

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113955.D
 Acq On : 24 Apr 2019 12:31
 Operator : JU/SJ
 Sample : K2515-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-10MSD

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:26:59 PM

Quant Time: Apr 25 05:19:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139867	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	516917	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	266870	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	516844	20.00	ng	0.00
76) Chrysene-d12	14.06	240	323282	20.00	ng	-0.01
87) Perylene-d12	15.54	264	354927	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	960654	117.47	ng	0.01
7) Phenol-d6	6.53	99	1252795	122.11	ng	0.01
23) Nitrobenzene-d5	7.46	82	765931	91.49	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	402057	123.67	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1500257	87.92	ng	0.00
79) Terphenyl-d14	13.00	244	1599310	101.42	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.74	88	136791	35.485	ng	95
3) Pyridine	3.50	79	358249	34.047	ng	98
4) n-Nitrosodimethylamine	3.44	42	139328	38.682	ng	99
6) Aniline	6.56	93	246604	17.504	ng	95
8) 2-Chlorophenol	6.69	128	382324	40.950	ng	97
9) Benzaldehyde	6.44	77	104976	13.558	ng	99
10) Phenol	6.55	94	478255	38.983	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	374328	40.546	ng	95
12) 1,3-Dichlorobenzene	6.84	146	431149	40.774	ng	100
13) 1,4-Dichlorobenzene	6.92	146	439895	41.361	ng	99
14) 1,2-Dichlorobenzene	7.07	146	411369	42.086	ng	100
15) Benzyl Alcohol	7.03	79	289942	41.960	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	429323	39.837	ng	90
17) 2-Methylphenol	7.15	107	355060	43.385	ng	98
18) Hexachloroethane	7.41	117	150909	40.477	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	268241	40.372	ng	99
20) 3+4-Methylphenols	7.30	107	404776	43.777	ng	# 80
22) Acetophenone	7.30	105	530128	46.086	ng	# 95
24) Nitrobenzene	7.47	77	418337	45.222	ng	99
25) Isophorone	7.72	82	741403	43.280	ng	100
26) 2-Nitrophenol	7.79	139	208592	49.427	ng	97
27) 2,4-Dimethylphenol	7.83	122	312004	45.377	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	470727	43.123	ng	99
29) 2,4-Dichlorophenol	8.03	162	354175	45.045	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	392309	44.748	ng	98
31) Naphthalene	8.20	128	1113101	45.328	ng	99
32) Benzoic acid	7.92	122	62556m	13.472	ng	
33) 4-Chloroaniline	8.24	127	98626	9.492	ng	96
34) Hexachlorobutadiene	8.32	225	235907	43.165	ng	99
35) Caprolactam	8.61	113	99190m	39.657	ng	
36) 4-Chloro-3-methylphenol	8.73	107	349484	44.864	ng	99
37) 2-Methylnaphthalene	8.89	142	755769	45.640	ng	99
38) 1-Methylnaphthalene	8.99	142	714689	44.717	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	382170	44.086	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113955.D
 Acq On : 24 Apr 2019 12:31
 Operator : JU/SJ
 Sample : K2515-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 TP-10MSD

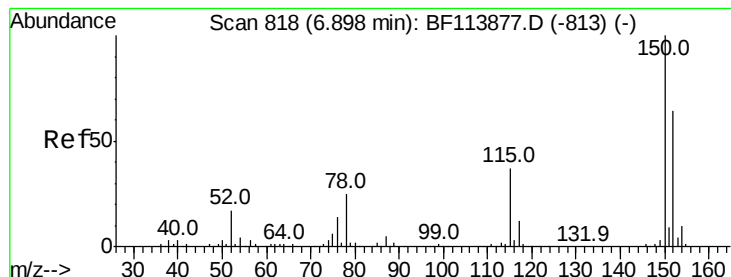
Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:26:59 PM

Quant Time: Apr 25 05:19:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	421328	87.158	nq	98
43) 2,4,6-Trichlorophenol	9.17	196	255495	46.414	nq	99
44) 2,4,5-Trichlorophenol	9.21	196	287904	46.630	nq	99
46) 1,1'-Biphenyl	9.36	154	934432	45.835	nq	98
47) 2-Chloronaphthalene	9.38	162	758404	45.745	nq	98
48) 2-Nitroaniline	9.47	65	209449	48.192	nq	93
49) Acenaphthylene	9.80	152	1157875	44.611	nq	99
50) Dimethylphthalate	9.66	163	985937	51.083	nq	98
51) 2,6-Dinitrotoluene	9.71	165	203046	49.037	nq	93
52) Acenaphthene	9.97	154	724171	47.212	nq	99
53) 3-Nitroaniline	9.87	138	79156	18.192	nq	96
54) 2,4-Dinitrophenol	9.99	184	111976	64.324	nq	# 2
55) Dibenzofuran	10.14	168	1050863	45.737	nq	98
56) 4-Nitrophenol	10.05	139	304848	88.487	nq	99
57) 2,4-Dinitrotoluene	10.12	165	267729	51.226	nq	97
58) Fluorene	10.48	166	784333	45.341	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	237432	43.759	nq	98
60) Diethylphthalate	10.35	149	833514	45.477	nq	99
61) 4-Chlorophenyl-phenylether	10.47	204	414847	45.283	nq	98
62) 4-Nitroaniline	10.49	138	186281	43.871	nq	96
63) Azobenzene	10.63	77	779374	43.875	nq	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	90837	39.815	nq	93
66) n-Nitrosodiphenylamine	10.59	169	713497	46.008	nq	99
67) 4-Bromophenyl-phenylether	10.96	248	271249	43.444	nq	95
68) Hexachlorobenzene	11.03	284	302112	44.032	nq	99
69) Atrazine	11.12	200	237078	46.994	nq	99
70) Pentachlorophenol	11.23	266	284135	73.142	nq	97
71) Phenanthrene	11.44	178	1184908	45.618	nq	100
72) Anthracene	11.50	178	1207043	46.018	nq	99
73) Carbazole	11.64	167	1053003	44.998	nq	100
74) Di-n-butylphthalate	11.97	149	1248753	45.365	nq	99
75) Fluoranthene	12.63	202	1180479	41.656	nq	97
77) Benzidine	12.74	184	174146	18.079	nq	98
78) Pyrene	12.86	202	1155345	51.104	nq	99
80) Butylbenzylphthalate	13.47	149	468410	52.660	nq	94
81) Benzo(a)anthracene	14.04	228	894766	46.976	nq	100
82) 3,3'-Dichlorobenzidine	14.00	252	169355	24.258	nq	# 97
83) Chrysene	14.09	228	906700	48.878	nq	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	605096	53.467	nq	100
85) Di-n-octyl phthalate	14.65	149	920147	51.945	nq	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	1200629	68.329	nq	98
88) Benzo(b)fluoranthene	15.11	252	924949	41.189	nq	100
89) Benzo(k)fluoranthene	15.14	252	896572	46.416	nq	99
90) Benzo(a)pyrene	15.48	252	908752	46.787	nq	99
91) Dibenzo(a,h)anthracene	17.06	278	984076	53.972	nq	99
92) Benzo(g,h,i)perylene	17.49	276	1035316	56.267	nq	98

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



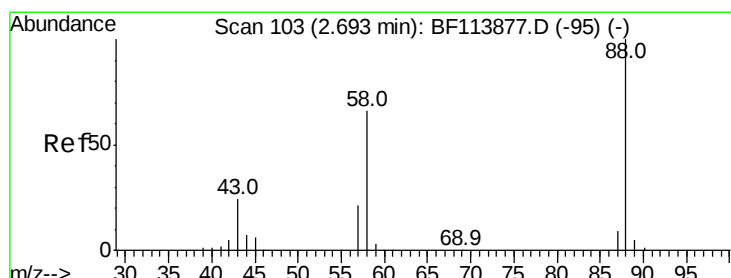
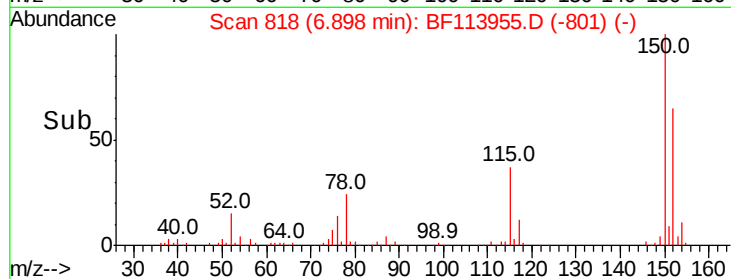
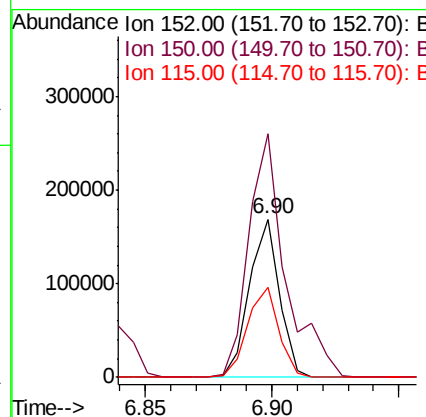
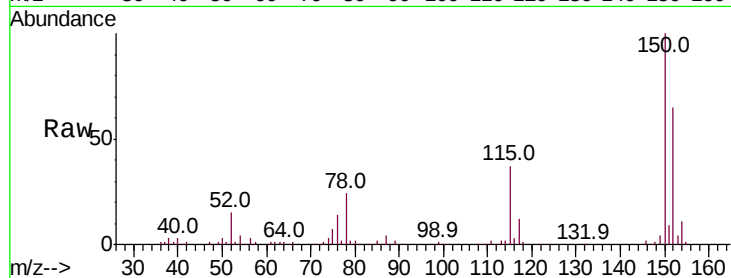
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	153.8	125.9	188.9
115	56.7	45.9	68.9

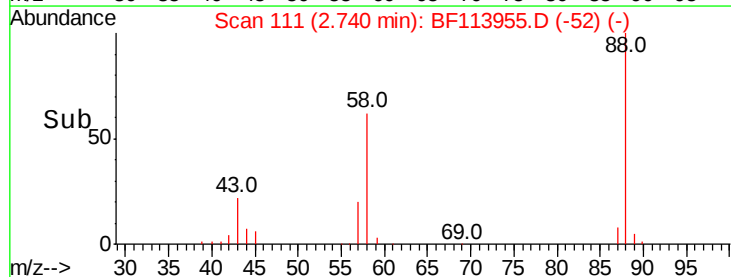
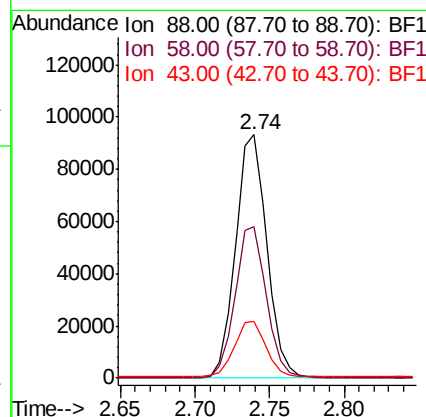
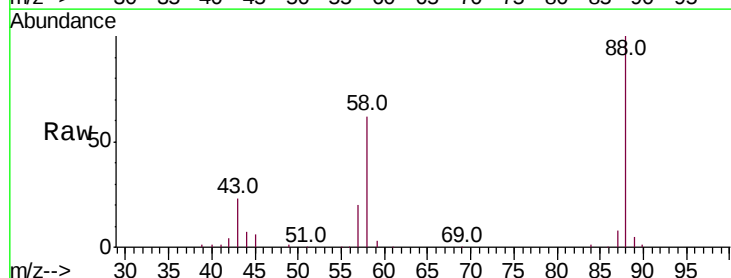
Manual Integrations
 APPROVED

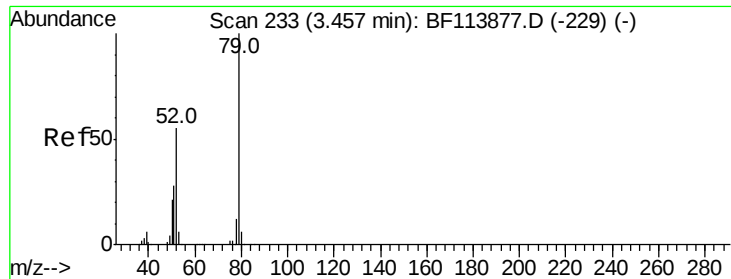
Sohil
 4/25/2019 5:26:59 PM



#2
 1,4-Dioxane
 Concen: 35.485 ng
 RT: 2.74 min Scan# 111
 Delta R.T. 0.05 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	62.1	53.3	79.9
43	23.0	19.0	28.4





#3

Pvridine

Concen: 34.047 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.04 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

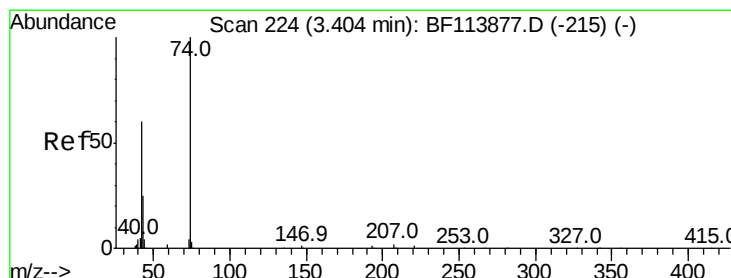
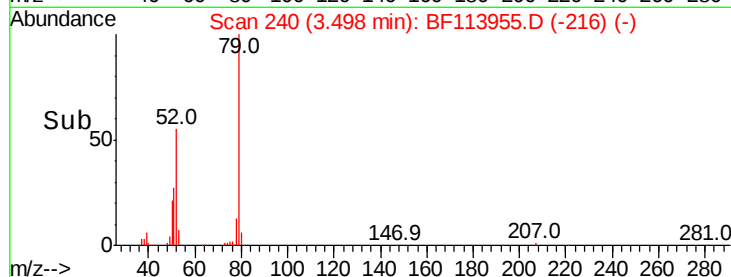
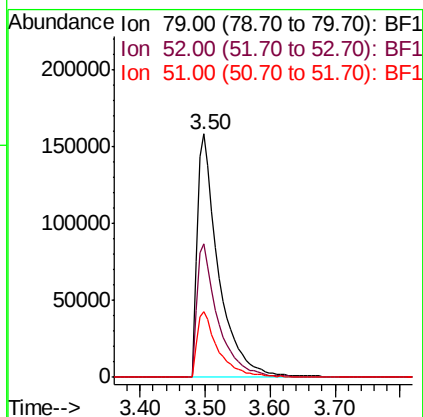
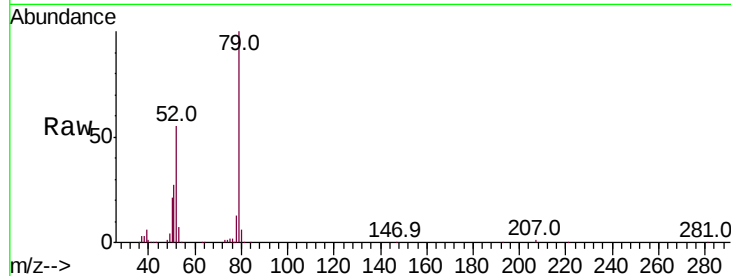
ClientSampleId :

TP-10MSD

Tot Ion:	79	Resp:	358249
Ion Ratio	Lower	Upper	
79	100		
52	54.9	45.3	67.9
51	26.9	22.1	33.1

