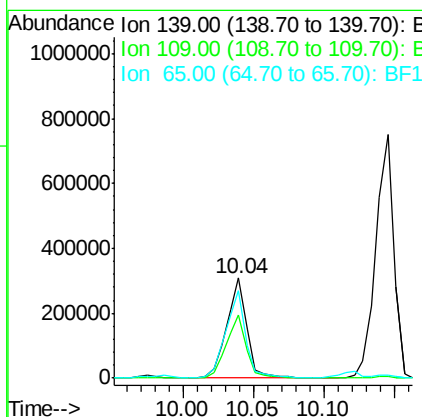
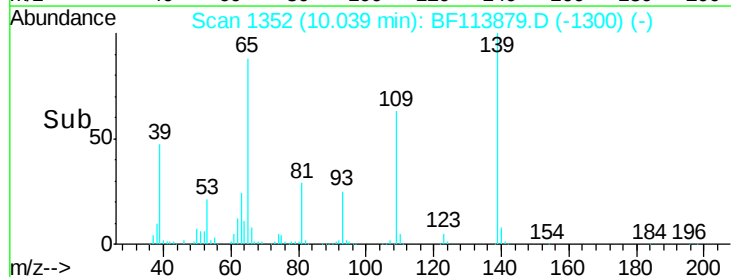
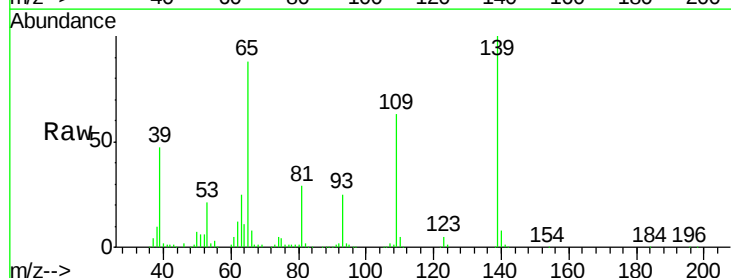
Manual Integrations
APPROVED

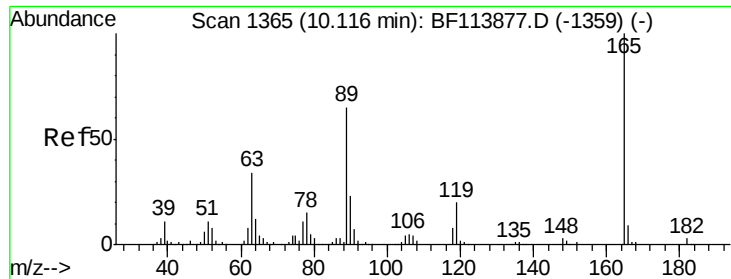
Sohil
4/23/2019 4:07:46 PM



#56
4-Nitrophenol
Concen: 61.506 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion:139 Resp: 306610
Ion Ratio Lower Upper
139 100
109 63.2 42.9 82.9
65 87.9 64.4 104.4





#57

2,4-Dinitrotoluene

Concen: 65.956 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF113879.D

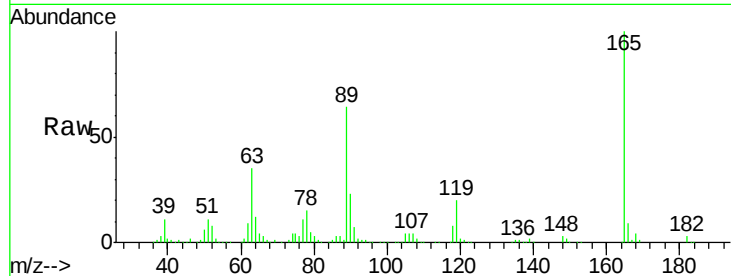
Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

ClientSampleId :

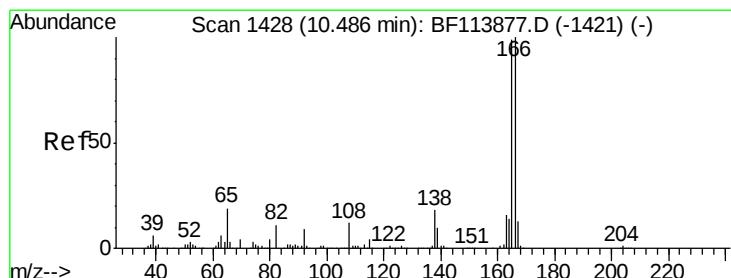
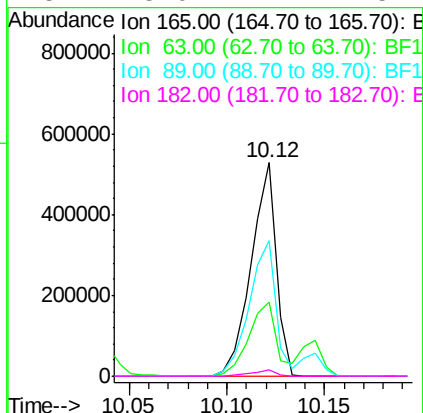
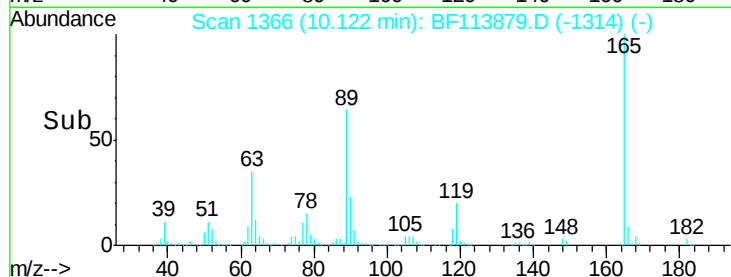
SSTDICC060



Tgt Ion	Ratio	Resp	Lower	Upper
165	100	473367		
63	34.9	27.4	41.0	
89	63.6	51.8	77.6	
182	3.0	2.2	3.2	

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#58

Fluorene

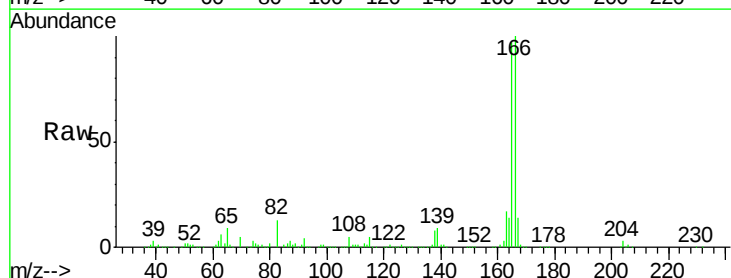
Concen: 57.743 ng

RT: 10.49 min Scan# 1428

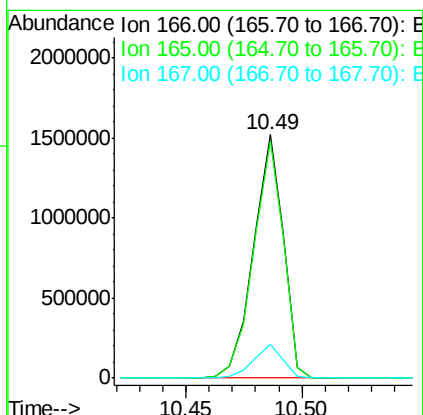
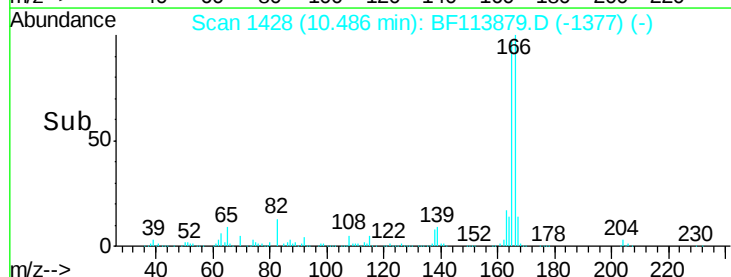
Delta R.T. 0.00 min

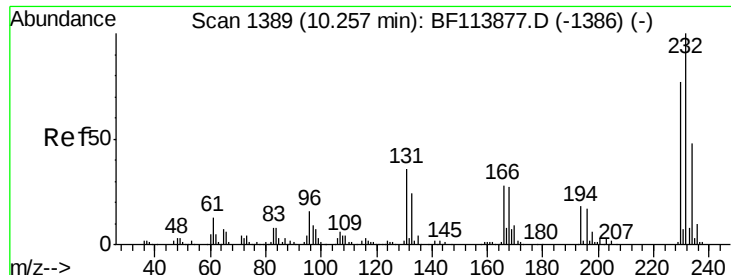
Lab File: BF113879.D

Acq: 22 Apr 2019 14:33



Tgt Ion	Ratio	Resp	Lower	Upper
166	100	1373503		
165	97.3	78.4	117.6	
167	13.8	10.9	16.3	





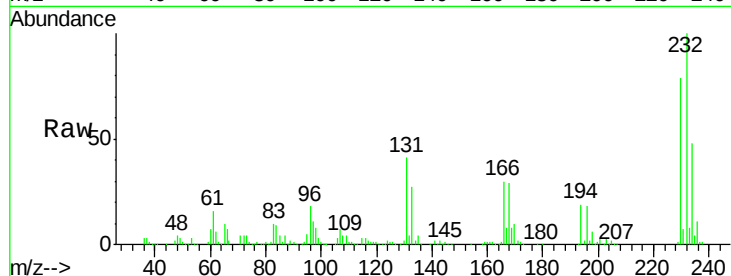
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 64.653 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

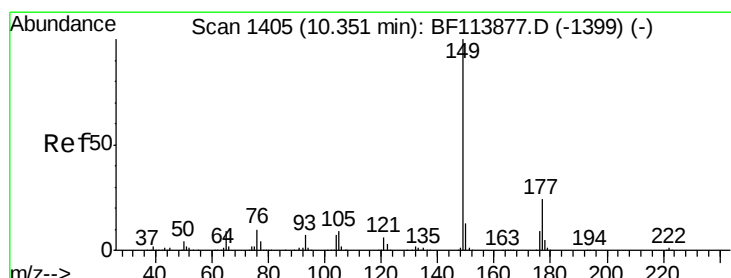
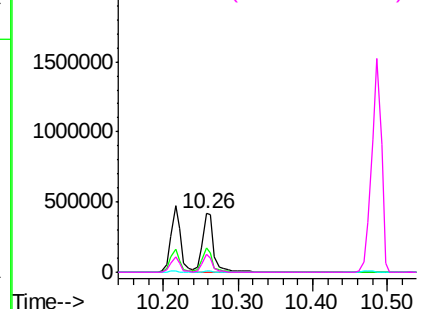
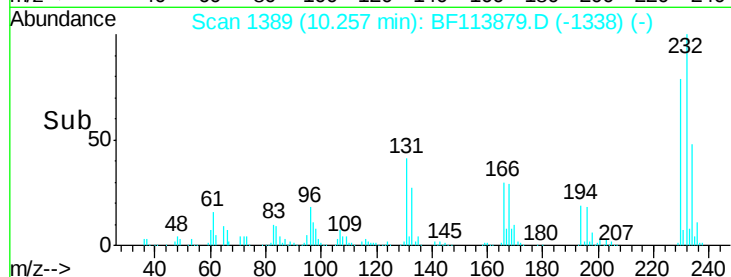
Tgt Ion:	232	Resp:	455546
Ion Ratio	Lower	Upper	
232	100		
131	36.9	30.2	45.2
130	1.8	1.5	2.3
166	26.6	22.2	33.4

Manual Integrations
 APPROVED

Sohil
 4/23/2019 4:07:46 PM

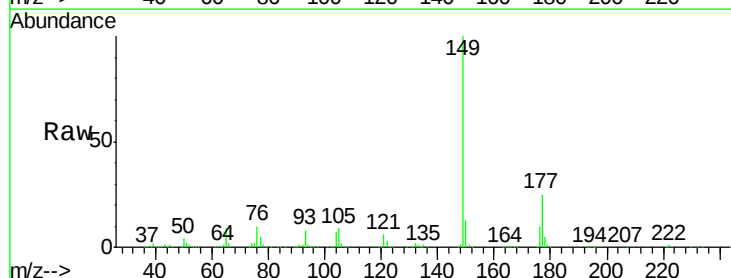


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

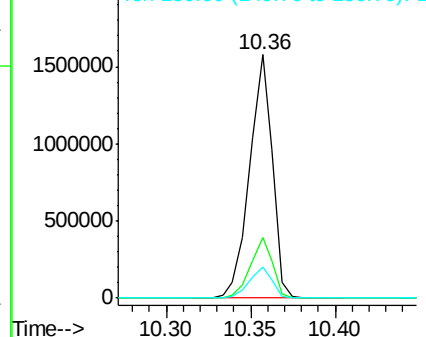
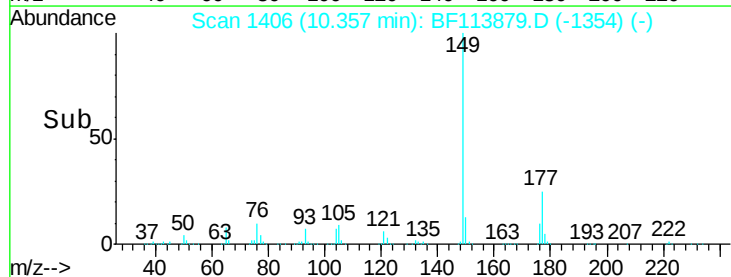