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 PM



#4

n-Nitrosodimethylamine

Concen: 38.682 ng

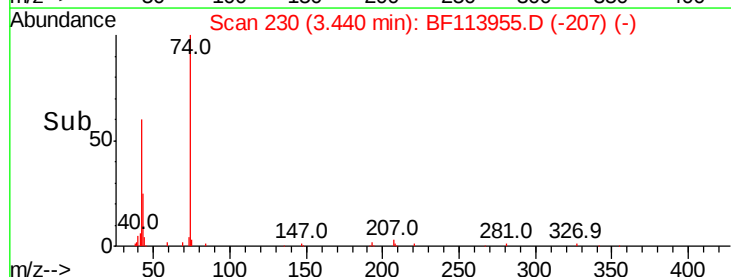
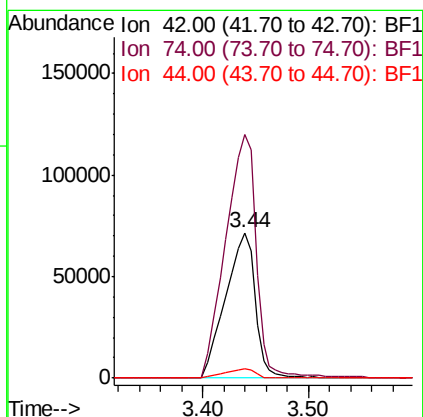
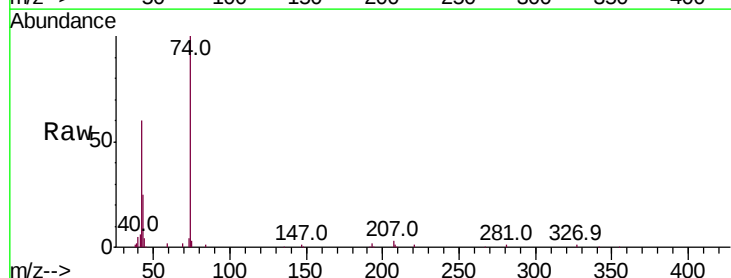
RT: 3.44 min Scan# 230

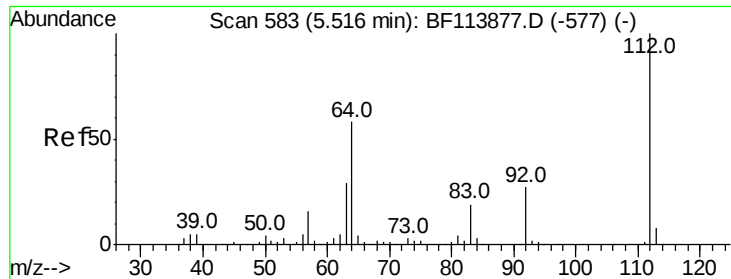
Delta R.T. 0.04 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Tgt Ion:	42	Resp:	139328
Ion Ratio	Lower	Upper	
42	100		
74	167.2	132.6	198.8
44	6.2	5.8	8.8





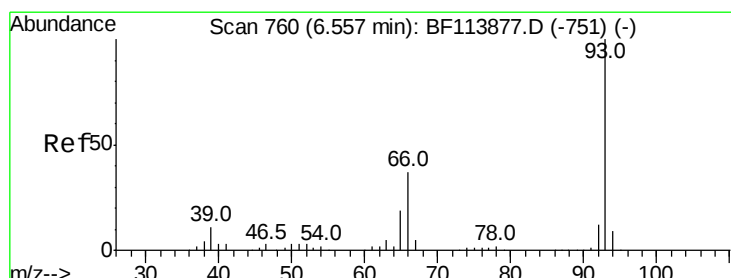
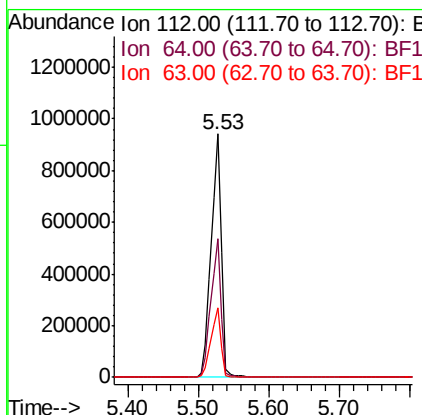
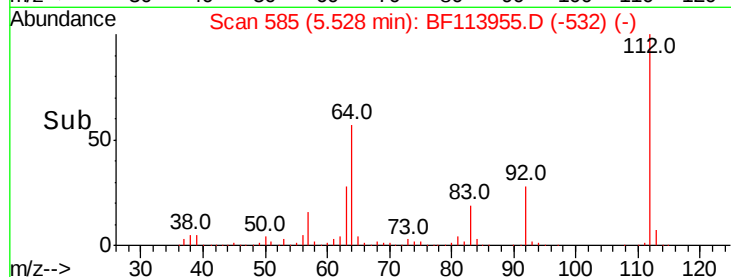
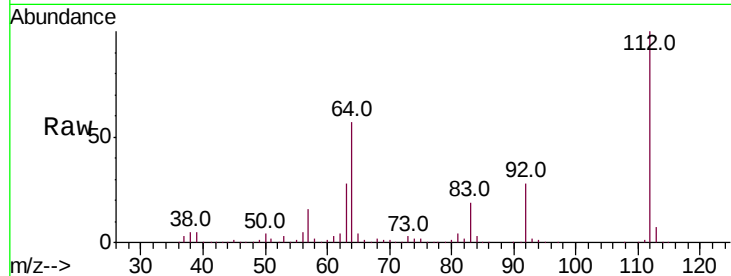
#5
2-Fluorophenol
Concen: 117.473 ng
RT: 5.53 min Scan# 585
Delta R.T. 0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion:	112	Resp:	960654
Ion Ratio	Lower	Upper	
112	100		
64	57.0	46.6	69.8
63	28.3	23.1	34.7

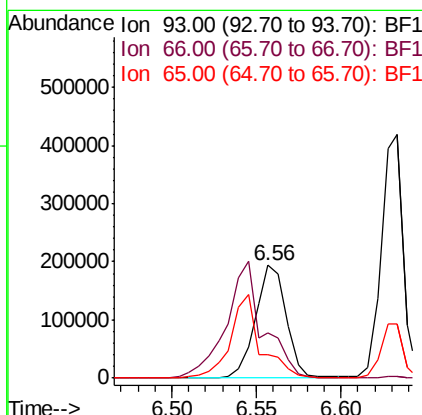
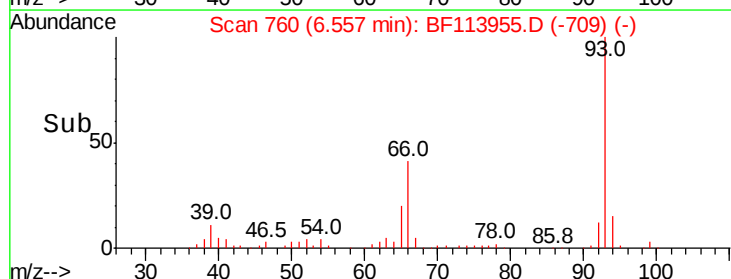
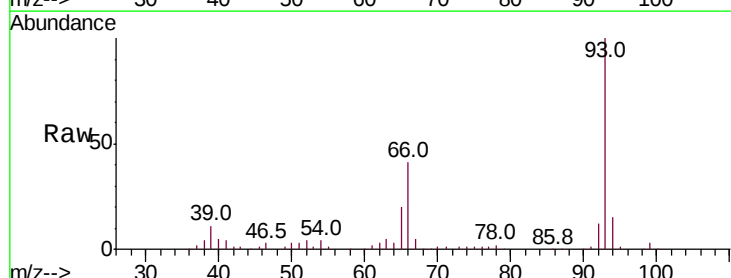
Manual Integrations
APPROVED

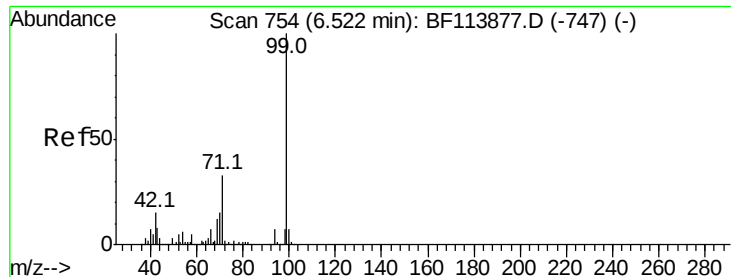
Sohil
4/25/2019 5:26:59 PM



#6
Aniline
Concen: 17.504 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion:	93	Resp:	246604
Ion Ratio	Lower	Upper	
93	100		
66	40.5	29.8	44.6
65	20.3	14.9	22.3





#7

Phenol-d6

Concen: 122.107 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

TP-10MSD

Tot Ion: 99 Resp: 1252795

Ion Ratio Lower Upper

99 100

42 14.7 12.5 18.7

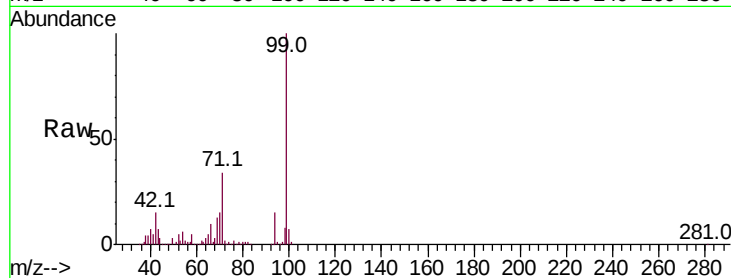
71 33.8 26.9 40.3

Manual Integrations

APPROVED

Sohil

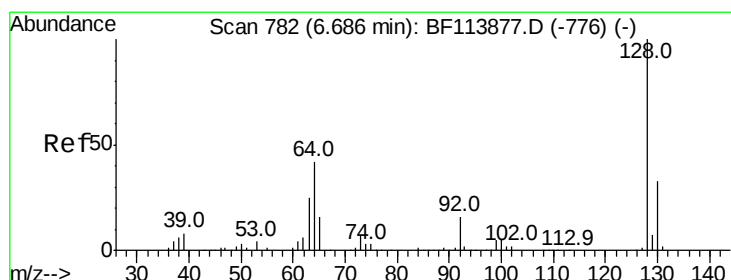
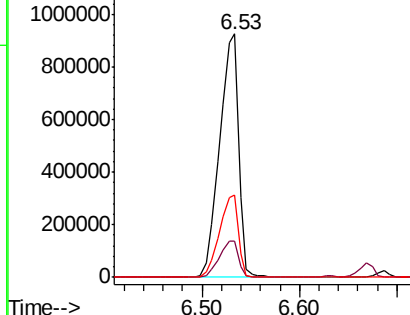
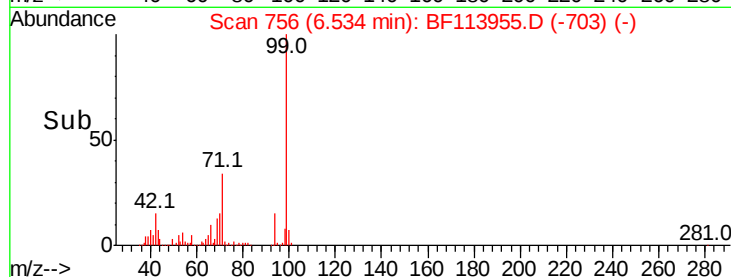
4/25/2019 5:26:59 PM



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: 40.950 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

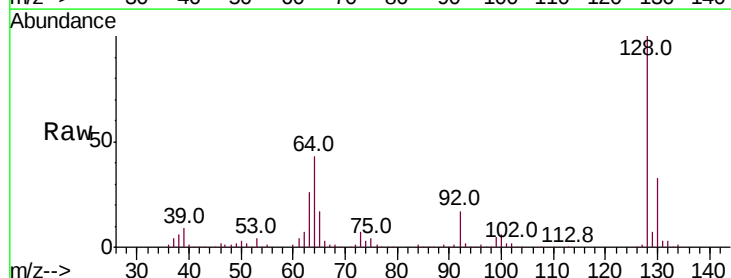
Tgt Ion:128 Resp: 382324

Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

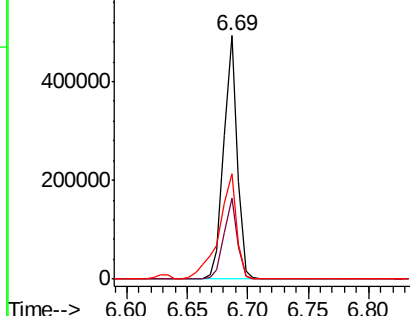
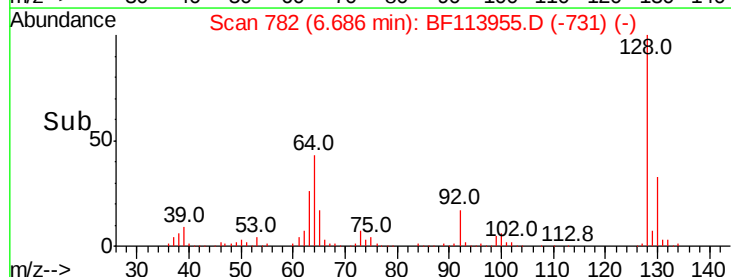
64 43.4 26.1 66.1

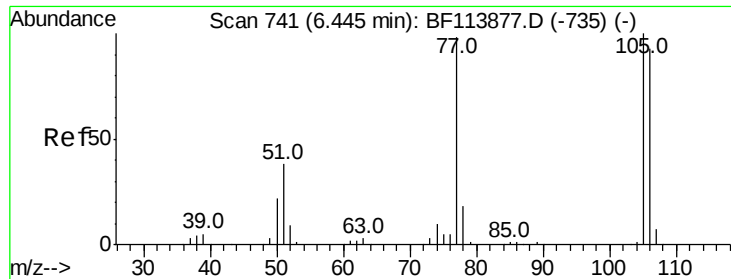


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 13.558 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

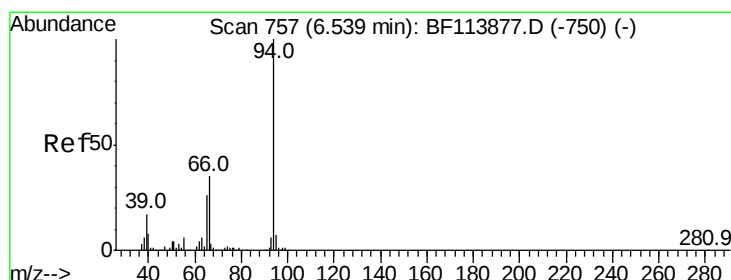
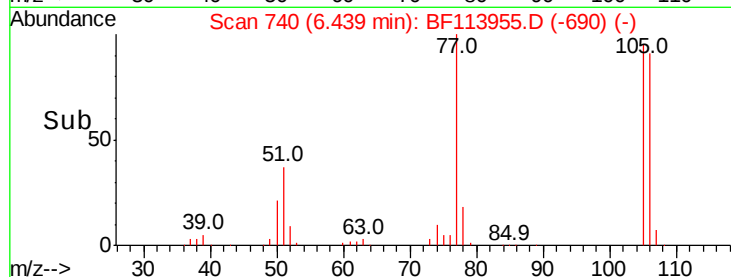
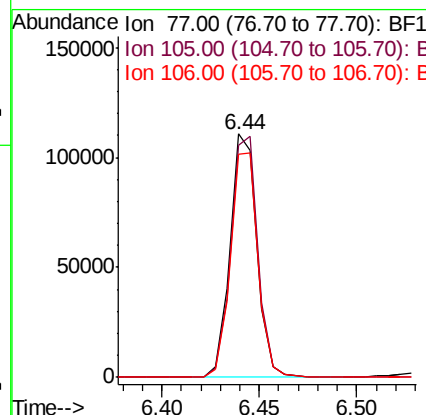
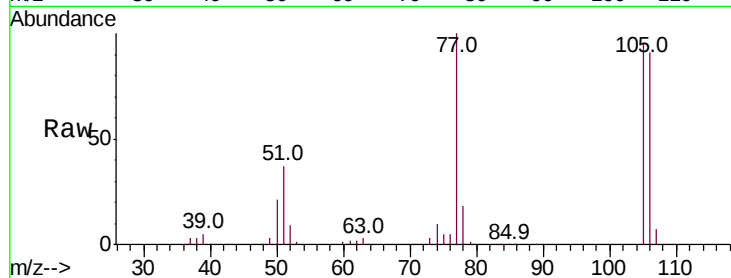
ClientSampled :