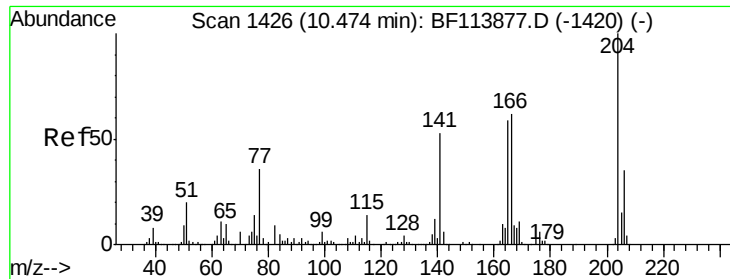
#60
 Diethylphthalate
 Concen: 59.153 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.01 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Tgt Ion:	149	Resp:	1486047
Ion Ratio	Lower	Upper	
149	100		
177	24.6	19.2	28.8
150	12.9	10.3	15.5



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





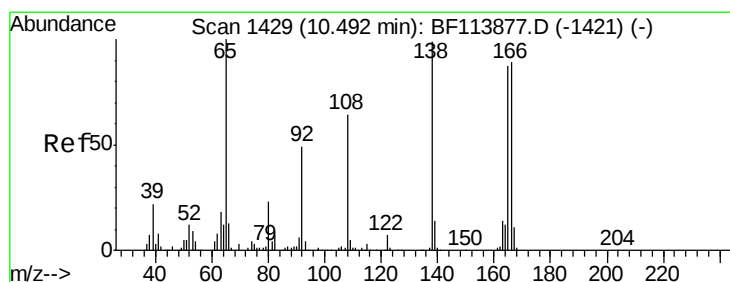
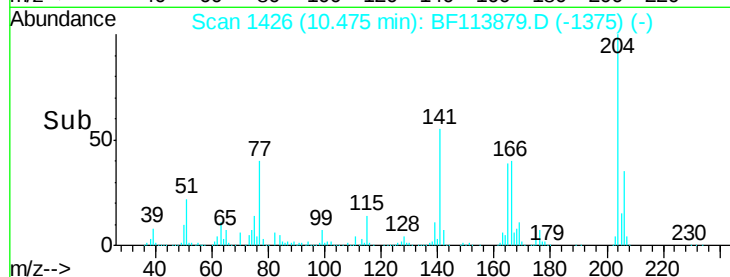
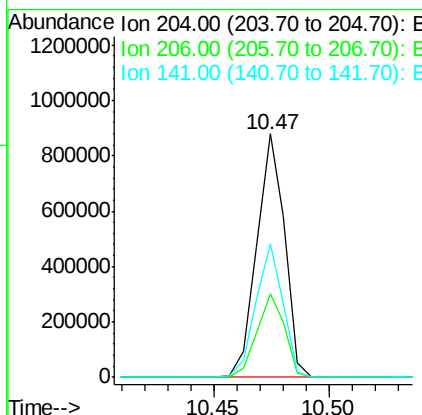
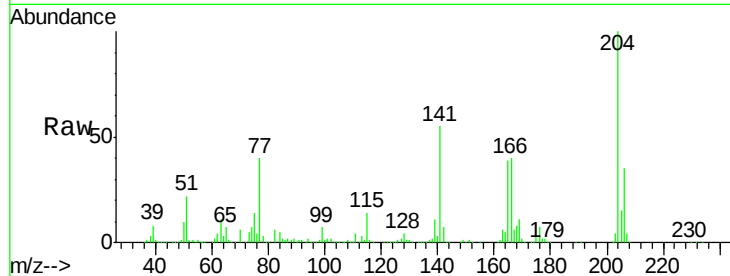
#61
4-Chlorophenyl-phenylether
Concen: 60.438 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.6	27.4	41.2
141	55.1	42.6	63.8

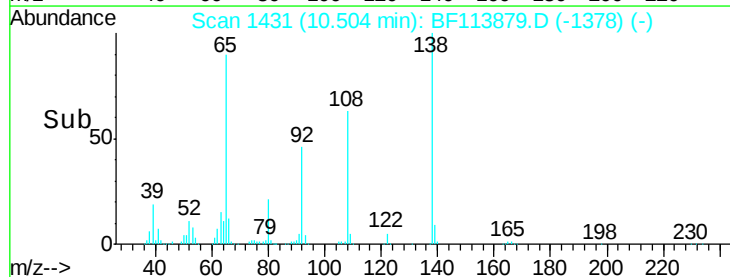
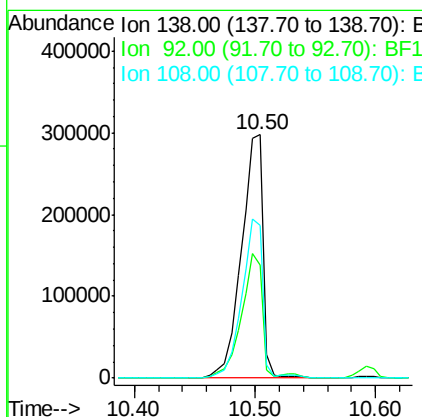
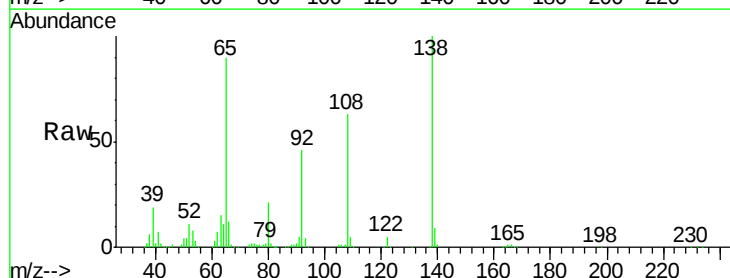
Manual Integrations
APPROVED

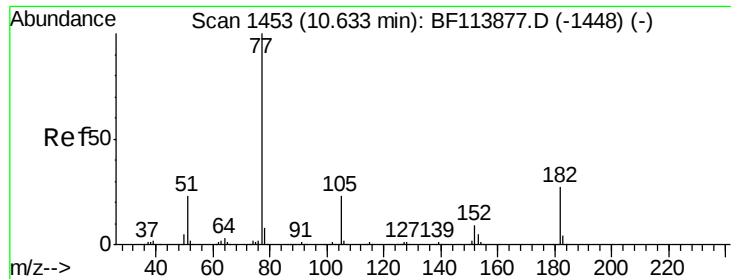
Sohil
4/23/2019 4:07:46 PM



#62
4-Nitroaniline
Concen: 63.077 ng
RT: 10.50 min Scan# 1431
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Lower	Upper
138	100		
92	46.5	31.3	71.3
108	63.0	48.9	88.9





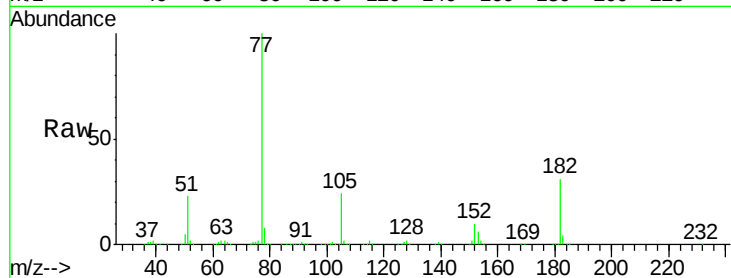
#63
Azobenzene
Concen: 55.866 ng
RT: 10.64 min Scan# 1454
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

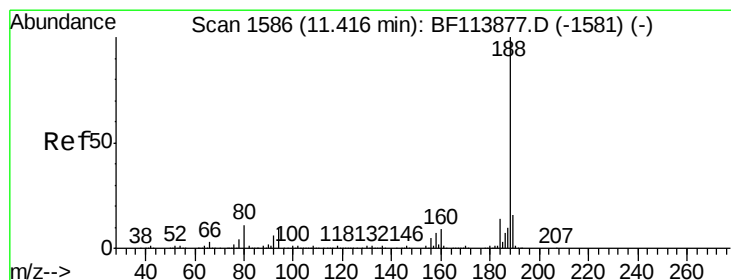
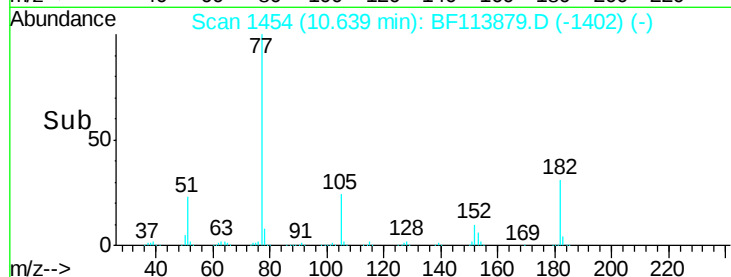
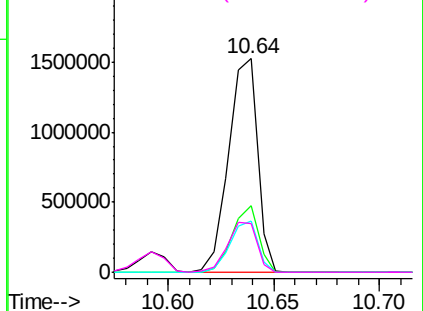
Tgt Ion: 77 Resp: 1442176
Ion Ratio Lower Upper
77 100
182 31.3 4.4 44.4
105 23.9 2.2 42.2
51 22.9 3.9 43.9

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM

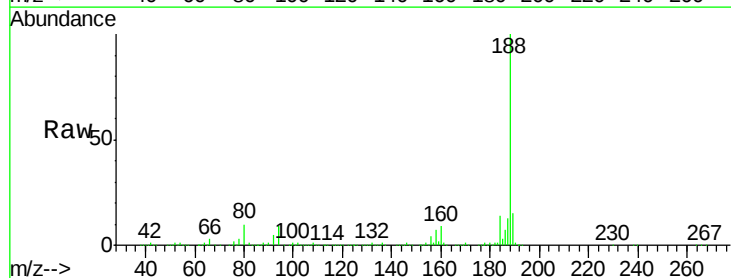


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

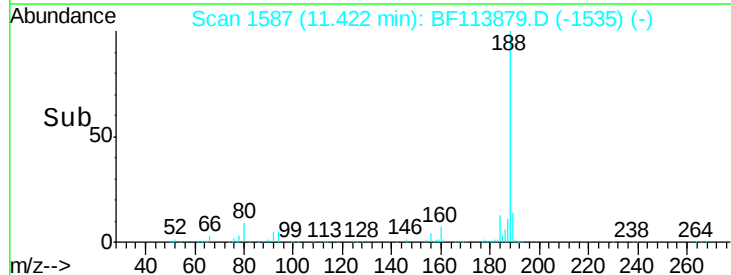
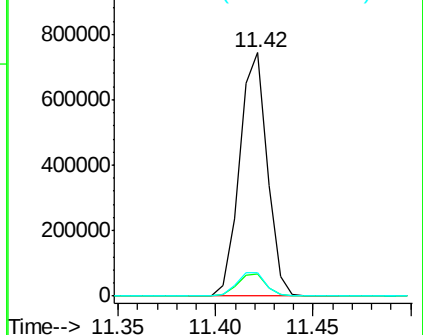


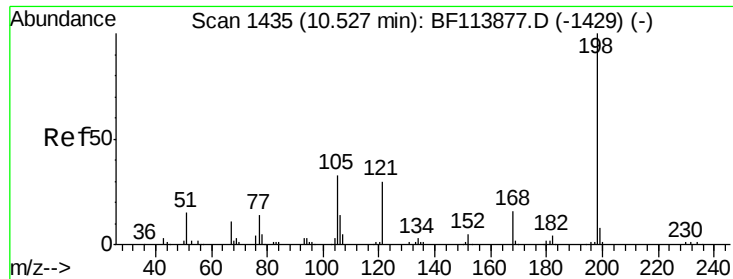
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion: 188 Resp: 731153
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.4
80 9.7 9.0 13.6