TP-10MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	95.4	74.1	114.1
106	91.4	70.3	110.3

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 PM



#10

Phenol

Concen: 38.983 ng

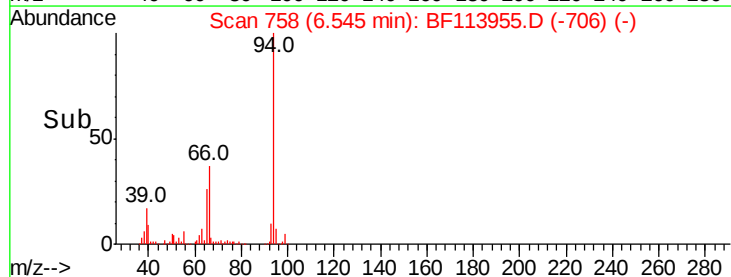
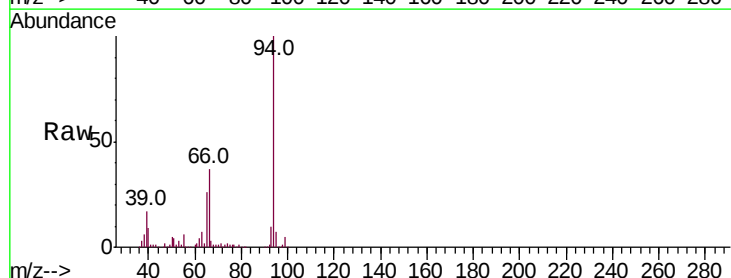
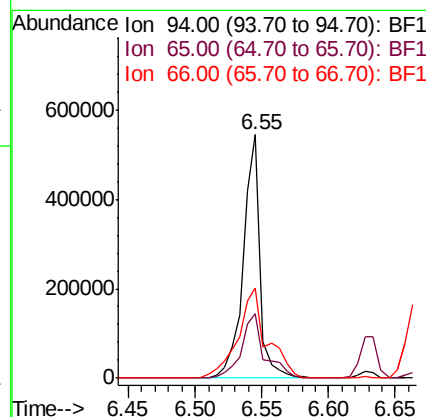
RT: 6.55 min Scan# 758

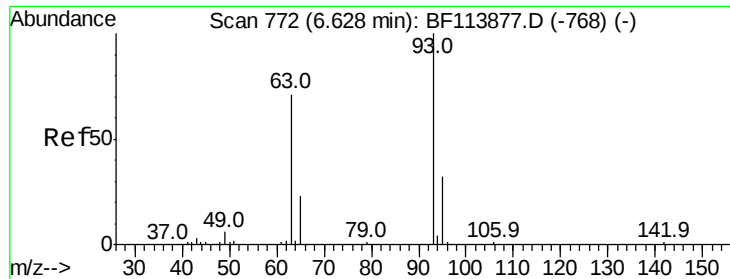
Delta R.T. 0.01 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
94	100		
65	26.5	8.1	48.1
66	36.9	16.6	56.6





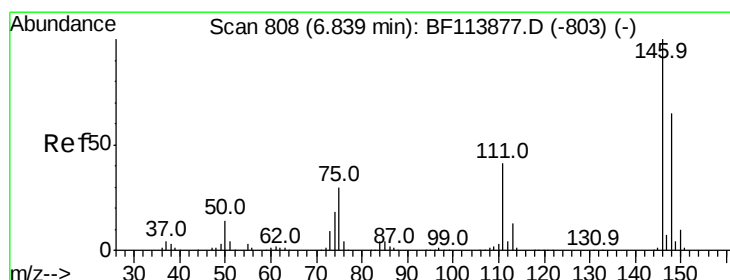
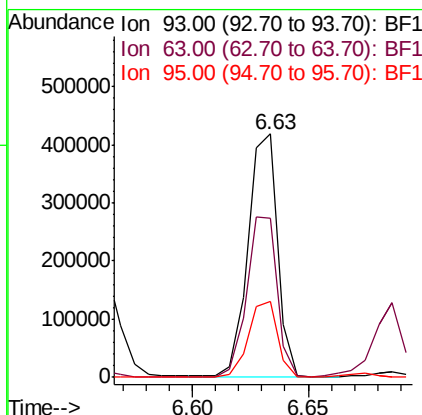
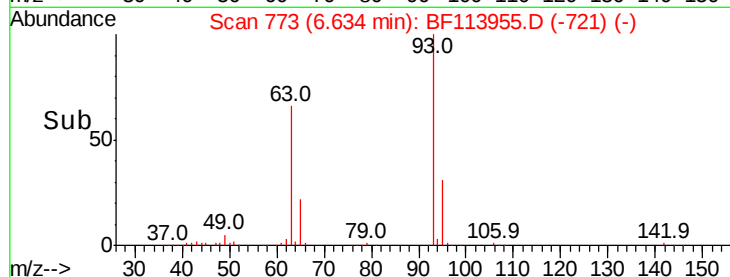
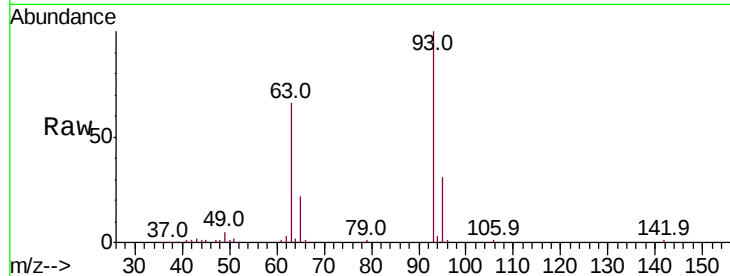
#11
bis(2-Chloroethyl)ether
Concen: 40.546 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	374328		
63	65.6	50.7	90.7	
95	31.2	12.3	52.3	

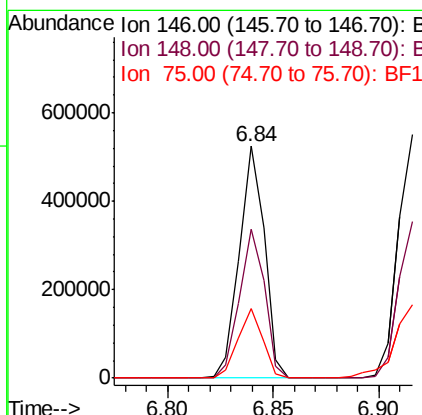
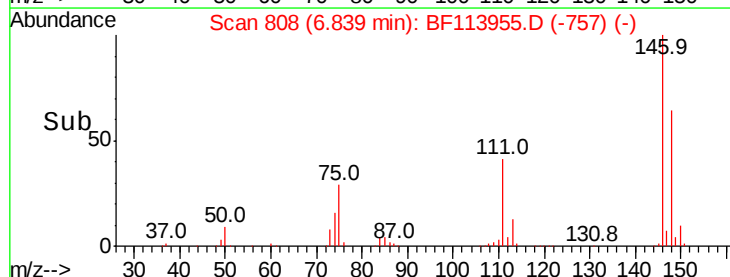
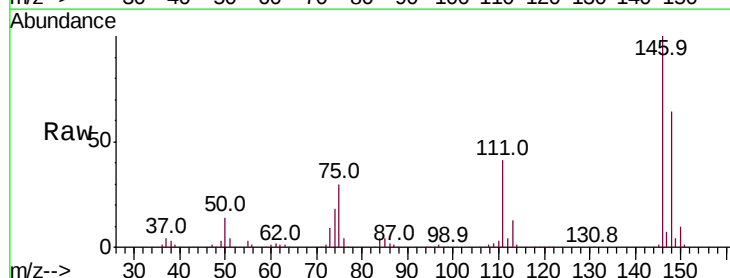
Manual Integrations
APPROVED

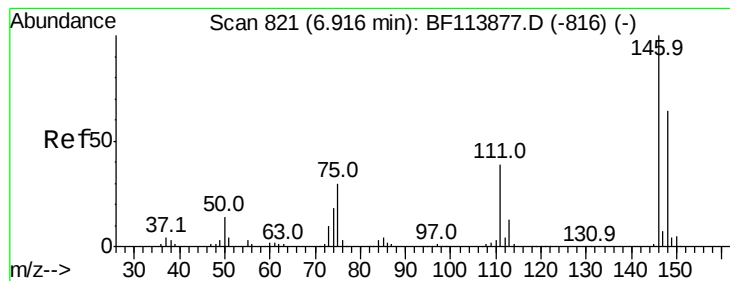
Sohil
4/25/2019 5:26:59 PM



#12
1,3-Dichlorobenzene
Concen: 40.774 ng
RT: 6.84 min Scan# 808
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	431149		
148	64.0	51.0	76.6	
75	30.2	23.8	35.8	





#13

1,4-Dichlorobenzene

Concen: 41.361 ng

RT: 6.92 min Scan# 821

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

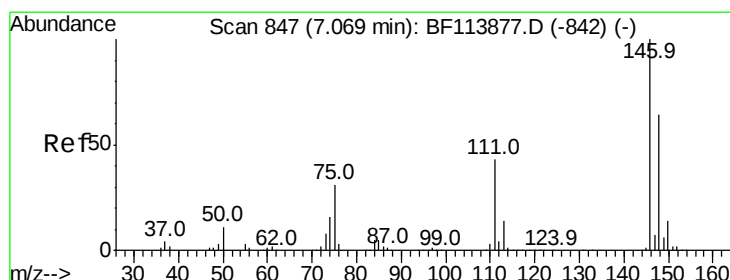
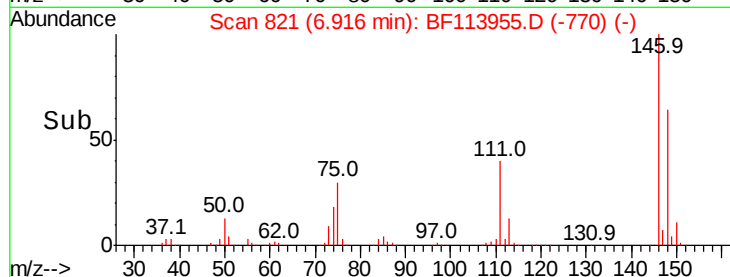
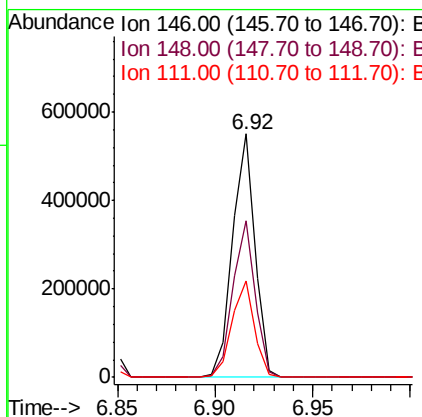
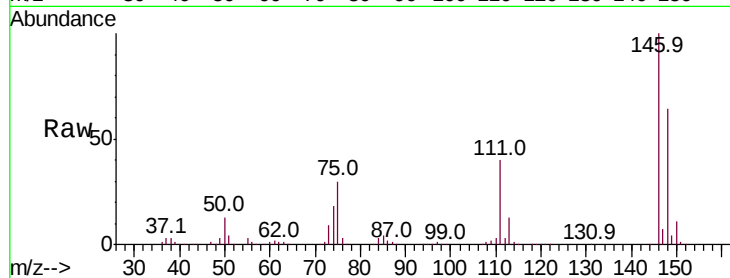
ClientSampleId :

TP-10MSD

Tot Ion:	146	Resp:	439895
Ion Ratio	Lower	Upper	
146	100		
148	64.1	51.8	77.8
111	39.5	30.9	46.3

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 PM



#14

1,2-Dichlorobenzene

Concen: 42.086 ng

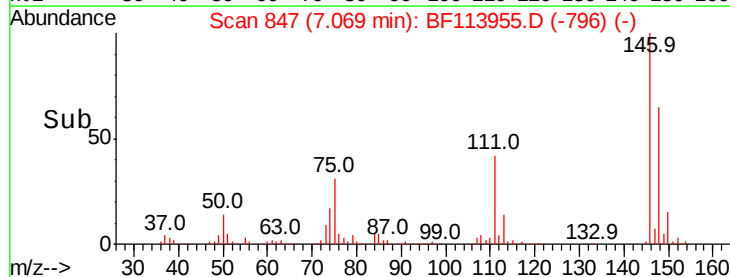
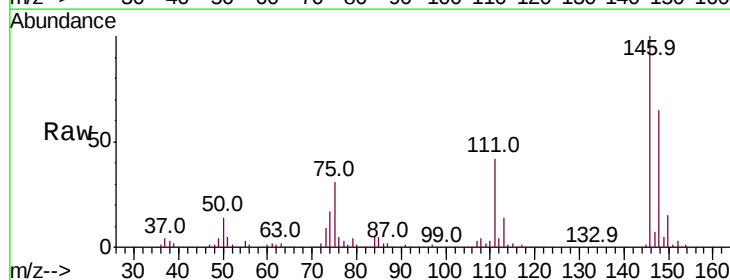
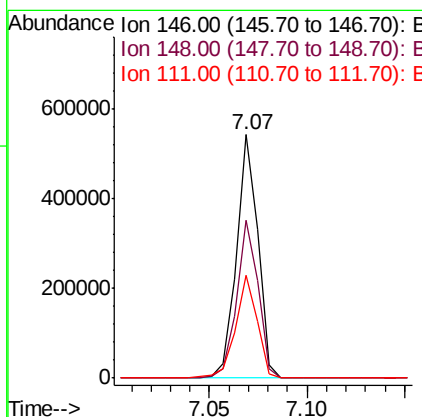
RT: 7.07 min Scan# 847

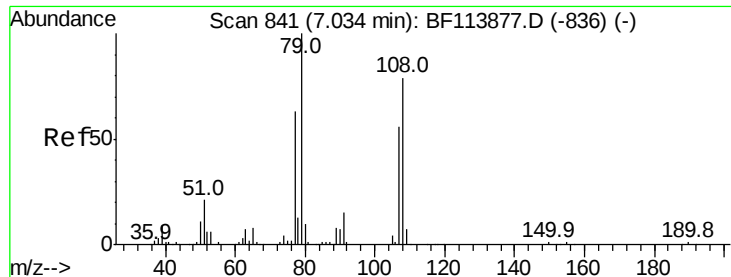
Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Tgt Ion:	146	Resp:	411369
Ion Ratio	Lower	Upper	
146	100		
148	65.0	52.1	78.1
111	42.3	34.2	51.4





#15

Benzyl Alcohol

Concen: 41.960 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

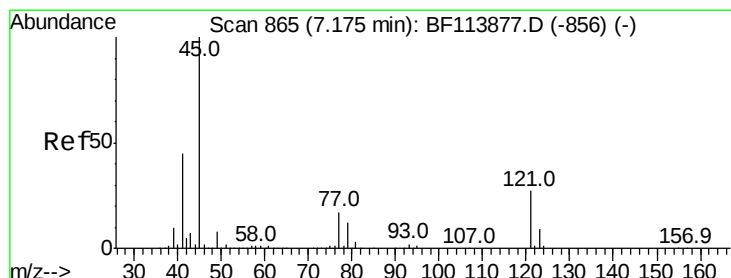
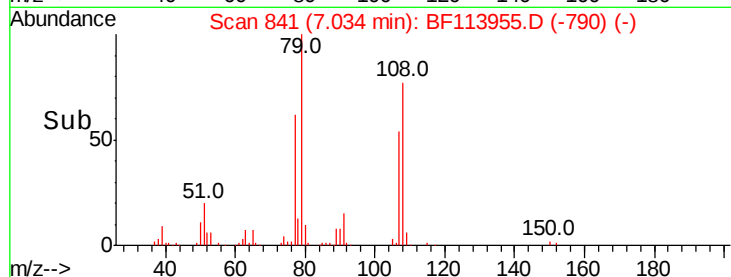
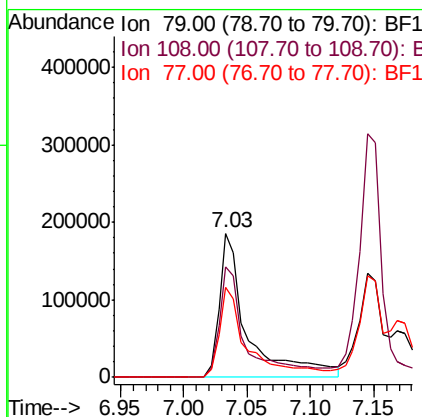
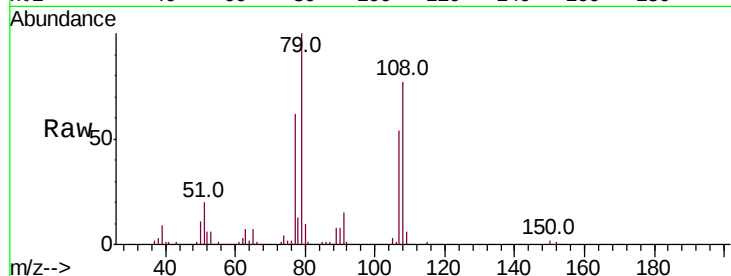
ClientSampleId :

TP-10MSD

Tot Ion:	79	Resp:	289942
Ion Ratio	Lower	Upper	
79	100		
108	77.2	61.4	92.0
77	62.1	51.6	77.4

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.837 ng

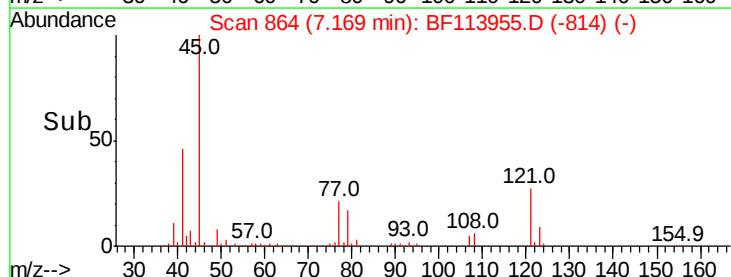
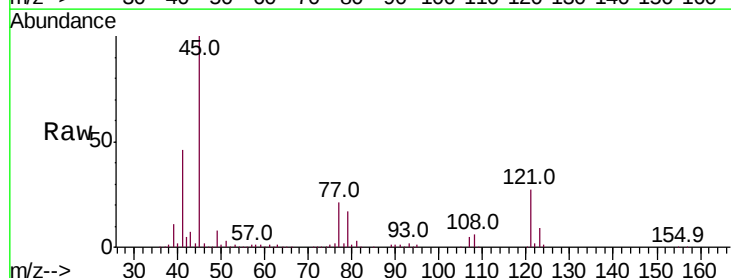
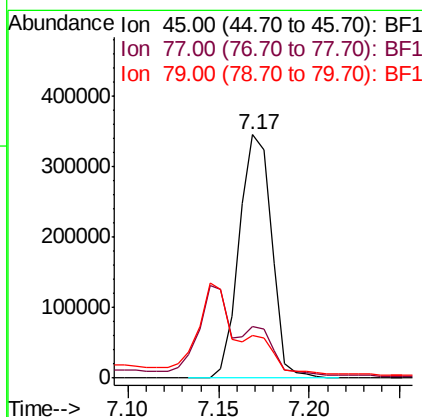
RT: 7.17 min Scan# 864

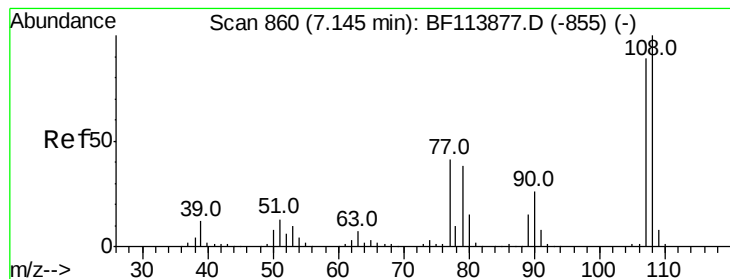
Delta R.T. -0.01 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Tgt Ion:	45	Resp:	429323
Ion Ratio	Lower	Upper	
45	100		
77	21.2	0.0	37.0
79	17.3	0.0	32.7





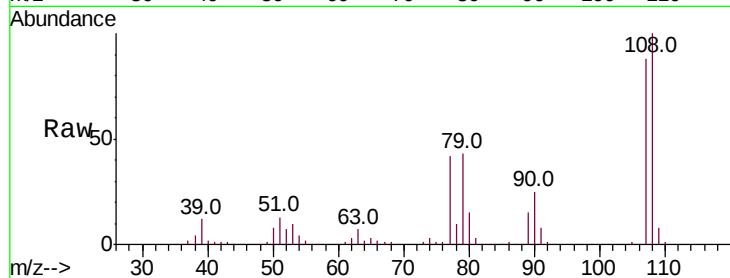
#17
2-Methylphenol
Concen: 43.385 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampled :
TP-10MSD

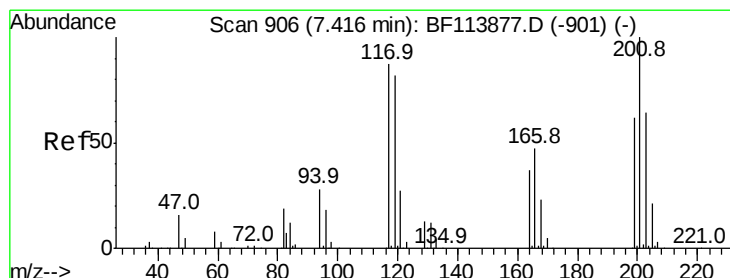
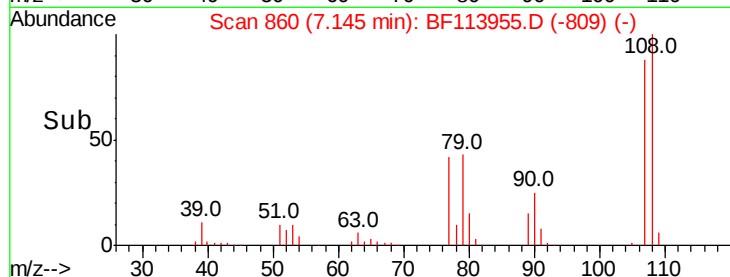
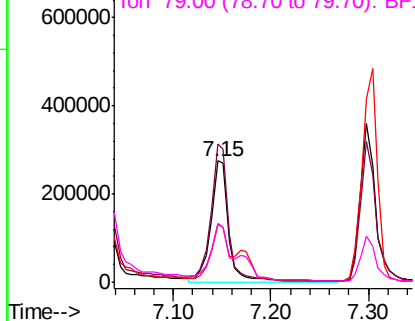
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	114.3	91.5	137.3	
77	47.5	36.2	54.4	
79	48.8	35.4	53.0	

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 PM

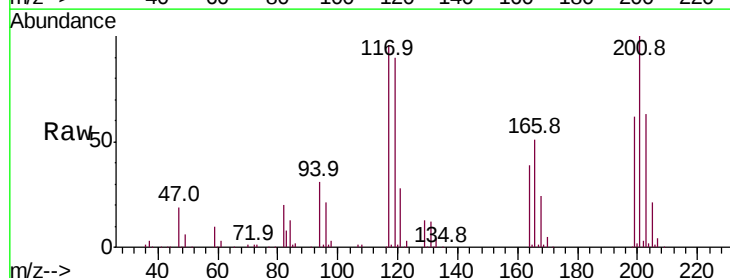


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

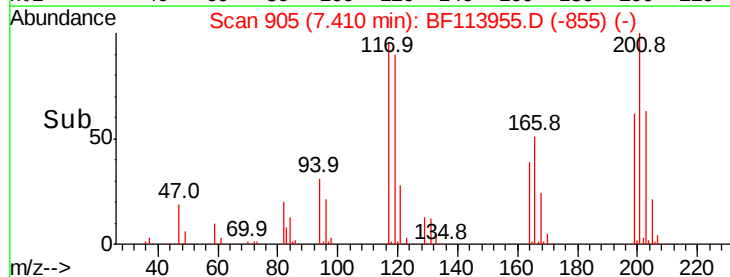
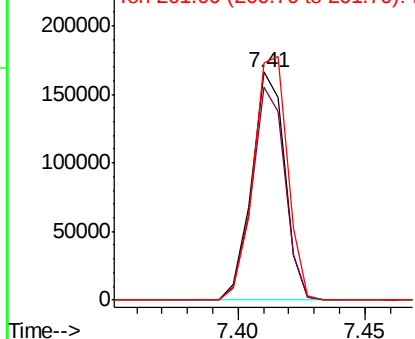


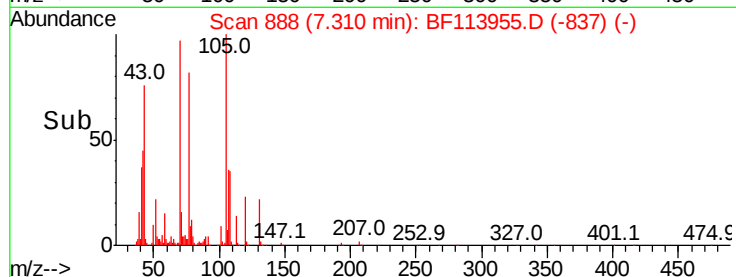
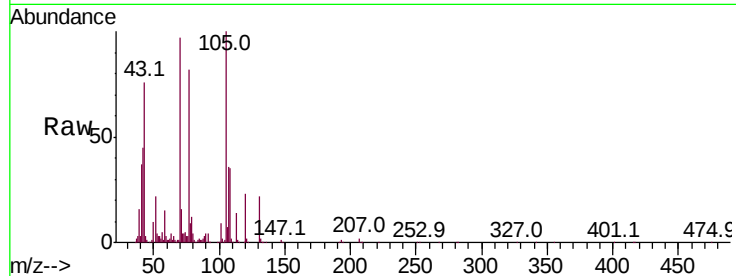
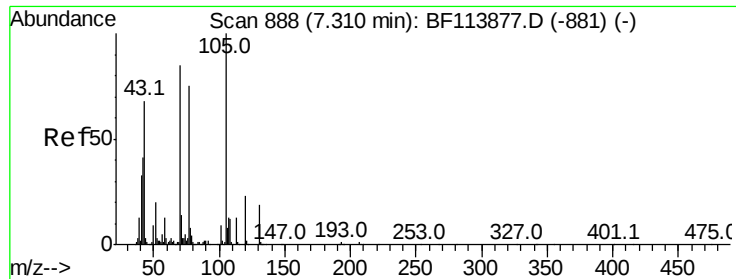
#18
Hexachloroethane
Concen: 40.477 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.6	74.4	111.6	
201	103.8	90.2	135.2	



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





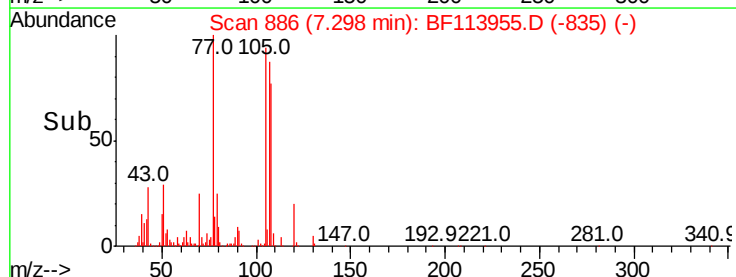
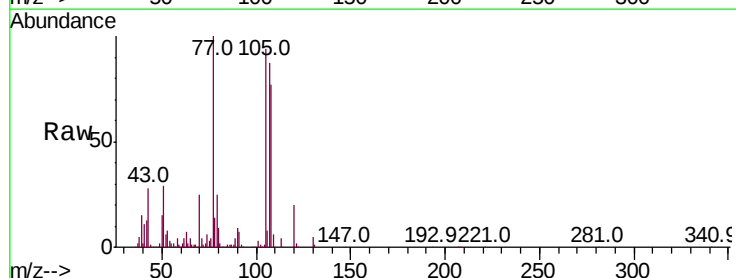
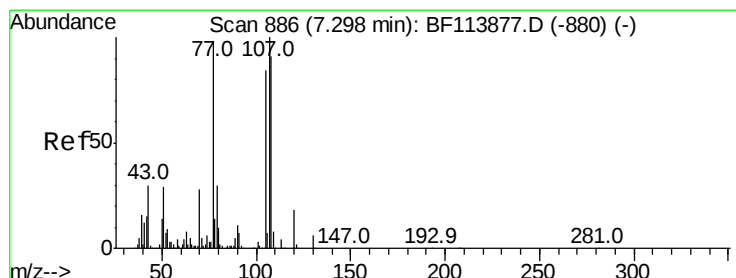
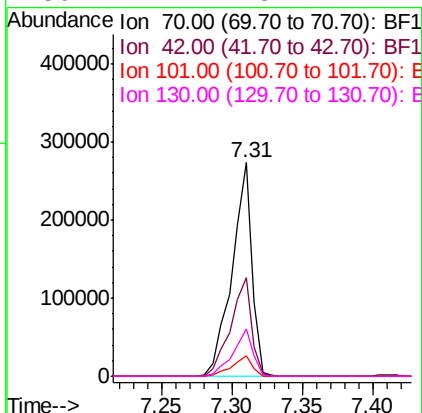
#19
n-Nitroso-di-n-propylamine
Concen: 40.372 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
70	100		
42	46.2	37.3	55.9
101	9.7	7.8	11.8
130	22.4	18.2	27.2