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: 76.766 ng

RT: 10.53 min Scan# 1436

Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

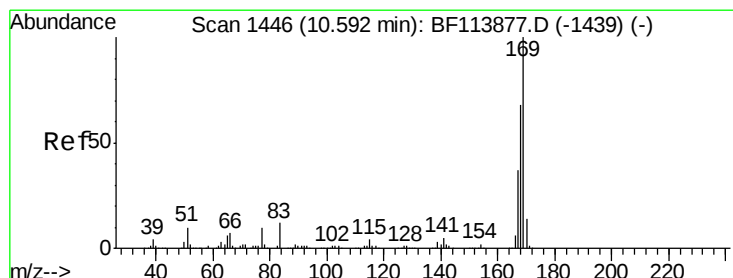
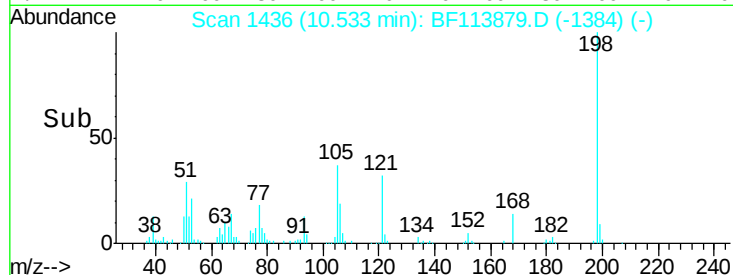
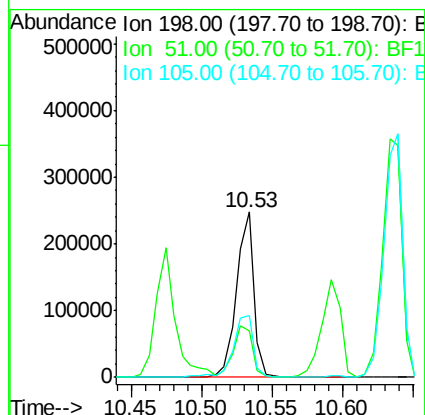
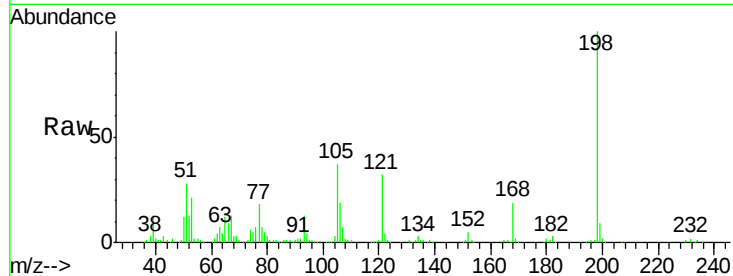
ClientSampleId :

SSTDIC060

Tgt Ion:	198	Resp:	212661
Ion Ratio	Lower	Upper	
198	100		
51	28.3	11.1	51.1
105	37.1	20.7	60.7

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#66

n-Nitrosodiphenylamine

Concen: 57.448 ng

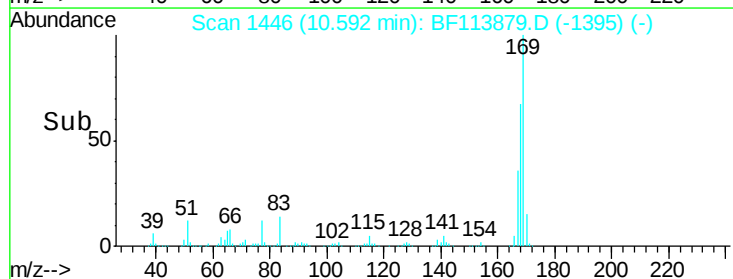
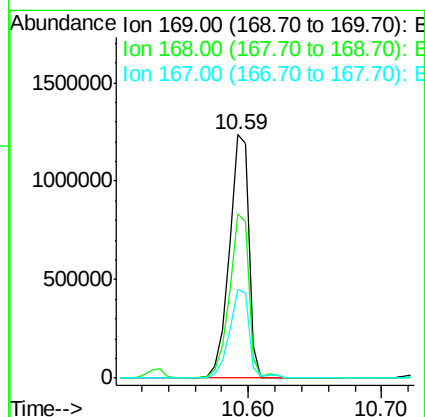
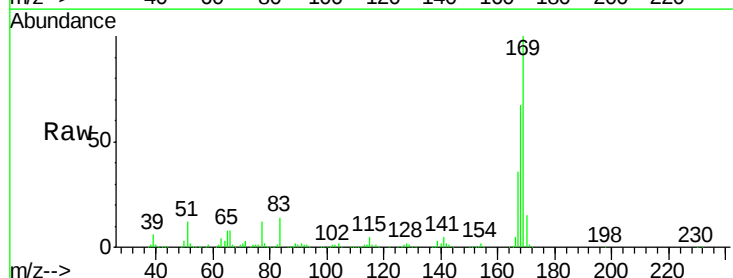
RT: 10.59 min Scan# 1446

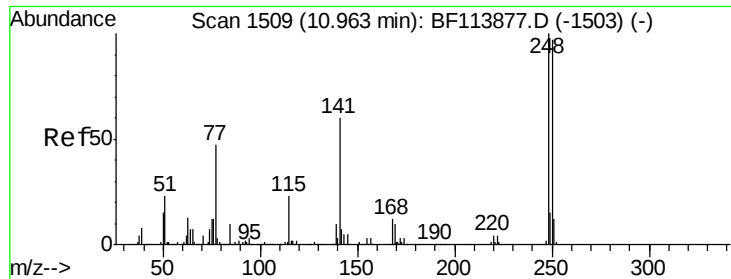
Delta R.T. 0.00 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion:	169	Resp:	1273245
Ion Ratio	Lower	Upper	
169	100		
168	67.3	54.3	81.5
167	36.5	29.4	44.0





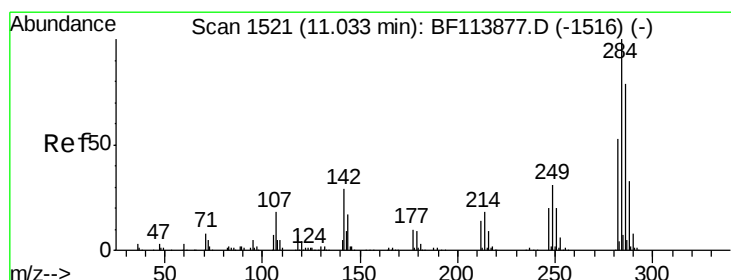
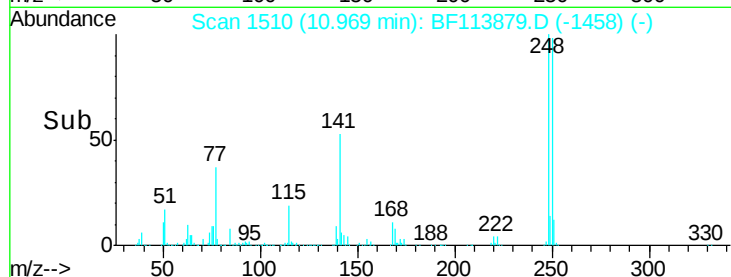
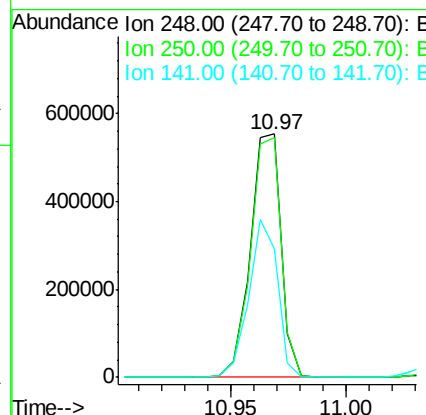
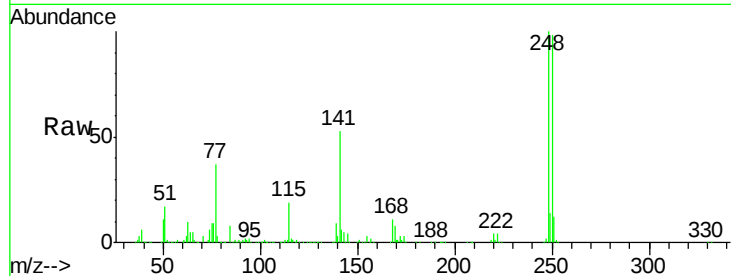
#67
4-Bromophenyl-phenylether
Concen: 60.005 ng
RT: 10.97 min Scan# 1510
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion	Ratio	Resp	Lower	Upper
248	100	515203		
250	98.3	75.8	113.6	
141	52.5	50.2	75.4	

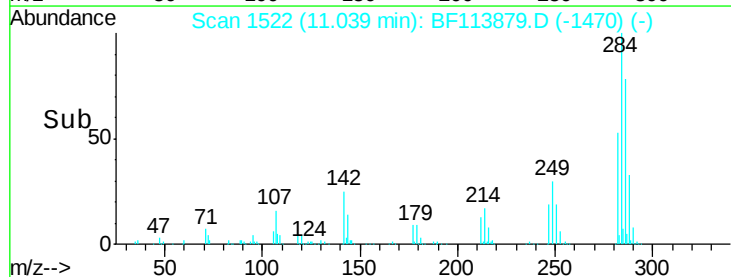
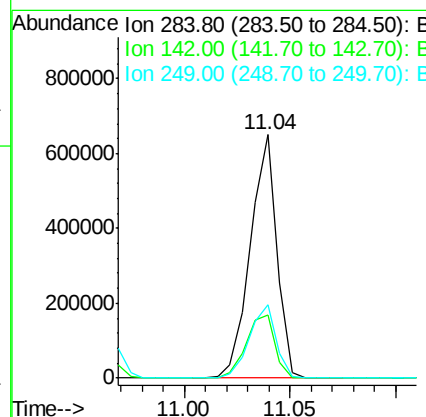
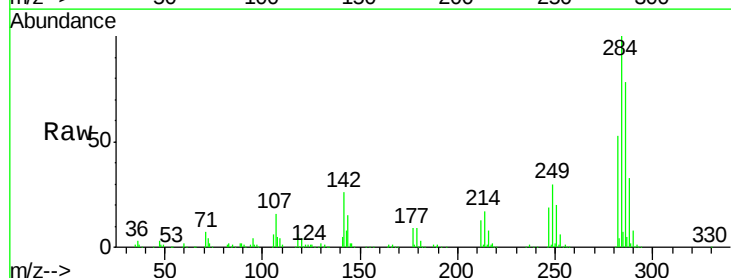
Manual Integrations
APPROVED

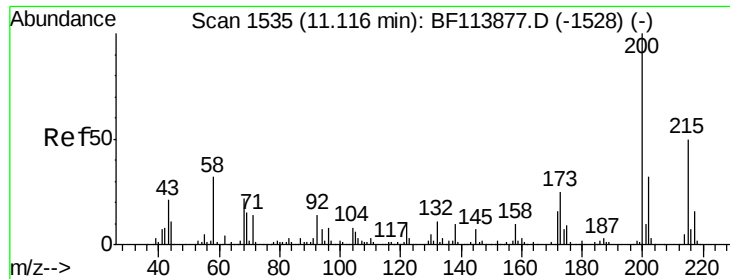
Sohil
4/23/2019 4:07:46 PM



#68
Hexachlorobenzene
Concen: 59.881 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
284	100	565418		
142	26.1	23.0	34.4	
249	30.3	24.4	36.6	





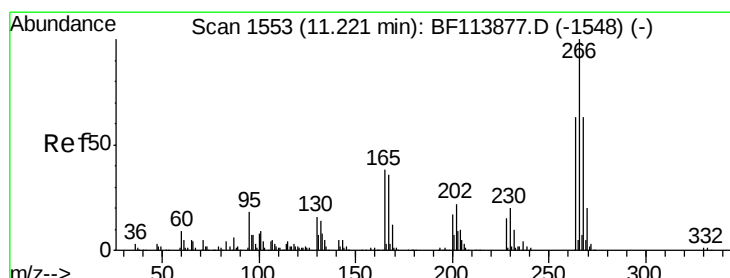
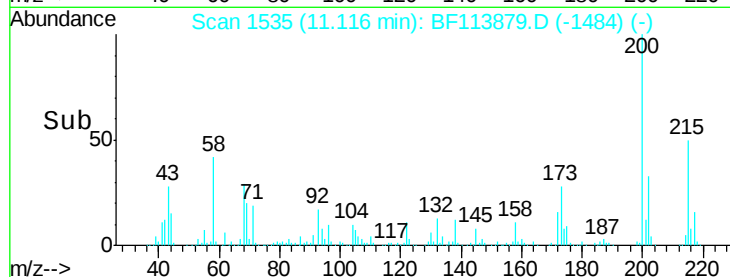
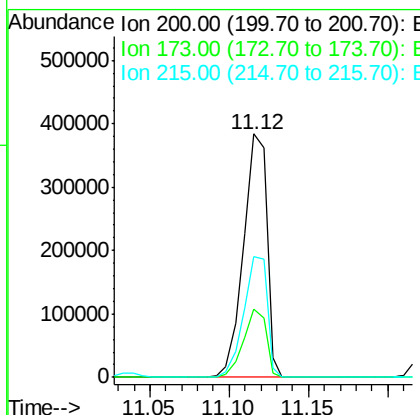
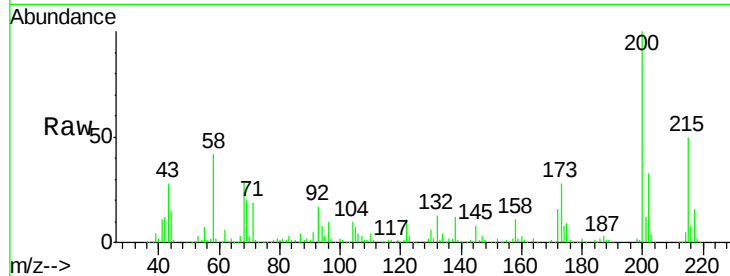
#69
Atrazine
Concen: 57.371 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampled :
SSTDIC060