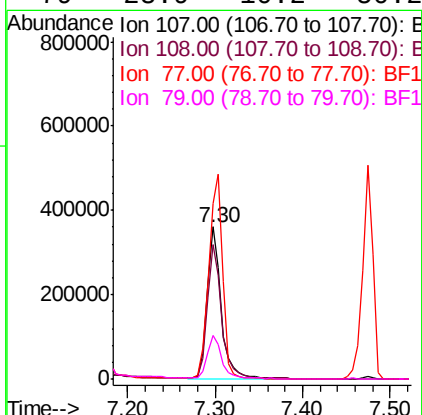
Manual Integrations
APPROVED

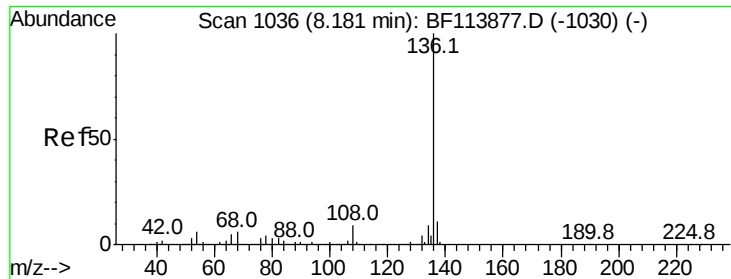
Sohil
4/25/2019 5:26:59 PM



#20
3+4-Methylphenols
Concen: 43.777 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.1	110.1
77	115.3	52.9	92.9#
79	28.9	10.2	50.2





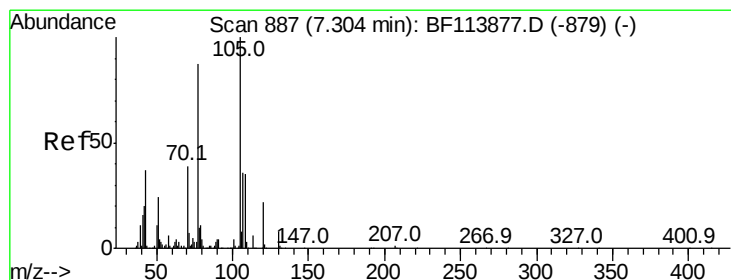
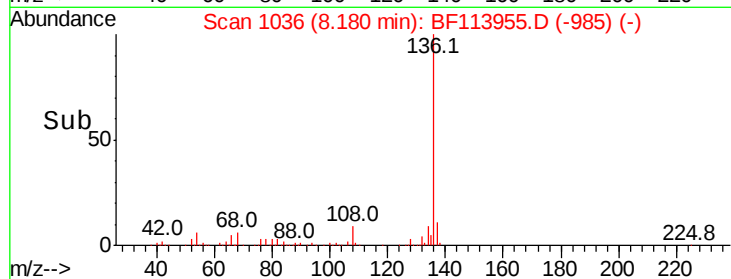
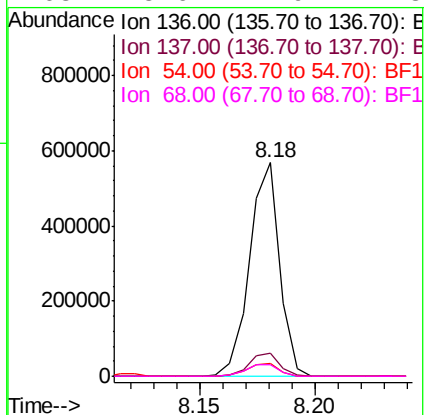
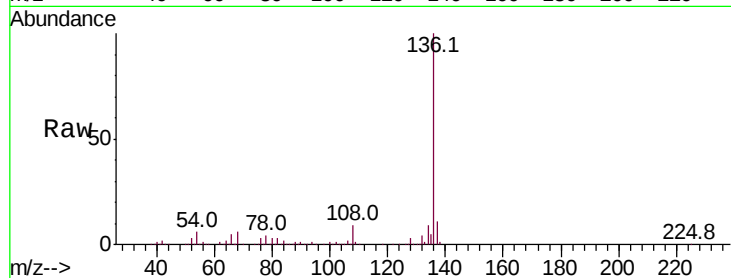
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	516917		
137	11.0	8.6	12.8	
54	5.8	5.0	7.6	
68	5.6	4.9	7.3	

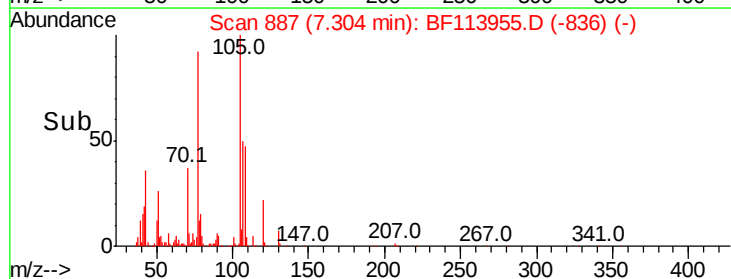
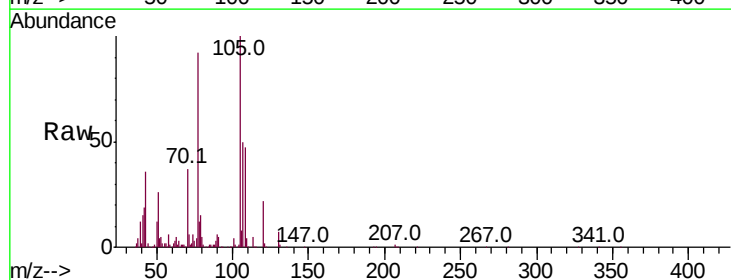
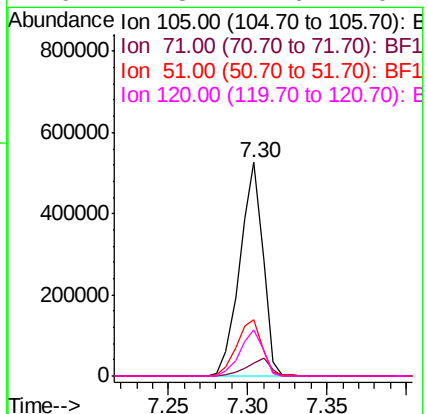
Manual Integrations
APPROVED

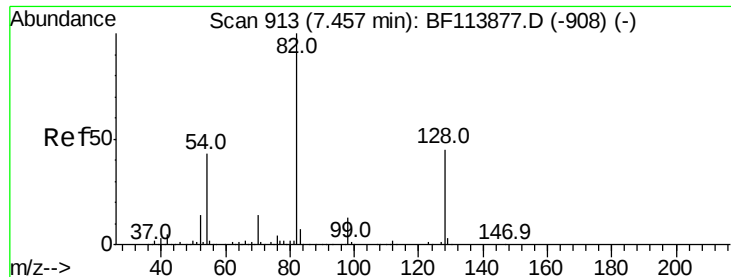
Sohil
4/25/2019 5:26:59 PM



#22
Acetophenone
Concen: 46.086 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	530128		
71	6.3	6.1	9.1	
51	26.3	16.8	25.2	
120	21.8	17.6	26.4	





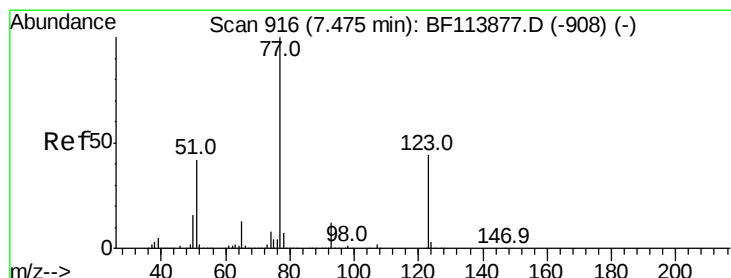
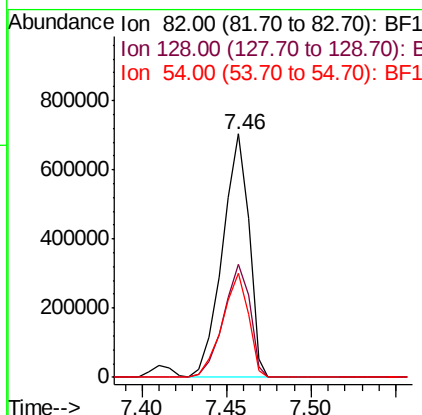
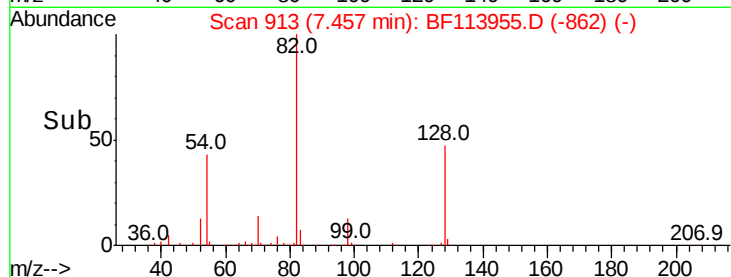
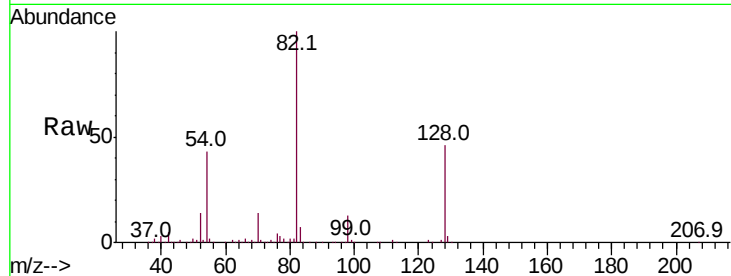
#23
Nitrobenzene-d5
Concen: 91.488 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.8	55.2
54	43.0	33.8	50.6

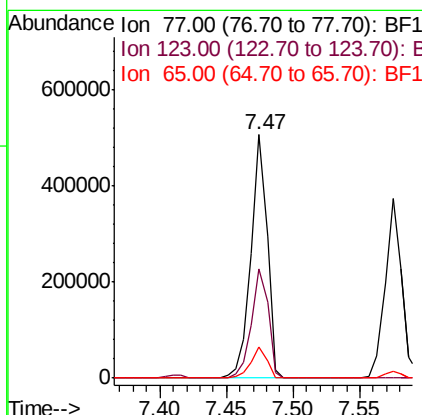
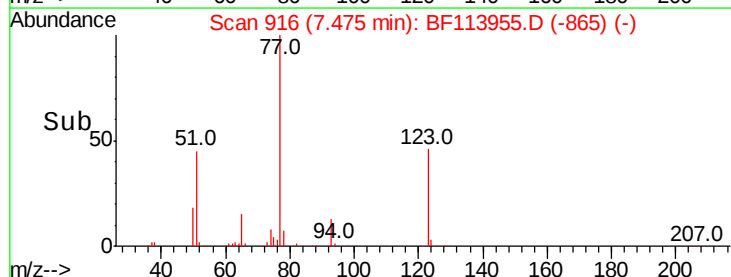
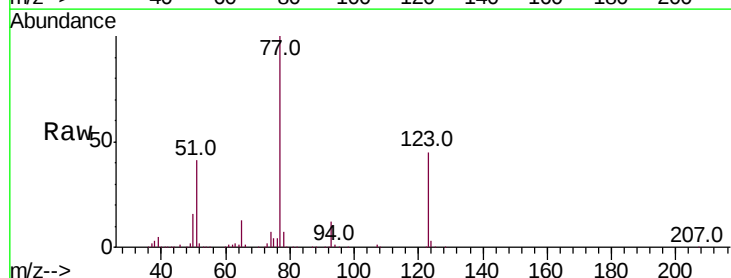
Manual Integrations
APPROVED

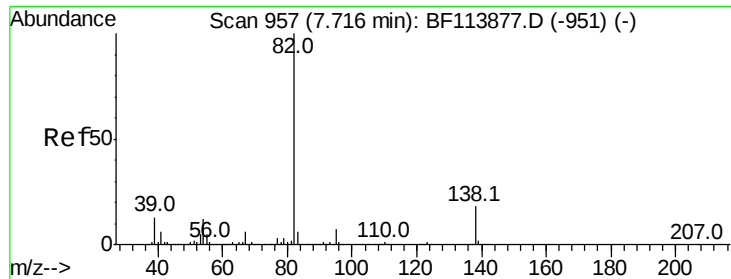
Sohil
4/25/2019 5:26:59 PM



#24
Nitrobenzene
Concen: 45.222 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.0	36.3	54.5
65	12.9	10.3	15.5





#25

Isophorone

Concen: 43.280 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

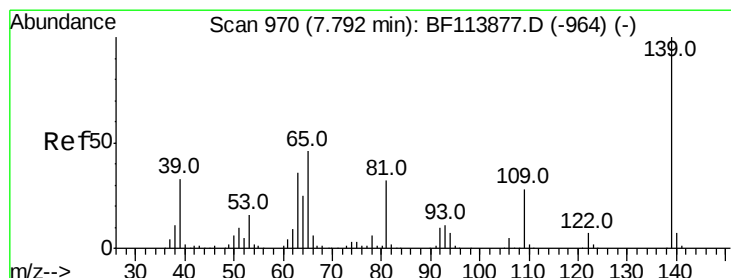
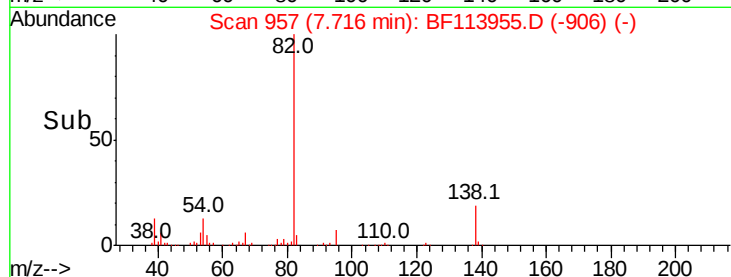
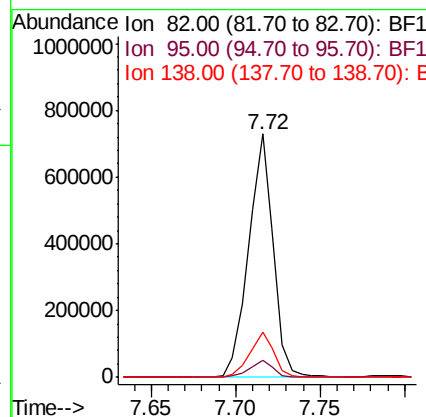
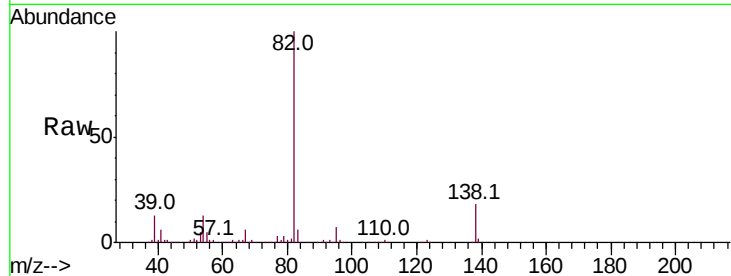
ClientSampleId :

TP-10MSD

Tot Ion:	82	Resp:	741403
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.4	8.2
138	18.4	14.6	22.0

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 PM



#26

2-Nitrophenol

Concen: 49.427 ng

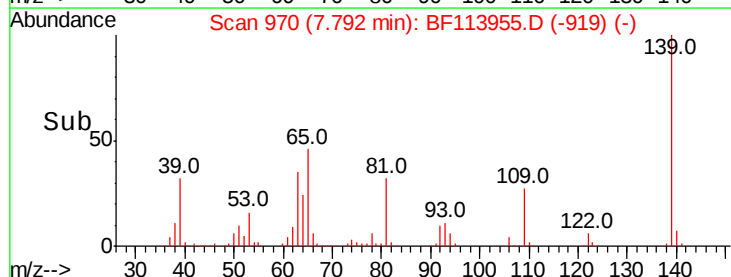
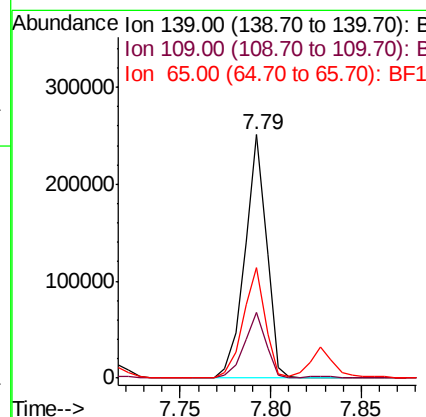
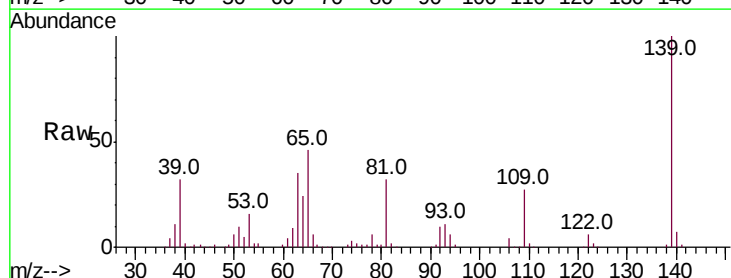
RT: 7.79 min Scan# 970

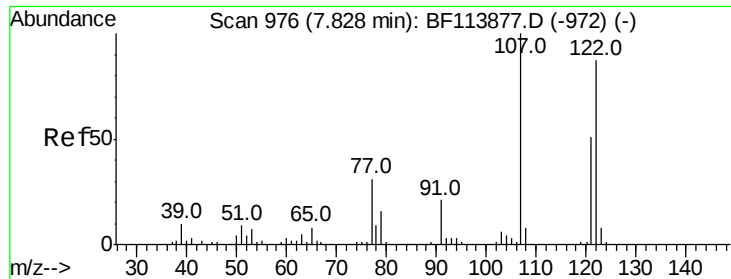
Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Tgt Ion:	139	Resp:	208592
Ion Ratio	Lower	Upper	
139	100		
109	27.1	20.6	31.0
65	45.6	34.6	52.0





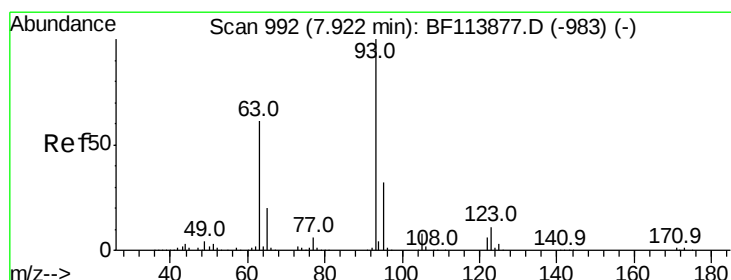
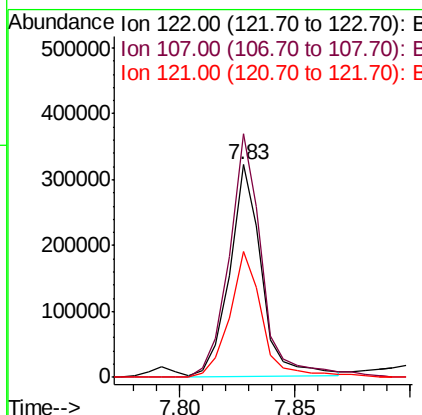
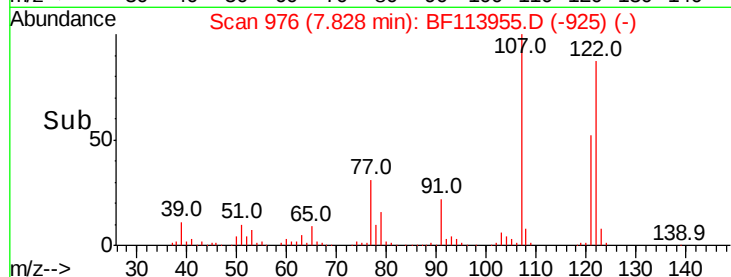
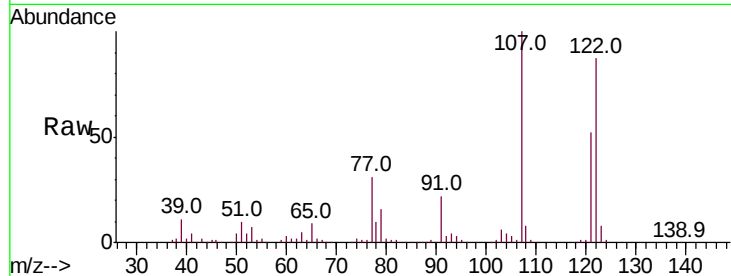
#27
2,4-Dimethylphenol
Concen: 45.377 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	312004		
107	114.6	91.2	136.8	
121	59.5	46.4	69.6	

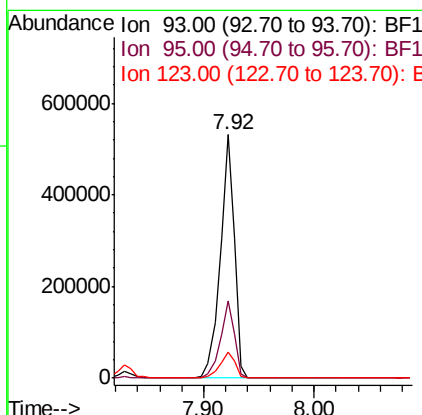
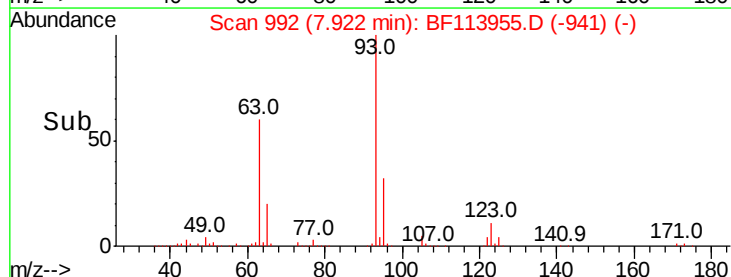
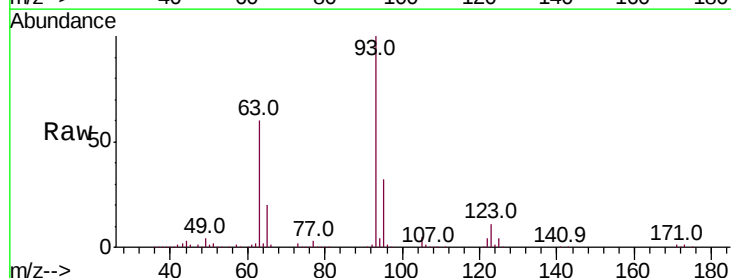
Manual Integrations
APPROVED

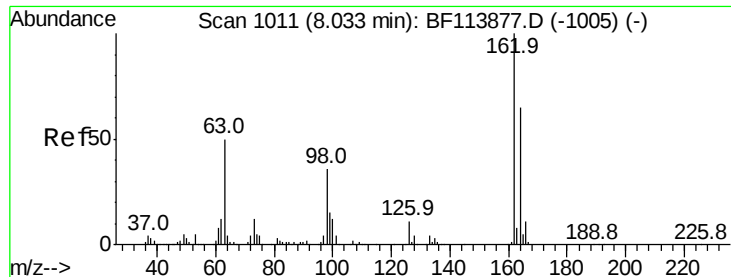
Sohil
4/25/2019 5:26:59 PM



#28
bis(2-Chloroethoxy)methane
Concen: 43.123 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	470727		
95	31.8	25.8	38.6	
123	10.9	9.0	13.6	





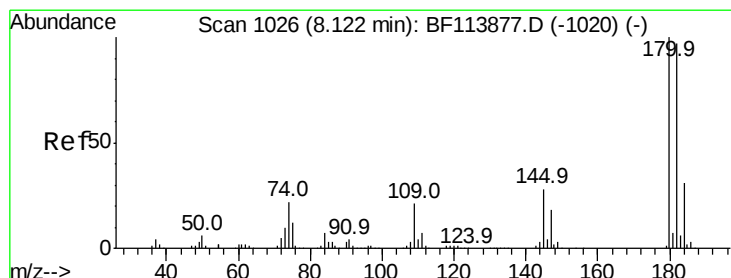
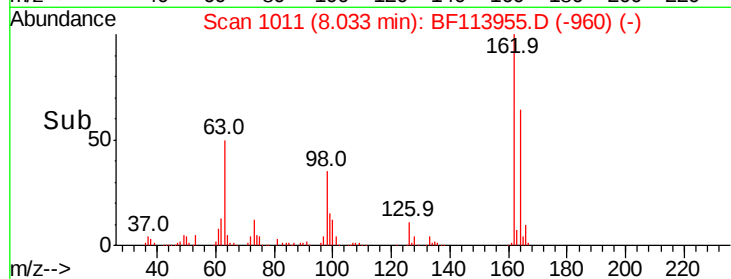
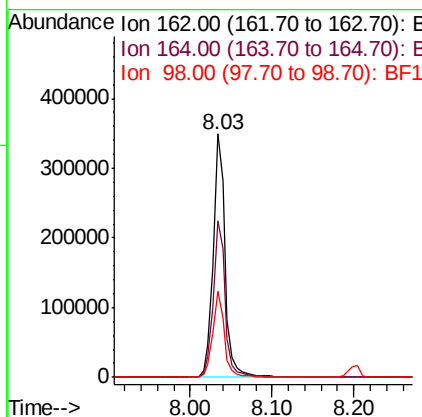
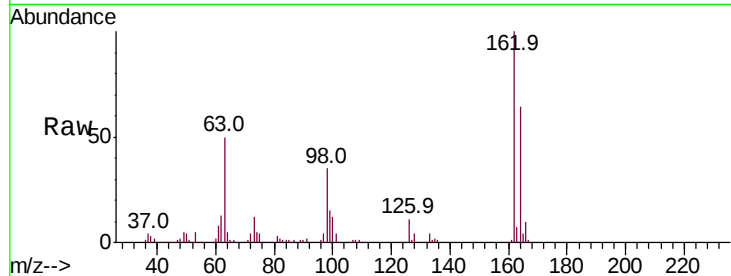
#29
2,4-Dichlorophenol
Concen: 45.045 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	354175		
164	64.3	43.7	83.7	
98	35.3	15.5	55.5	

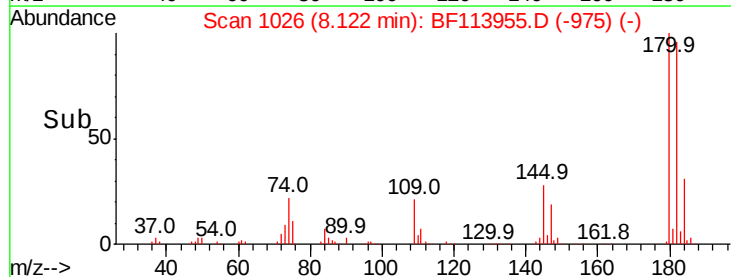
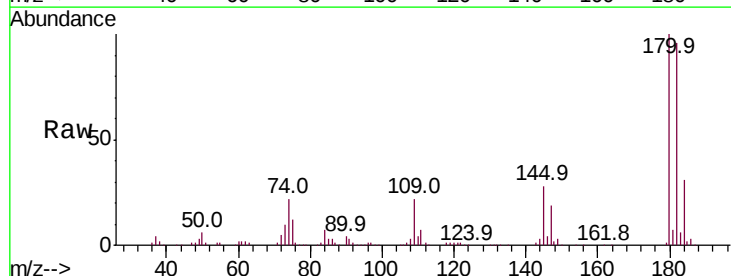
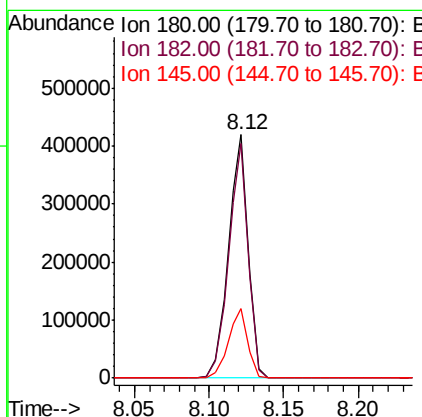
Manual Integrations
APPROVED

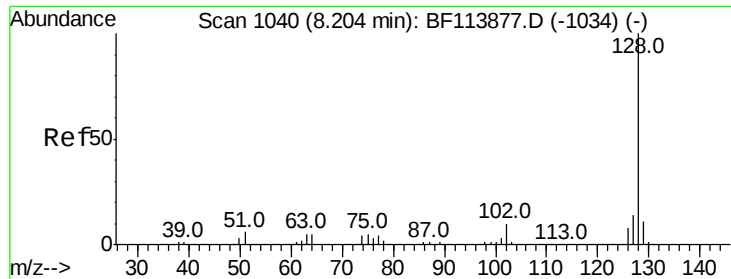
Sohil
4/25/2019 5:26:59 PM



#30
1,2,4-Trichlorobenzene
Concen: 44.748 ng
RT: 8.12 min Scan# 1026
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	392309		
182	96.3	75.4	113.0	
145	28.5	23.0	34.4	





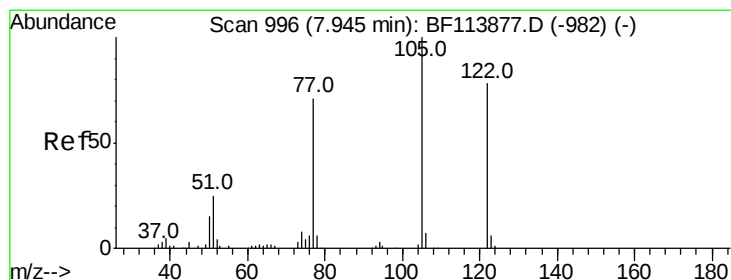
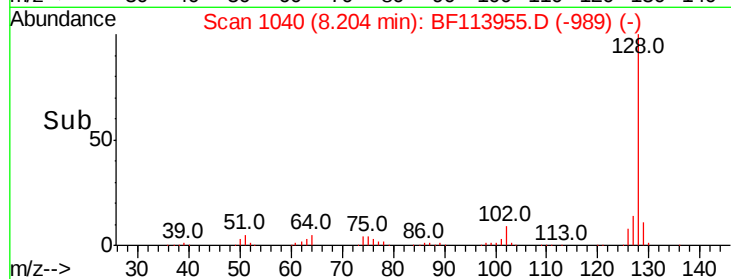
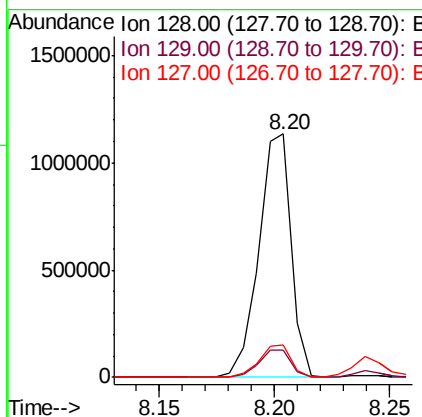
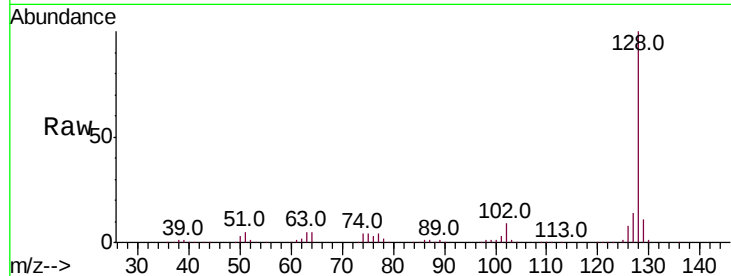
#31
Naphthalene
Concen: 45.328 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	13.6	10.8	16.2