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	393399		
173	27.8	5.9	45.9	
215	49.5	29.3	69.3	

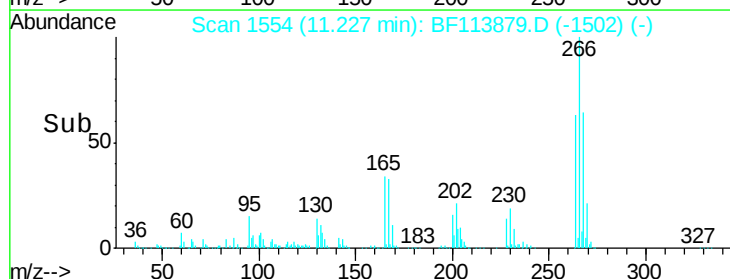
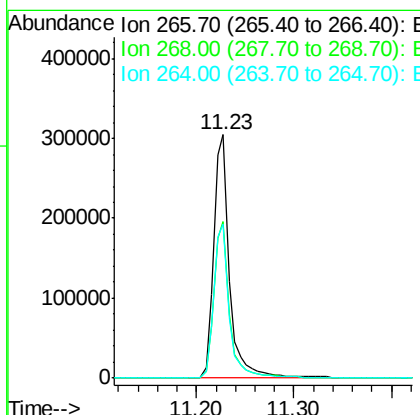
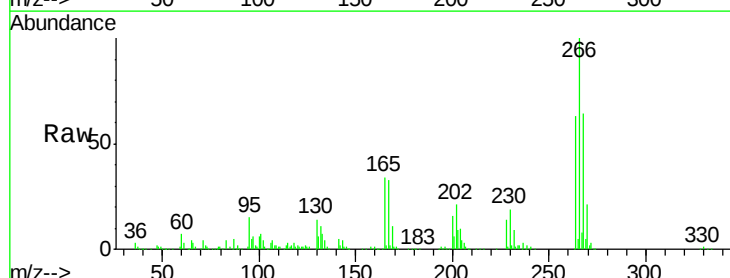
Manual Integrations
APPROVED

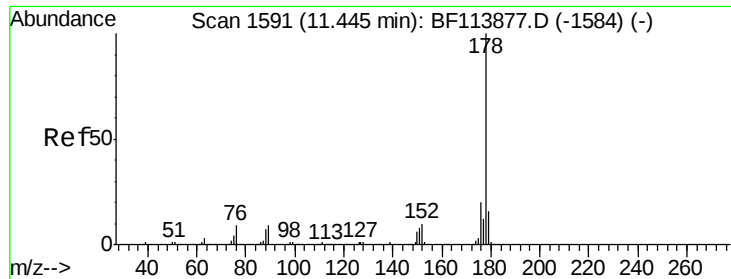
Sohil
4/23/2019 4:07:46 PM



#70
Pentachlorophenol
Concen: 63.959 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	342366		
268	64.2	53.5	80.3	
264	63.3	51.0	76.6	





#71

Phenanthrene

Concen: 55.949 ng

RT: 11.45 min Scan# 1591

Delta R.T. 0.00 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:178 Resp: 2083453

Ion Ratio Lower Upper

178 100

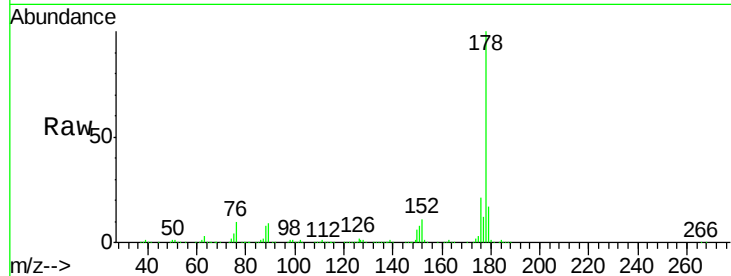
176 21.0 16.1 24.1

179 16.8 12.8 19.2

Manual Integrations
APPROVED

Sohil

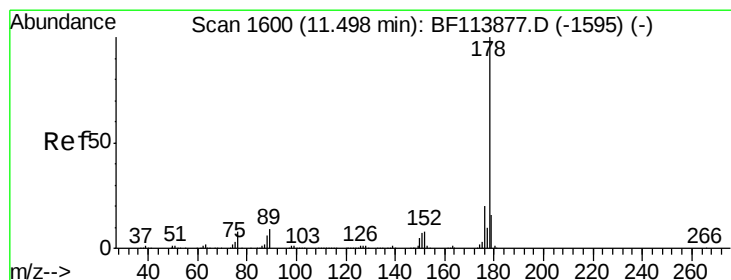
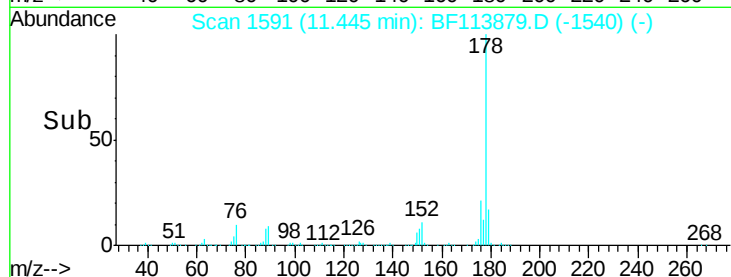
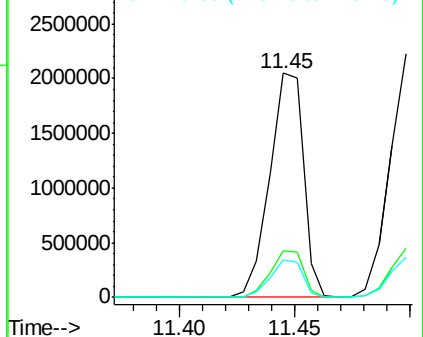
4/23/2019 4:07:46 PM



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: 56.464 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion:178 Resp: 2118794

Ion Ratio Lower Upper

178 100

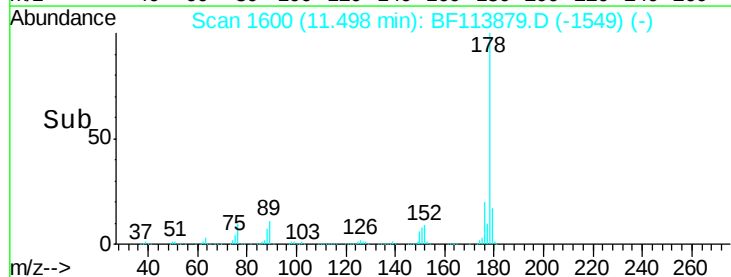
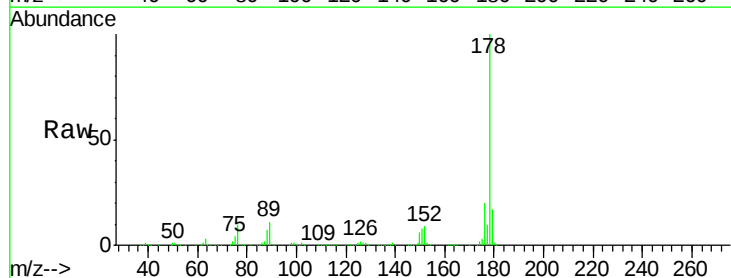
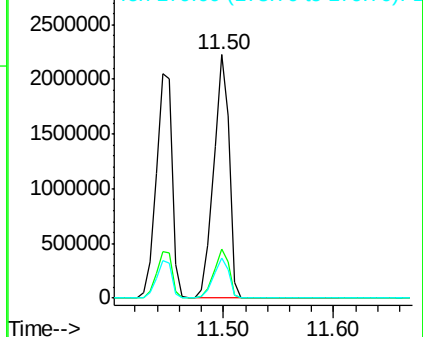
176 20.0 15.7 23.5

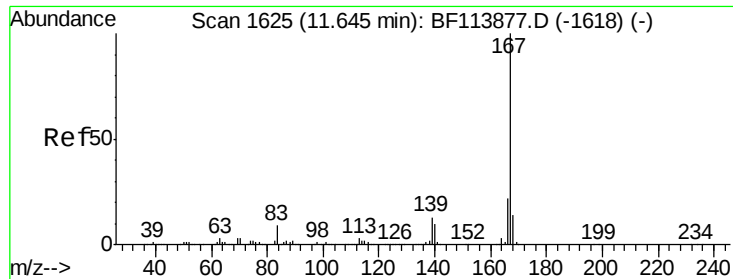
179 16.7 13.0 19.4

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: 55.494 ng

RT: 11.65 min Scan# 1625

Delta R.T. 0.00 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

ClientSampleId :

SSTDICC060

Tgt Ion:167 Resp: 1890677

Ion Ratio Lower Upper

167 100

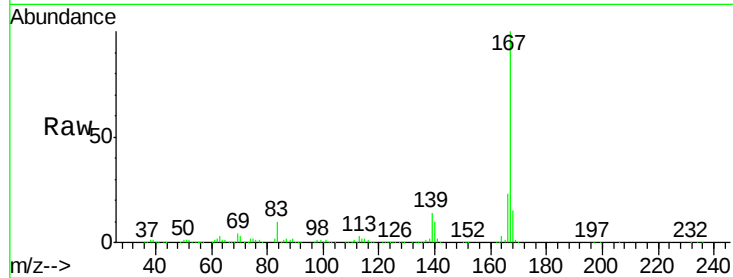
166 22.7 17.7 26.5

139 13.5 10.0 15.0

Manual Integrations
APPROVED

Sohil

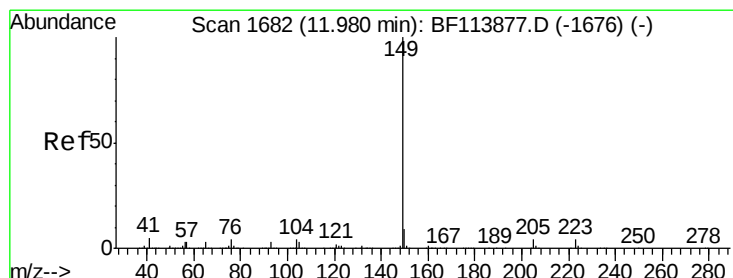
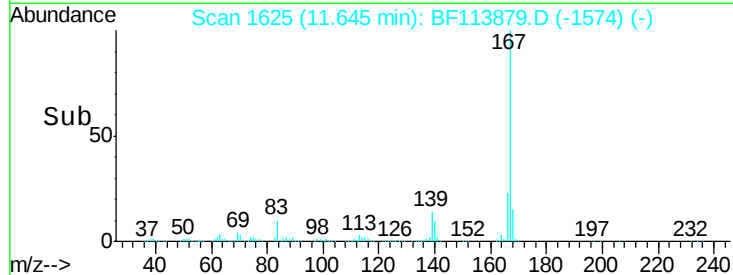
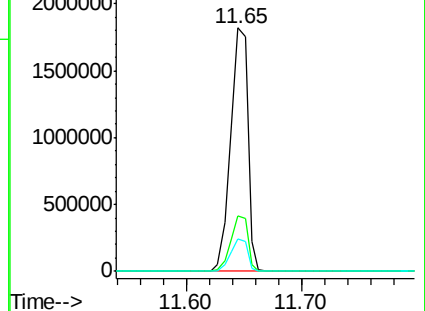
4/23/2019 4:07:46 PM



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 58.500 ng

RT: 11.98 min Scan# 1682

Delta R.T. 0.00 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

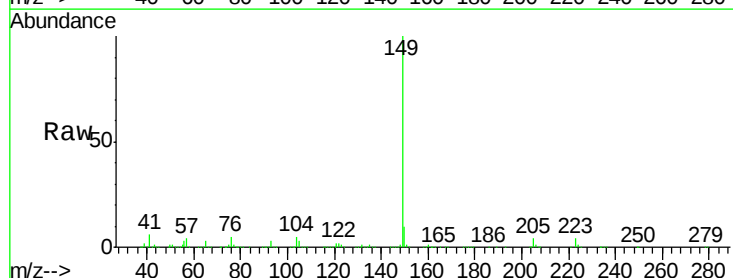
Tgt Ion:149 Resp: 2218213

Ion Ratio Lower Upper

149 100

150 10.3 7.8 11.8

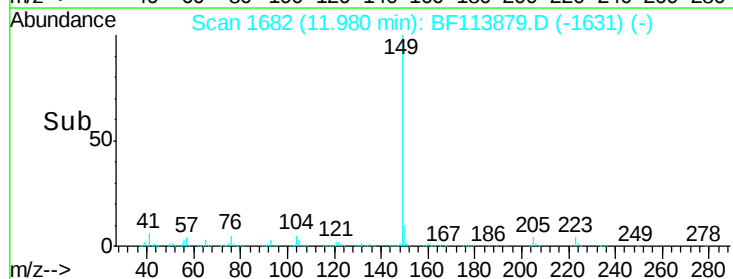
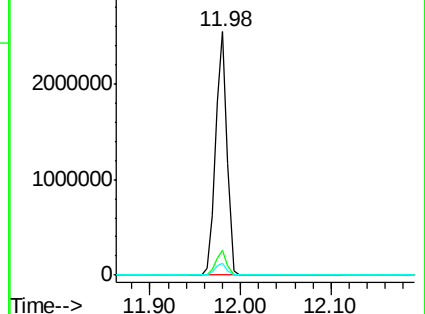
104 5.1 3.8 5.8

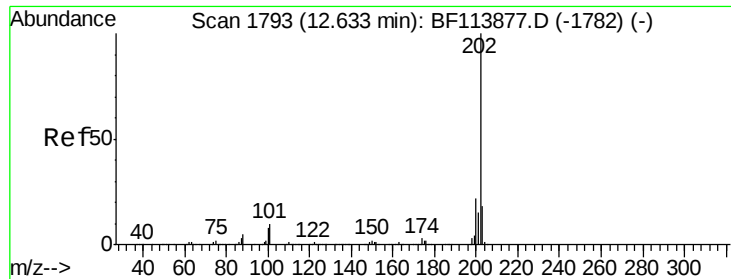


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 55.656 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

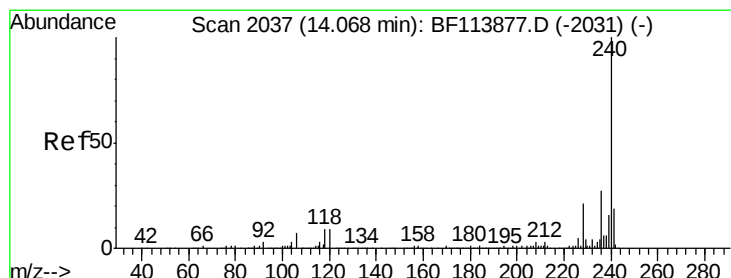
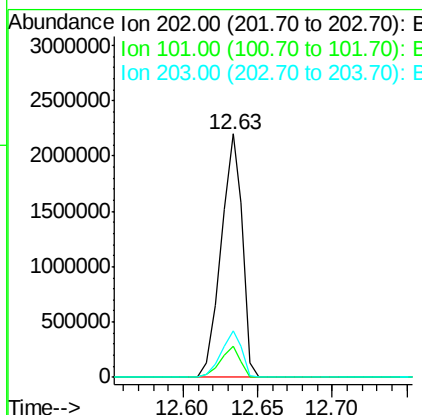
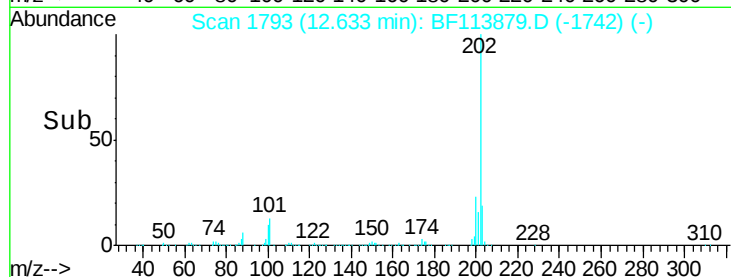
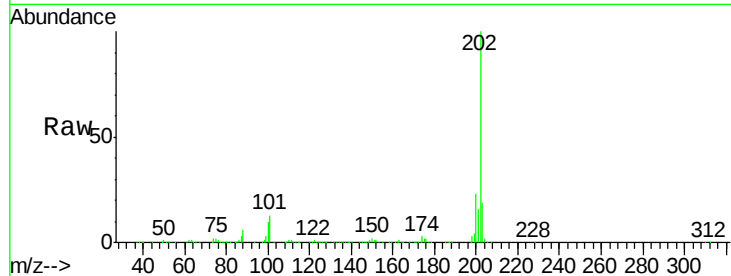
ClientSampleId :

SSTDICC060

Tgt Ion:	202	Resp:	2196481
Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.9
203	19.0	0.0	38.2

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#76

Chrysene-d12

Concen: 20.000 ng

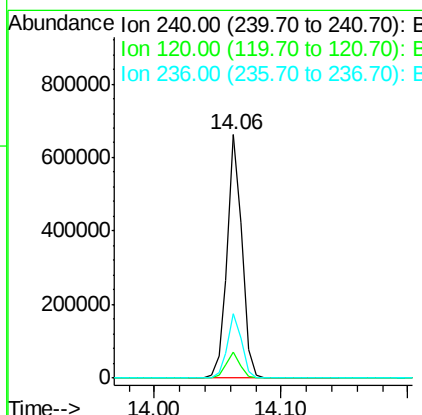
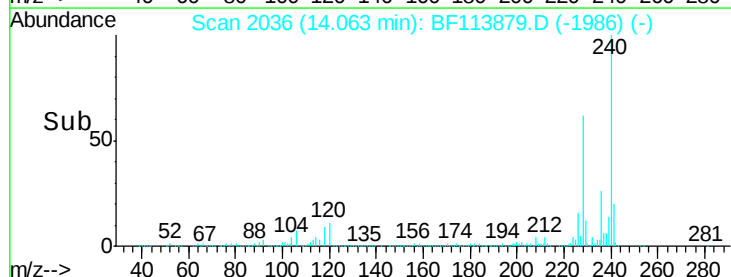
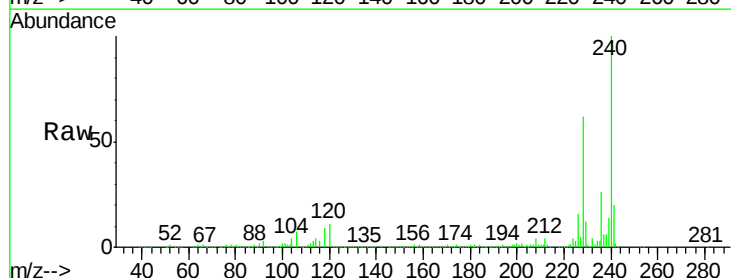
RT: 14.06 min Scan# 2036

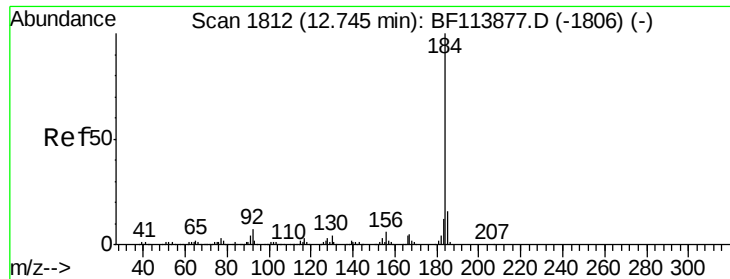
Delta R.T. -0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion:	240	Resp:	533080
Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.3	13.9
236	26.4	21.2	31.8





#77

Benzidine

Concen: 47.082 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

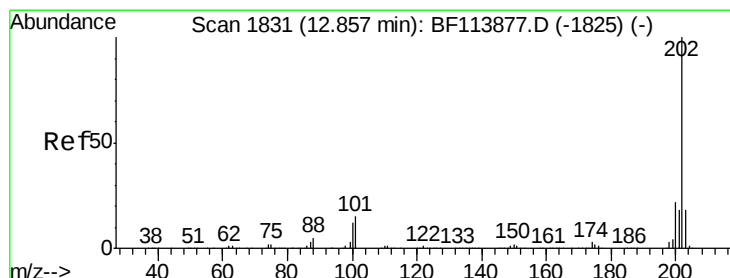
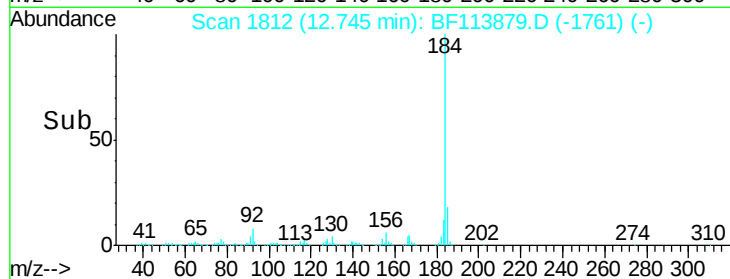
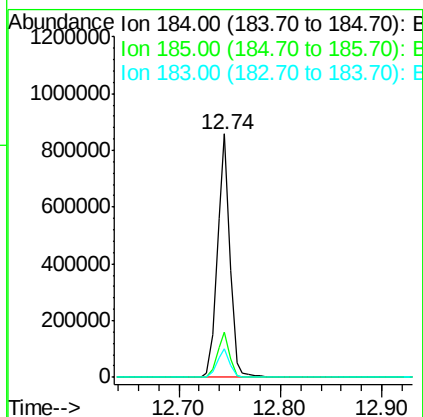
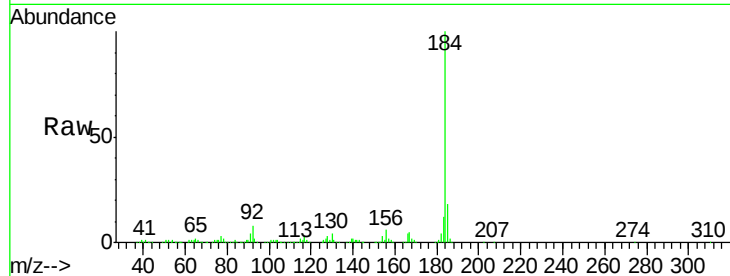
ClientSampleId :

SSTDICC060

Tgt Ion:	184	Resp:	726557
Ion Ratio	Lower	Upper	
184	100		
185	18.5	13.0	19.6
183	11.7	9.4	14.0

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#78

Pyrene

Concen: 58.746 ng

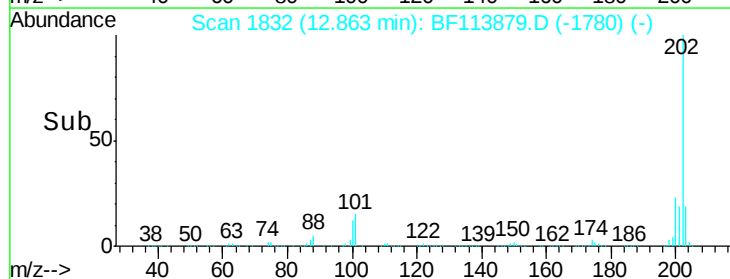
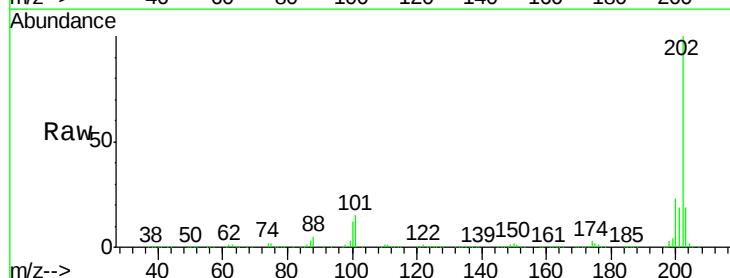
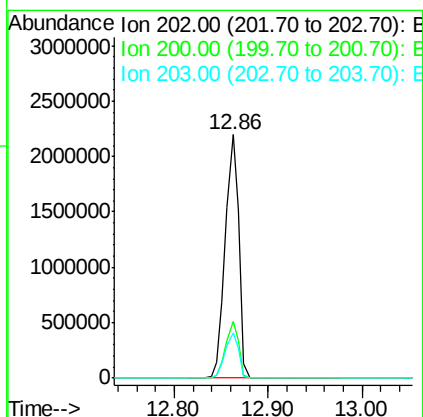
RT: 12.86 min Scan# 1832