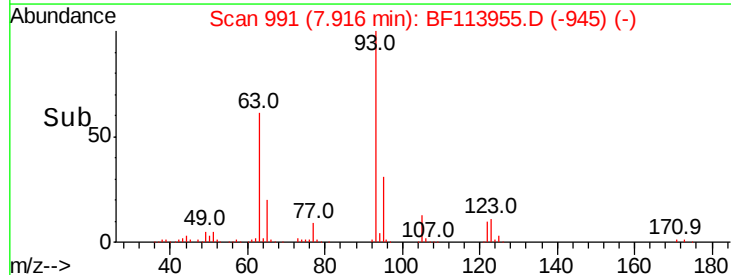
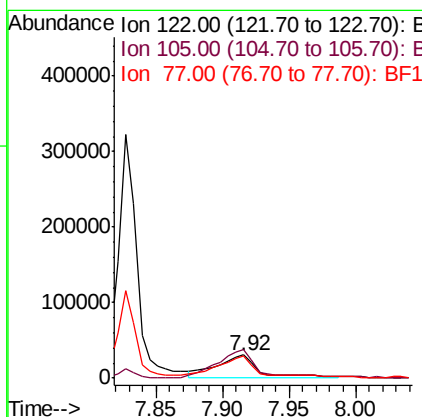
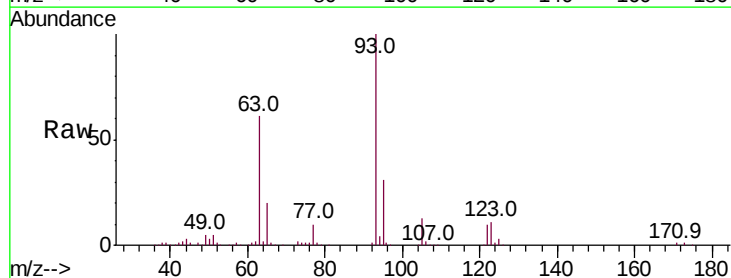
Manual Integrations
APPROVED

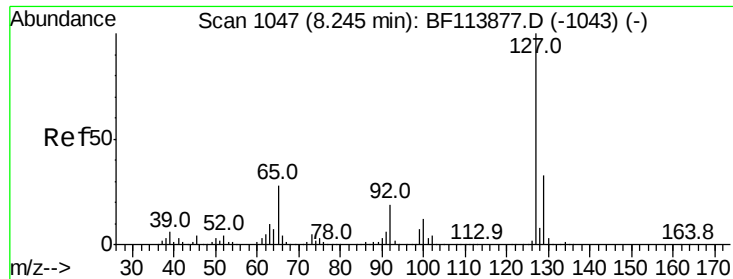
Sohil
4/25/2019 5:26:59 PM



#32
Benzoic acid
Concen: 13.472 ng m
RT: 7.92 min Scan# 991
Delta R.T. -0.03 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.0	104.3	144.3
77	98.7	70.4	110.4





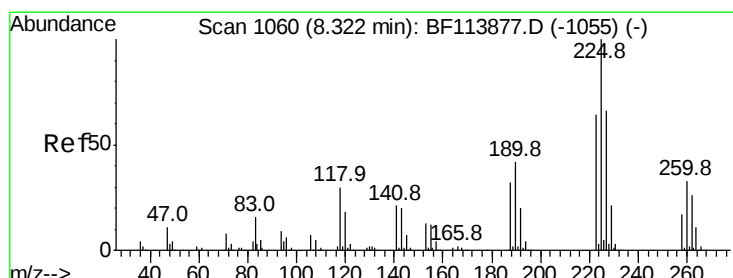
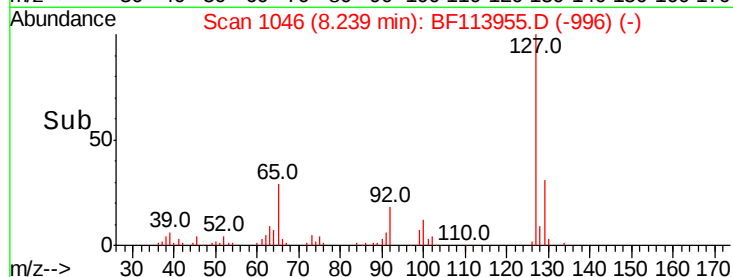
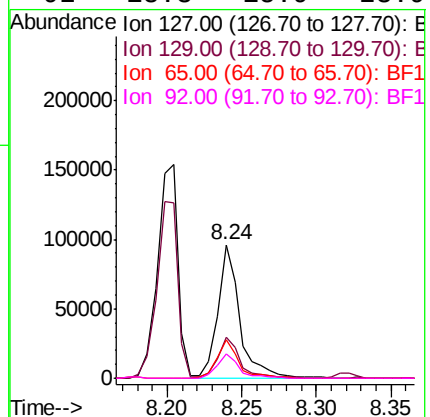
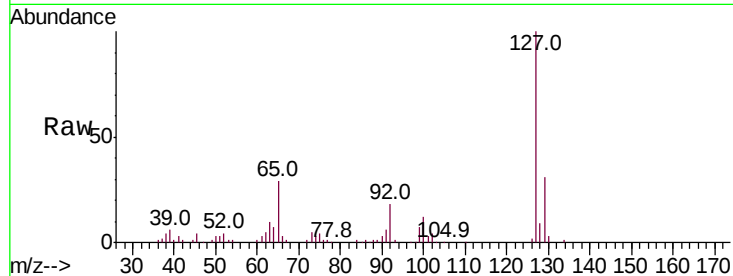
#33
4-Chloroaniline
Concen: 9.492 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.8	26.4	39.6		
65	28.7	24.9	37.3		
92	18.3	15.9	23.9		

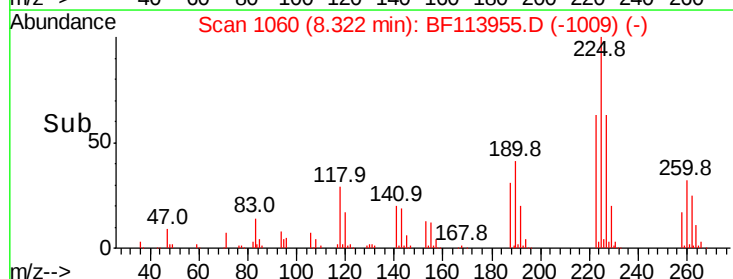
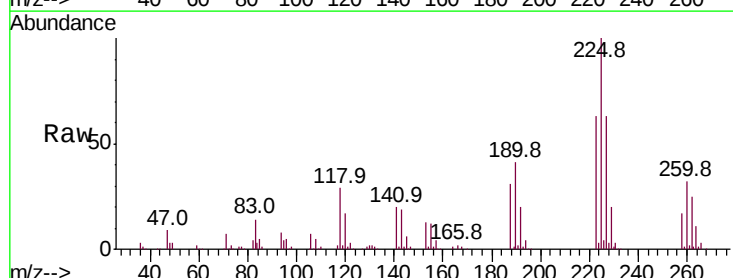
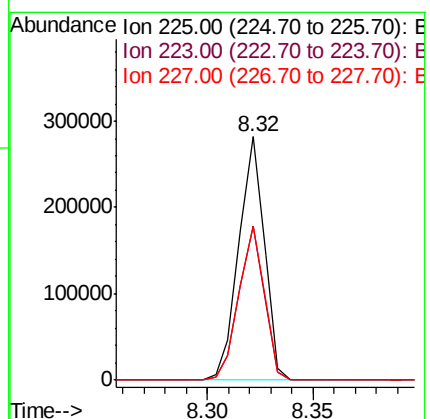
Manual Integrations
APPROVED

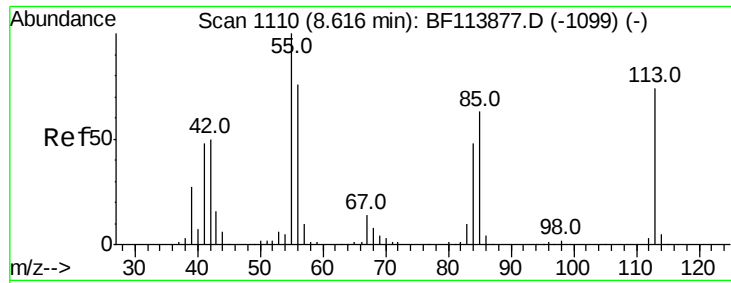
Sohil
4/25/2019 5:26:59 PM



#34
Hexachlorobutadiene
Concen: 43.165 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.1	51.1	76.7		
227	63.4	49.9	74.9		





#35

Caprolactam

Concen: 39.657 ng/ml

RT: 8.61 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampled :

TP-10MSD

Tot Ion:113 Resp: 99190

Ion Ratio Lower Upper

113 100

55 133.1 128.6 168.6

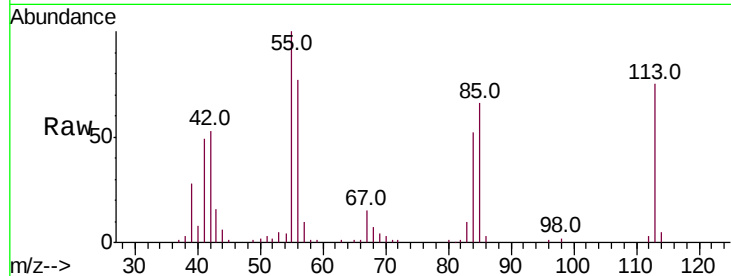
56 102.9 91.9 131.9

Manual Integrations

APPROVED

Sohil

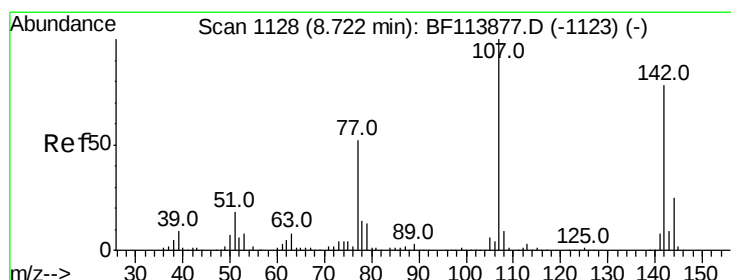
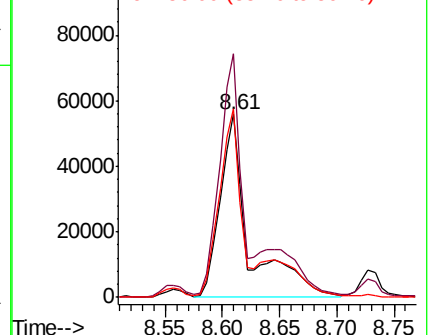
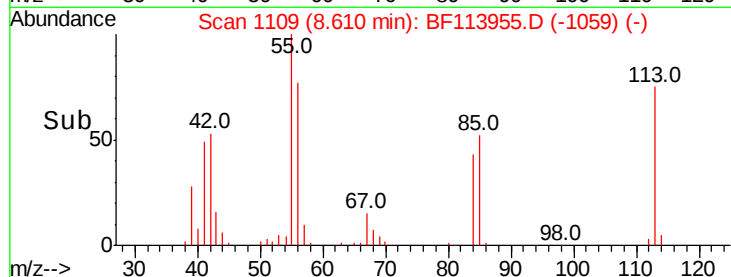
4/25/2019 5:26:59 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 44.864 ng/ml

RT: 8.73 min Scan# 1129

Delta R.T. 0.01 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

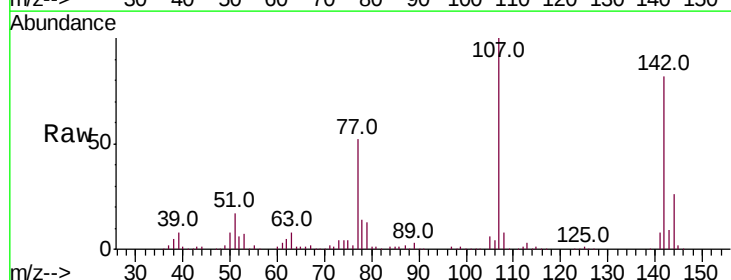
Tgt Ion:107 Resp: 349484

Ion Ratio Lower Upper

107 100

144 26.2 20.5 30.7

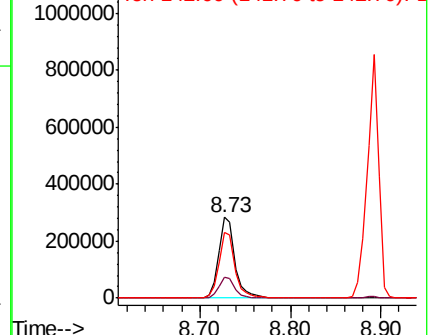
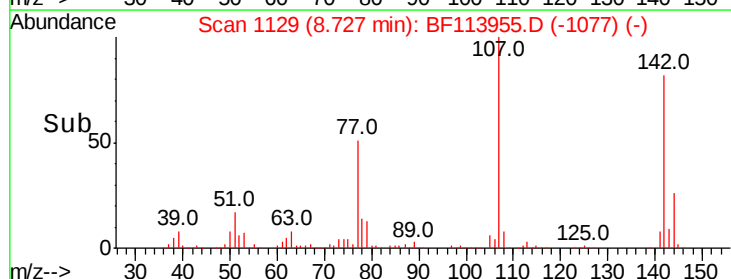
142 81.5 64.2 96.4