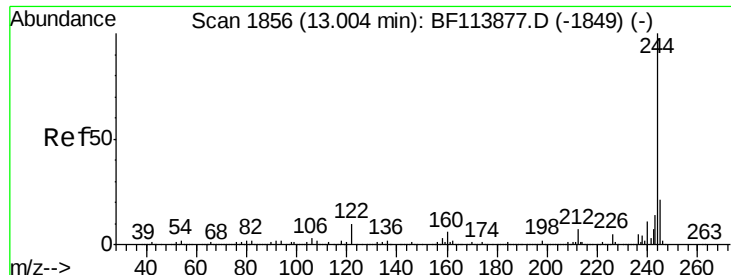
Delta R.T. 0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion:	202	Resp:	2207051
Ion Ratio	Lower	Upper	
202	100		
200	23.4	17.7	26.5
203	18.7	15.0	22.6





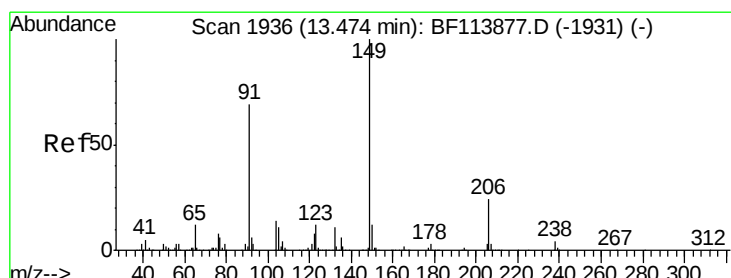
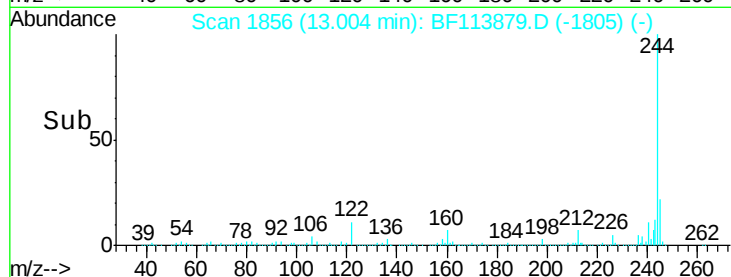
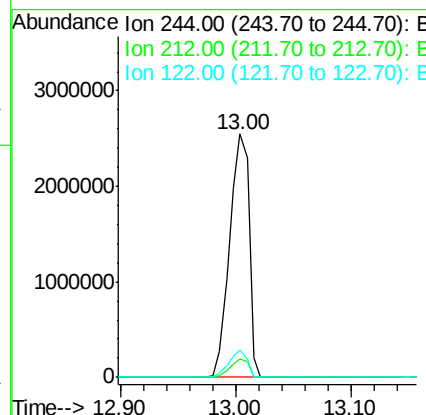
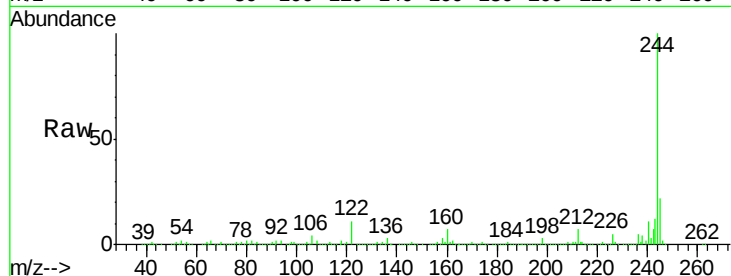
#79
 Terphenyl-d14
 Concen: 116.679 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. 0.00 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC060

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.4	8.2
122	11.2	7.6	11.4

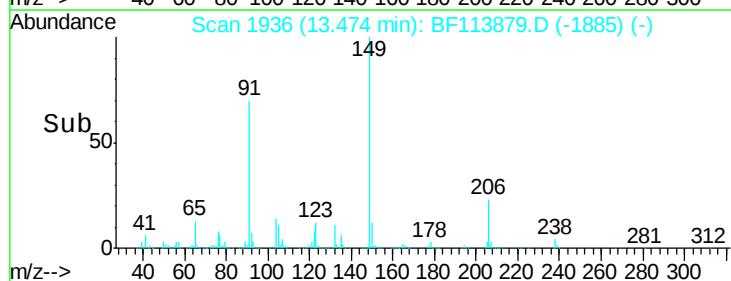
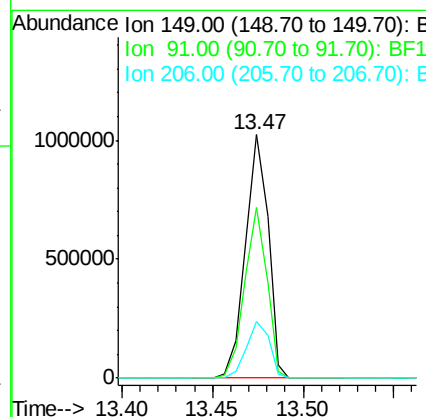
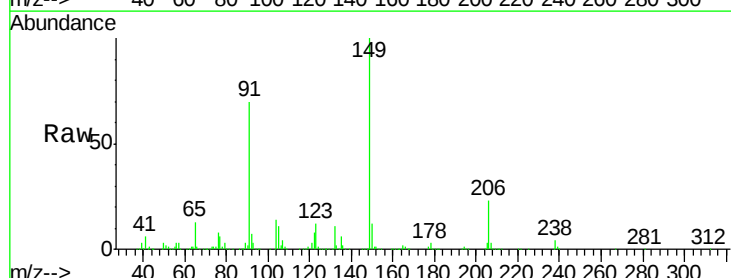
Manual Integrations
 APPROVED

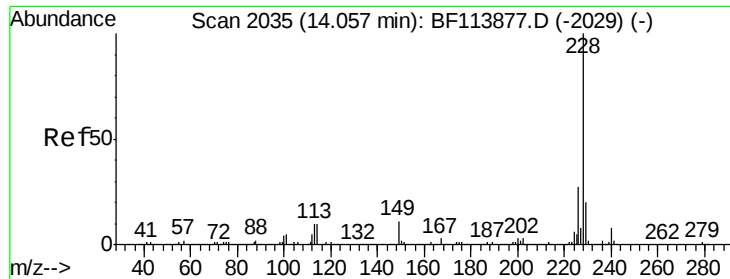
Sohil
 4/23/2019 4:07:46 PM



#80
 Butylbenzylphthalate
 Concen: 64.165 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. 0.00 min
 Lab File: BF113879.D
 Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.3	56.3	84.5
206	23.2	19.0	28.6





#81

Benzo(a)anthracene

Concen: 58.253 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

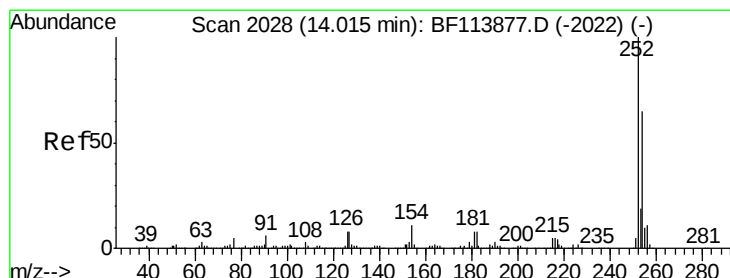
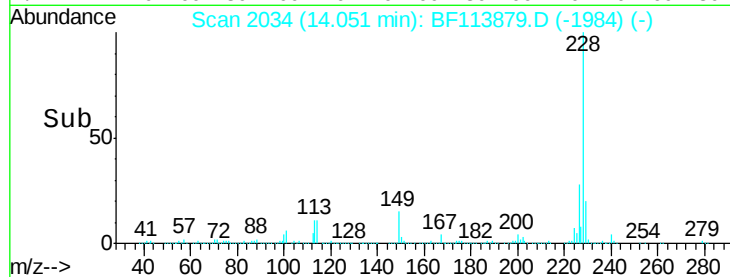
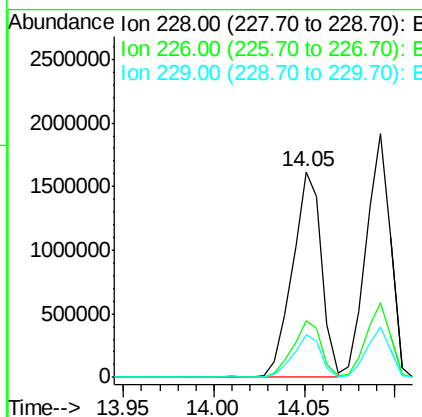
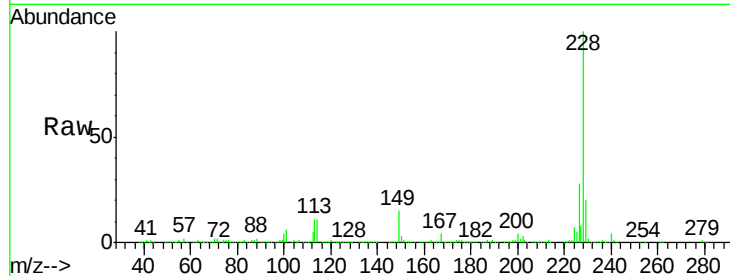
ClientSampleId :

SSTDICC060

Tgt Ion:	228	Resp:	1815250
Ion Ratio	Lower	Upper	
228	100		
226	27.8	22.2	33.2
229	20.5	16.0	24.0

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#82

3,3'-Dichlorobenzidine

Concen: 58.999 ng

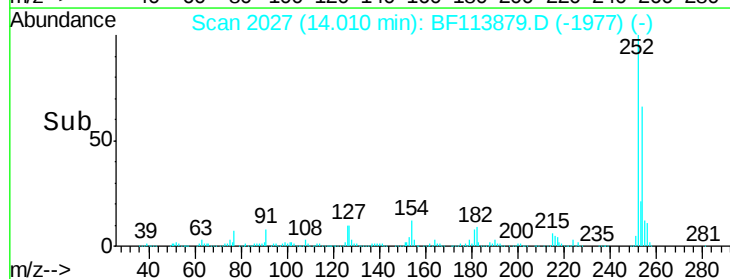
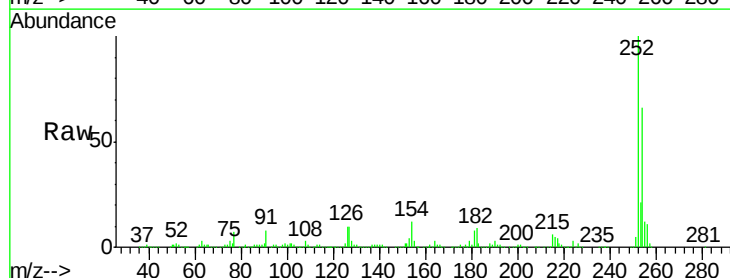
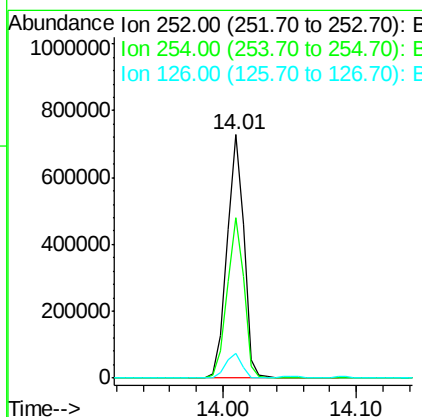
RT: 14.01 min Scan# 2027

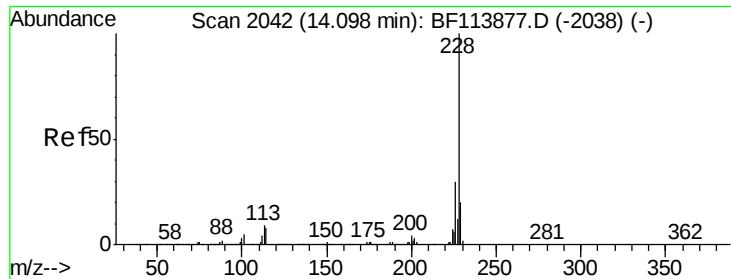
Delta R.T. -0.01 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion:	252	Resp:	653447
Ion Ratio	Lower	Upper	
252	100		
254	65.7	52.1	78.1
126	10.0	9.3	13.9





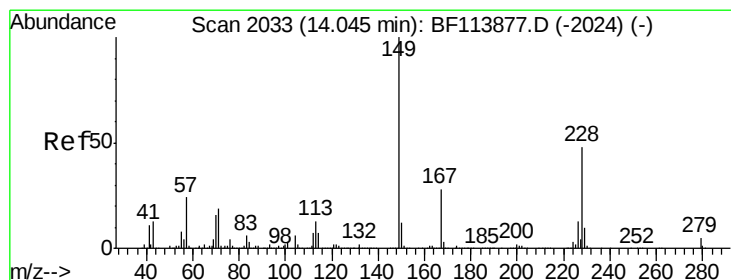
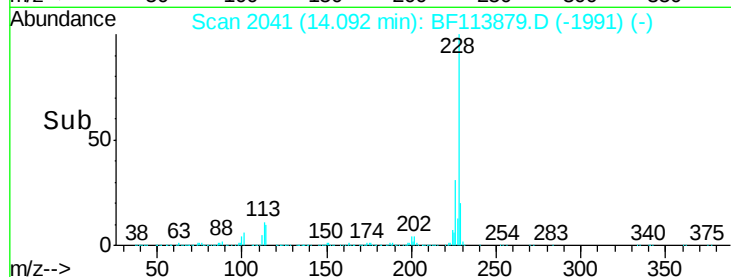
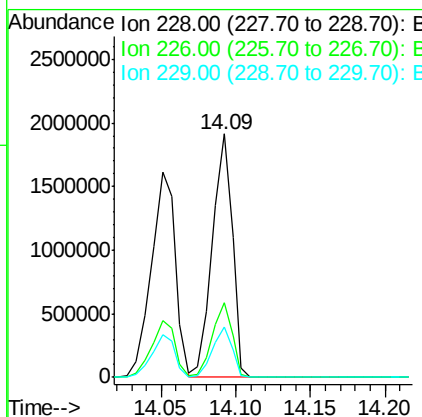
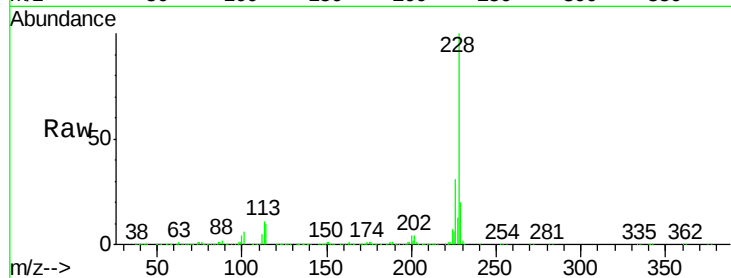
#83
Chrysene
Concen: 57.736 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Tgt Ion:228 Resp: 1785745
Ion Ratio Lower Upper
228 100
226 30.8 25.2 37.8
229 20.5 16.7 25.1

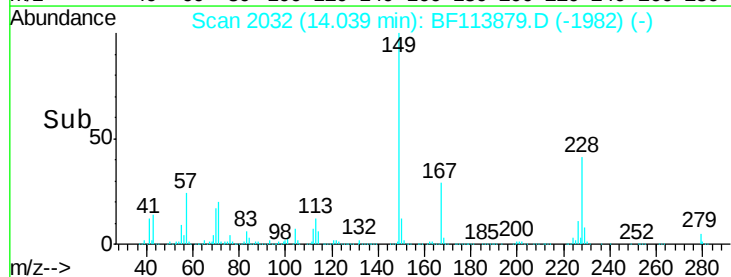
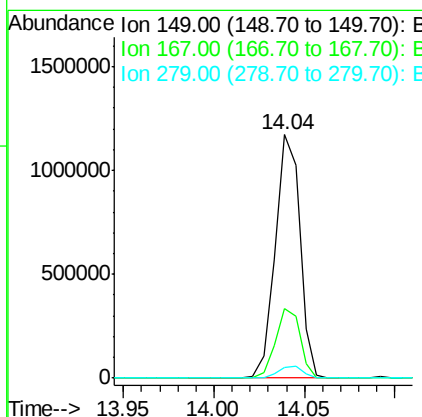
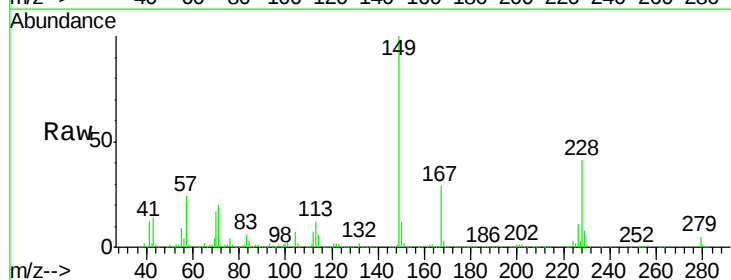
Manual Integrations
APPROVED

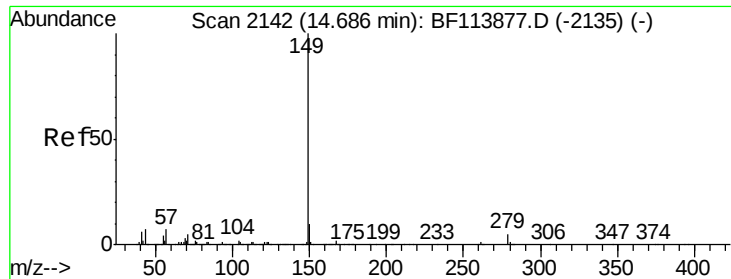
Sohil
4/23/2019 4:07:46 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 66.660 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion:149 Resp: 1109853
Ion Ratio Lower Upper
149 100
167 28.7 22.9 34.3
279 4.5 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 66.504 ng

RT: 14.67 min Scan# 2139

Delta R.T. -0.02 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

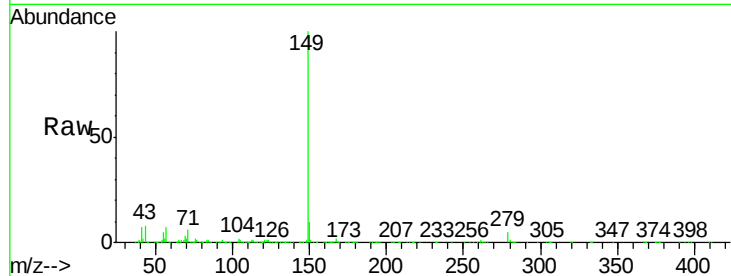
ClientSampleId :

SSTDICC060

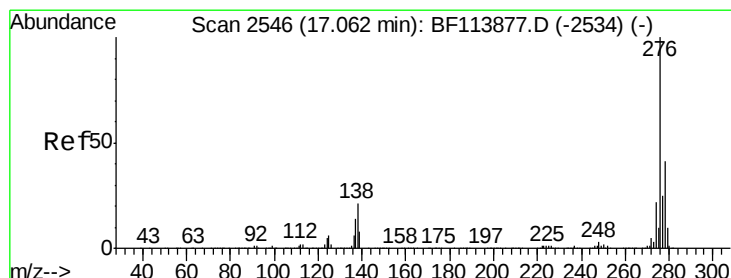
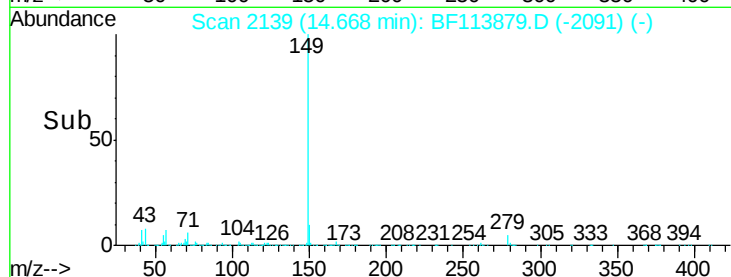
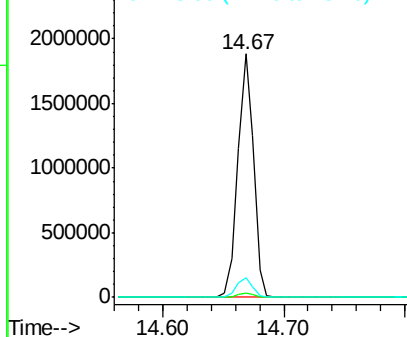
Tgt Ion:	149	Resp:	1717957
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	8.1	6.6	10.0

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 67.354 ng

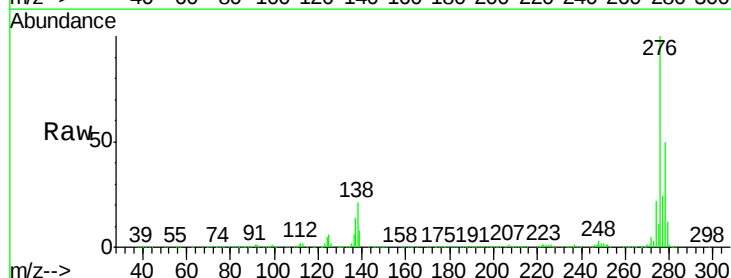
RT: 17.05 min Scan# 2544

Delta R.T. -0.01 min

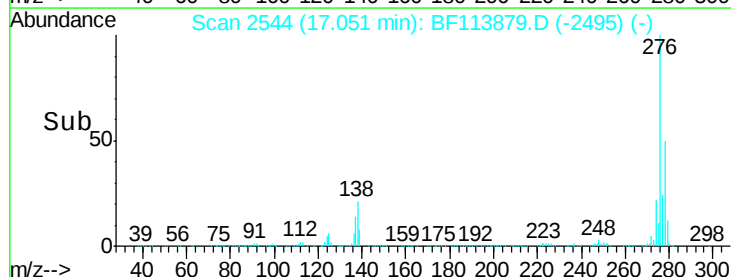
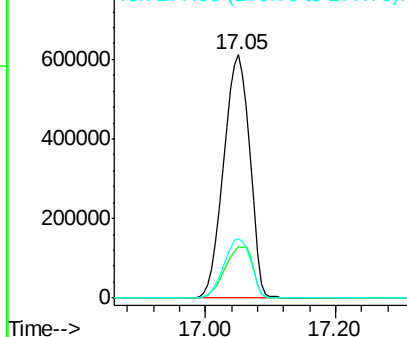
Lab File: BF113879.D

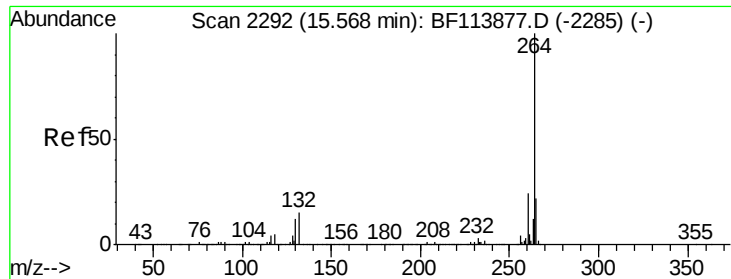
Acq: 22 Apr 2019 14:33

Tgt Ion:	276	Resp:	1700642
Ion Ratio	Lower	Upper	
276	100		
138	22.6	19.6	29.4
277	25.1	20.2	30.4



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





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.55 min Scan# 2289

Delta R.T. -0.02 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Instrument :

BNA_F

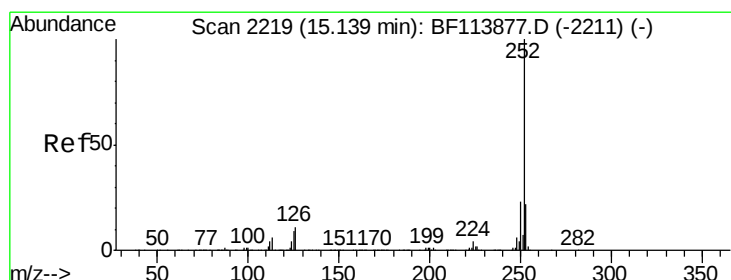
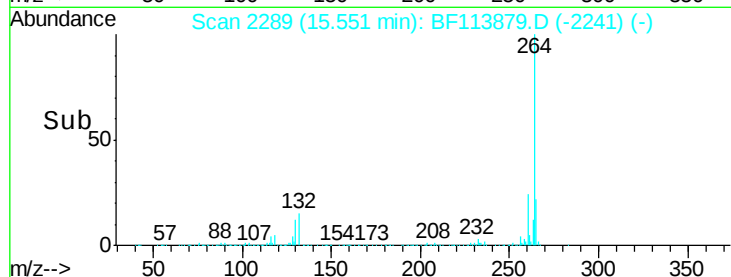
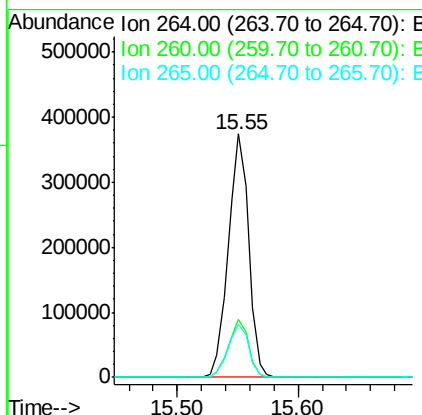
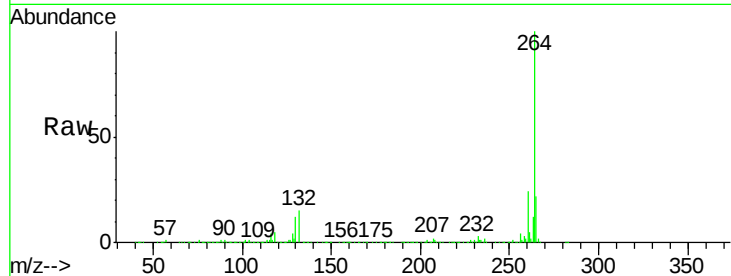
ClientSampleId :

SSTDICC060

Tgt Ion:	264	Resp:	438693
Ion Ratio	Lower	Upper	
264	100		
260	23.7	18.9	28.3
265	21.8	17.3	25.9

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#88

Benzo(b)fluoranthene

Concen: 62.568 ng

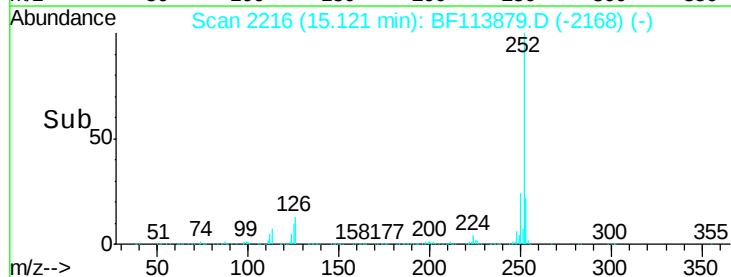
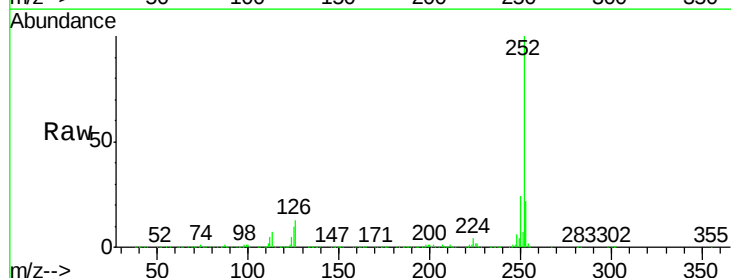
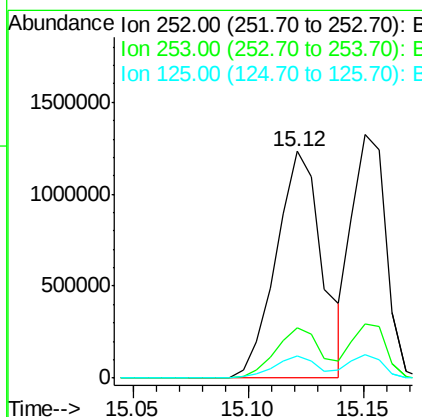
RT: 15.12 min Scan# 2216

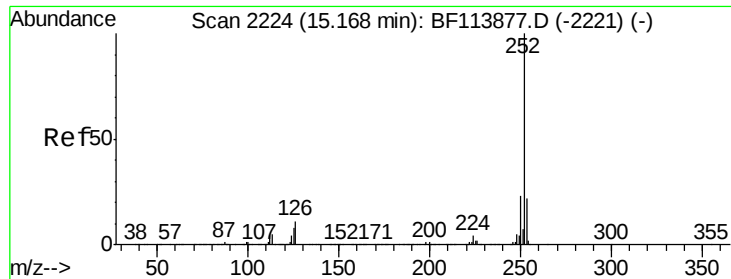
Delta R.T. -0.02 min

Lab File: BF113879.D

Acq: 22 Apr 2019 14:33

Tgt Ion:	252	Resp:	1711122
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.8	26.6
125	9.7	7.0	10.6





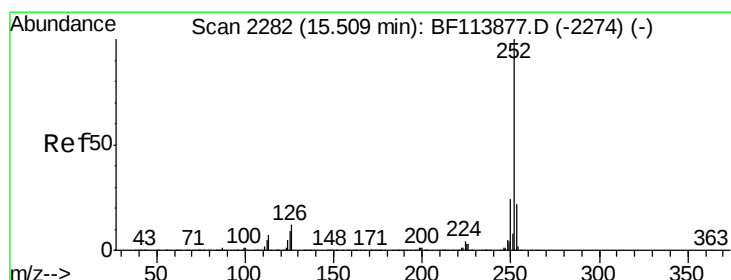
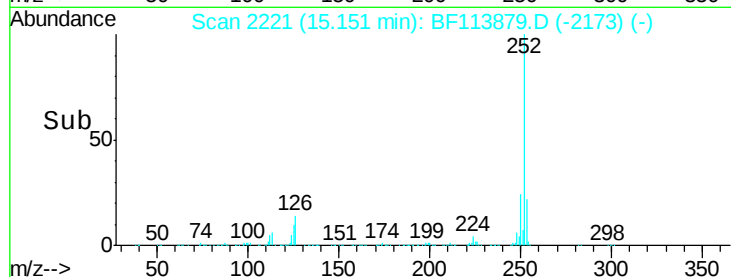
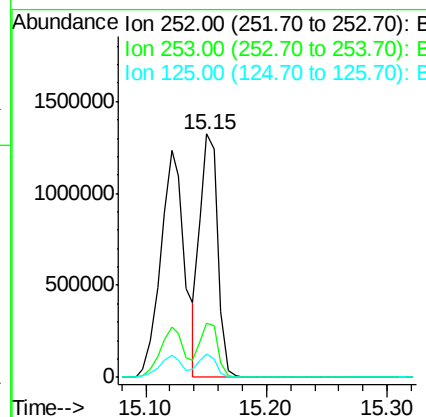
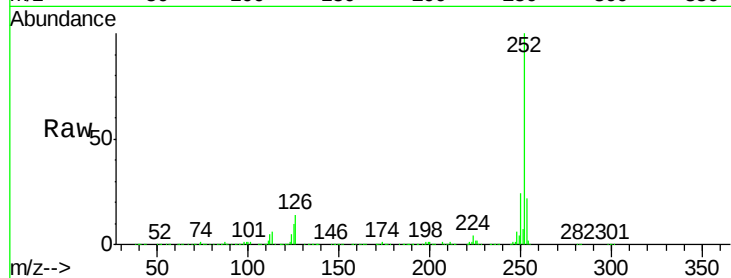
#89
Benzo(k)fluoranthene
Concen: 54.549 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampleId :
SSTDIC060

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.2	27.2
125	9.8	7.4	11.2

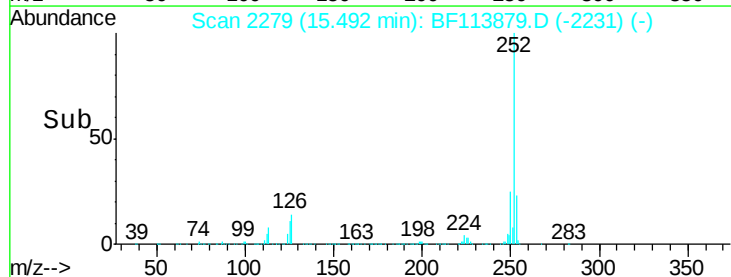
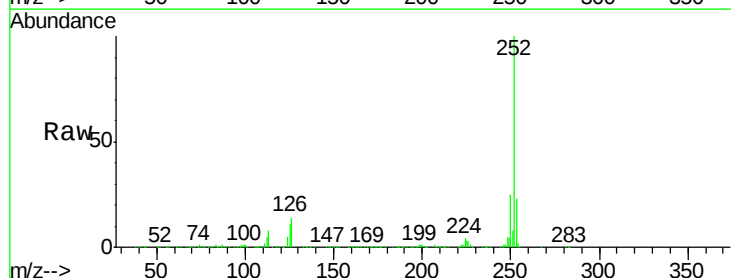
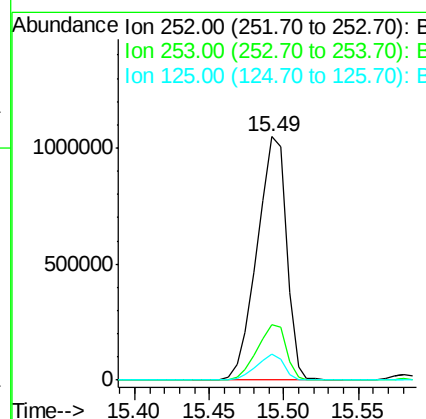
Manual Integrations
APPROVED

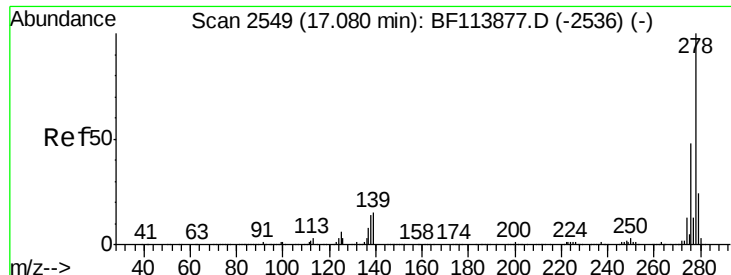
Sohil
4/23/2019 4:07:46 PM



#90
Benzo(a)pyrene
Concen: 58.839 ng
RT: 15.49 min Scan# 2279
Delta R.T. -0.02 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	10.8	8.5	12.7





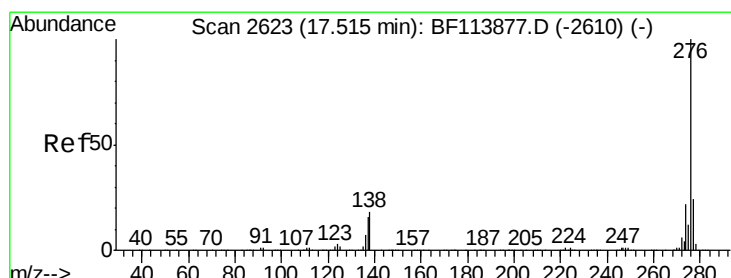
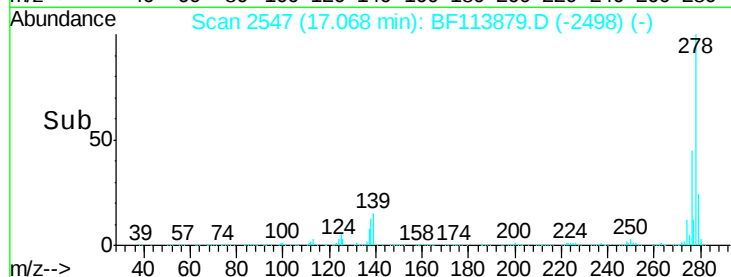
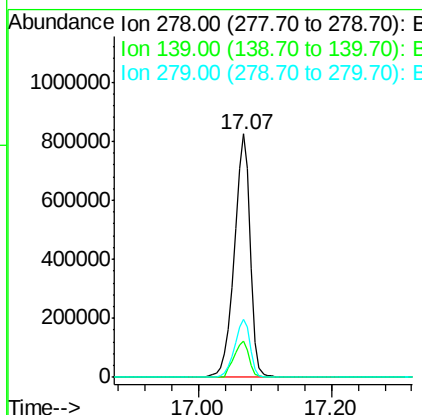
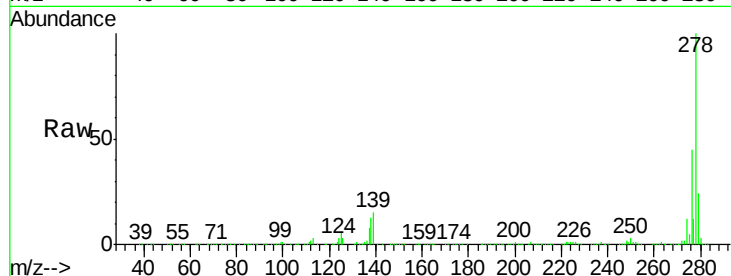
#91
Dibenzo(a,h)anthracene
Concen: 64.426 ng
RT: 17.07 min Scan# 2547
Delta R.T. -0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Instrument :
BNA_F
ClientSampled :
SSTDICC060

Tgt Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.6	17.4
279	23.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/23/2019 4:07:46 PM



#92
Benzo(g,h,i)perylene
Concen: 64.589 ng
RT: 17.50 min Scan# 2621
Delta R.T. -0.01 min
Lab File: BF113879.D
Acq: 22 Apr 2019 14:33

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.0	28.4
138	19.3	16.6	25.0