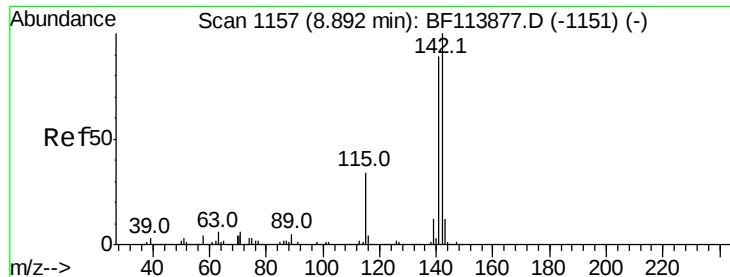


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





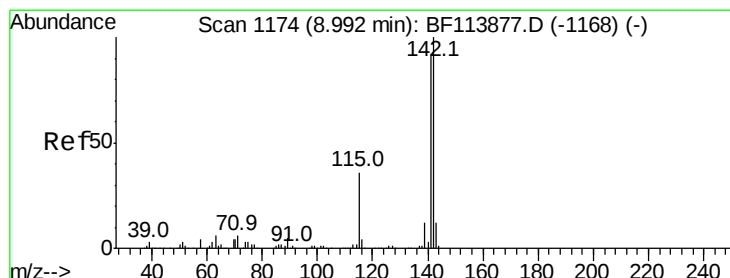
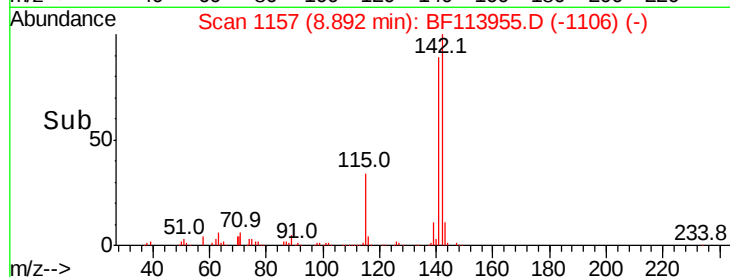
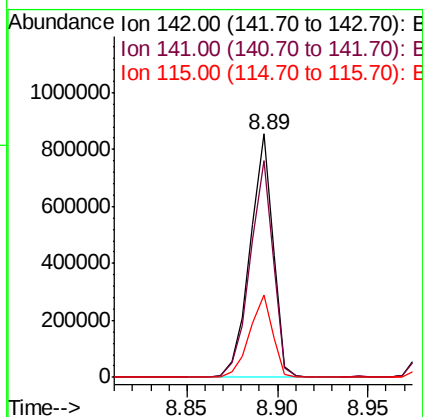
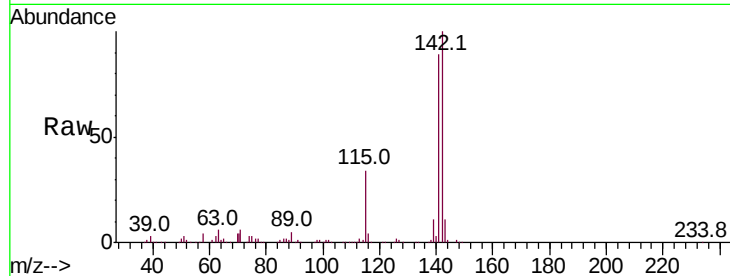
#37
 2-Methylnaphthalene
 Concen: 45.640 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Instrument :
 BNA_F
 ClientSampled :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	70.4	105.6
115	34.1	26.3	39.5

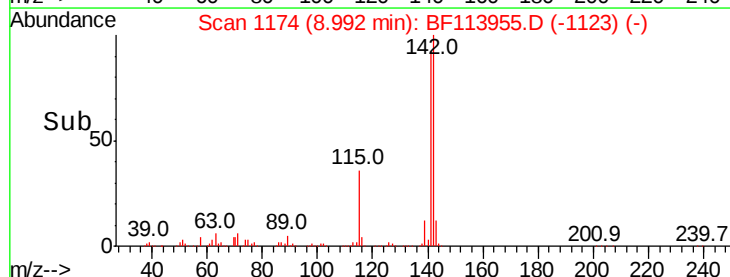
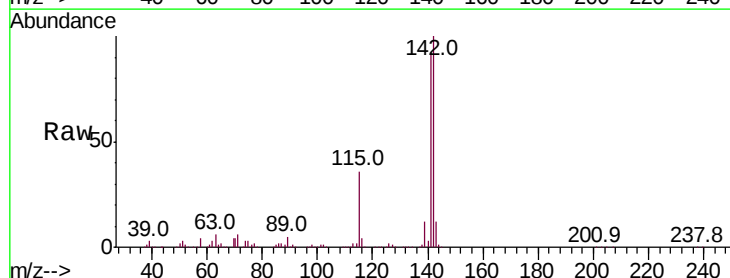
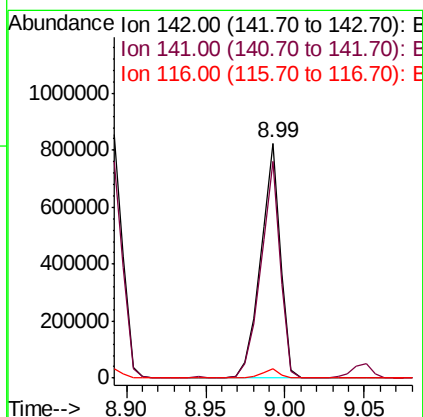
Manual Integrations
 APPROVED

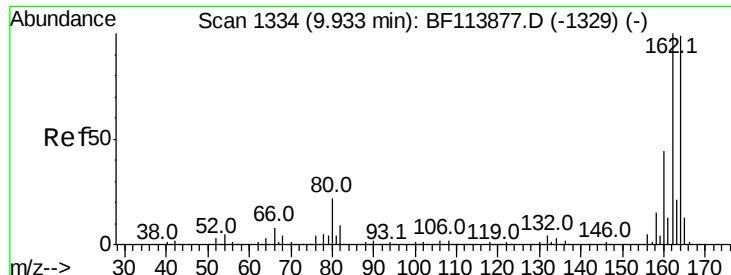
Sohil
 4/25/2019 5:26:59 PM



#38
 1-Methylnaphthalene
 Concen: 44.717 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.2	72.3	108.5
116	3.7	3.0	4.4





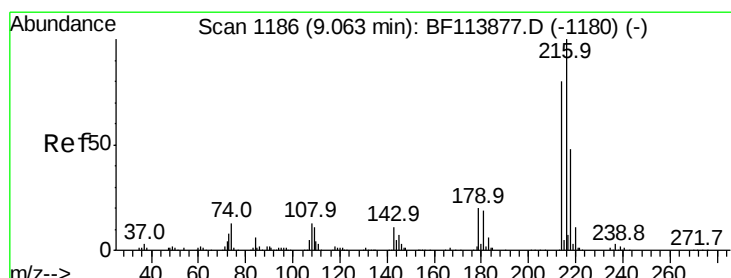
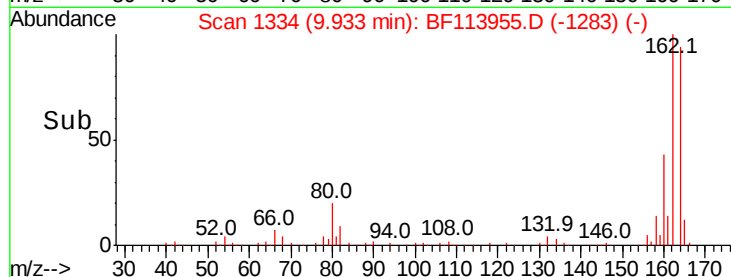
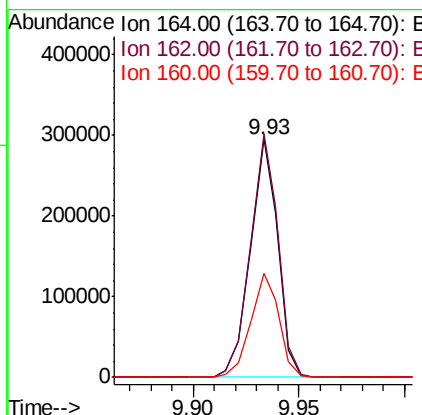
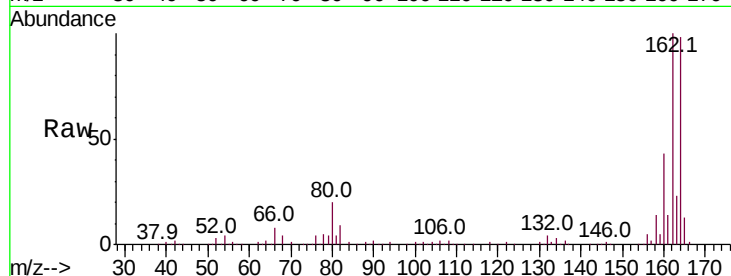
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	266870		
162	102.3		81.1	121.7
160	43.9		35.8	53.6

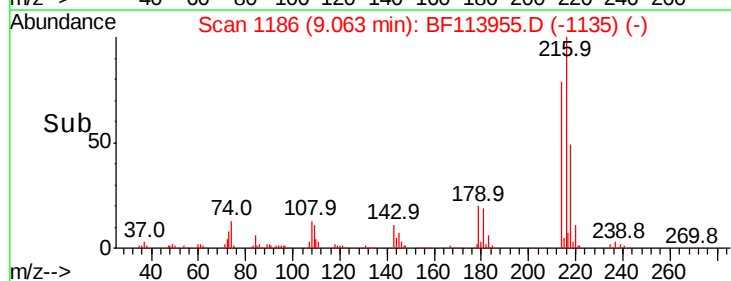
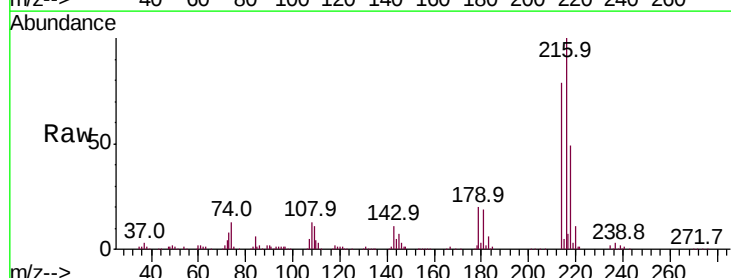
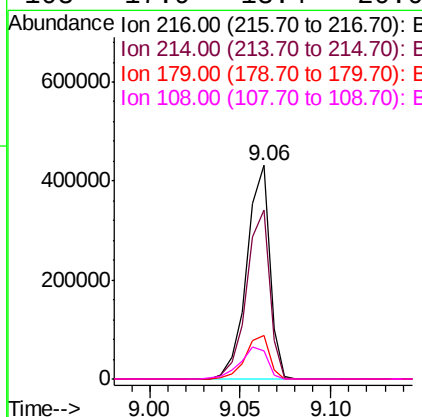
Manual Integrations
APPROVED

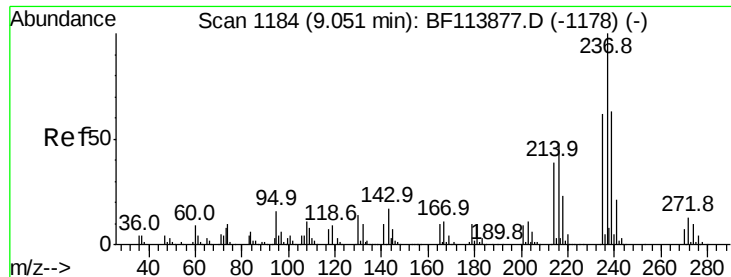
Sohil
4/25/2019 5:26:59 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.086 ng
RT: 9.06 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	382170		
214	79.7		63.5	95.3
179	20.9		16.1	24.1
108	17.9		13.4	20.0





#41

Hexachlorocyclopentadiene

Concen: 87.158 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

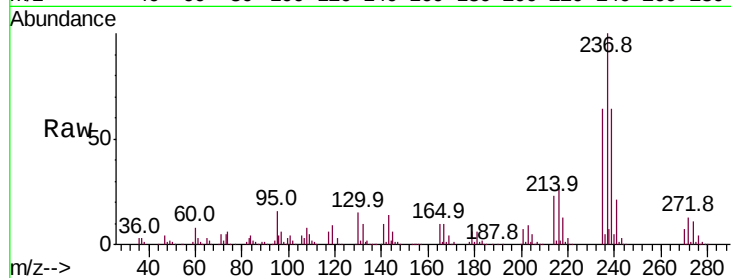
ClientSampleId :

TP-10MSD

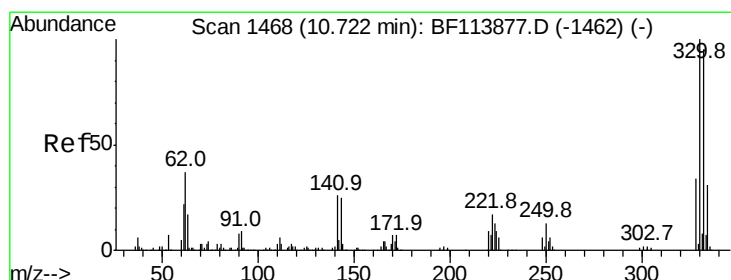
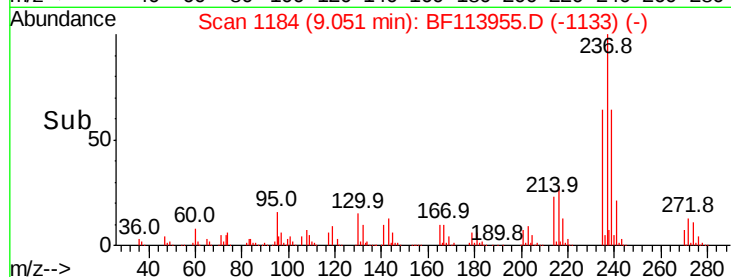
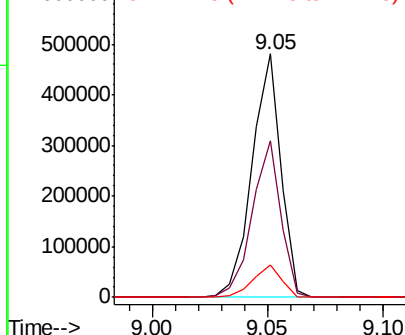
Tot Ion:	237	Resp:	421328
Ion Ratio	Lower	Upper	
237	100		
235	64.2	42.6	82.6
272	13.4	0.0	33.8

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 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: 123.671 ng

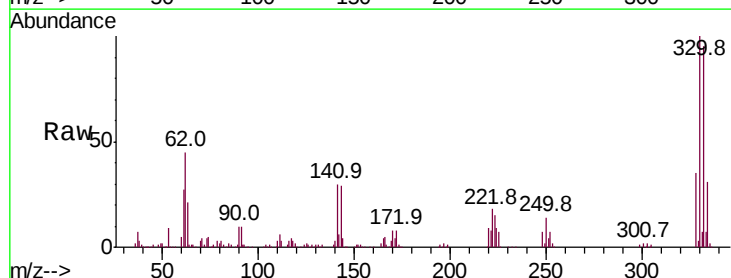
RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

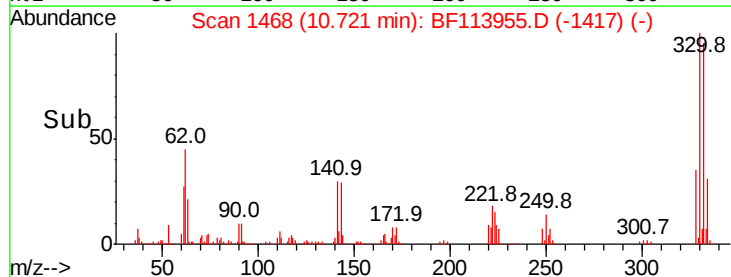
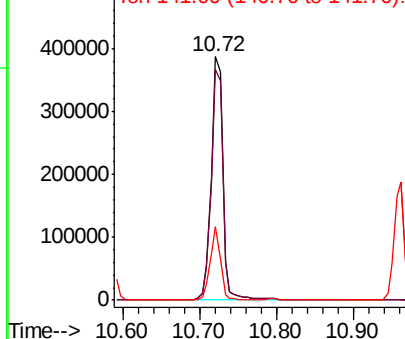
Lab File: BF113955.D

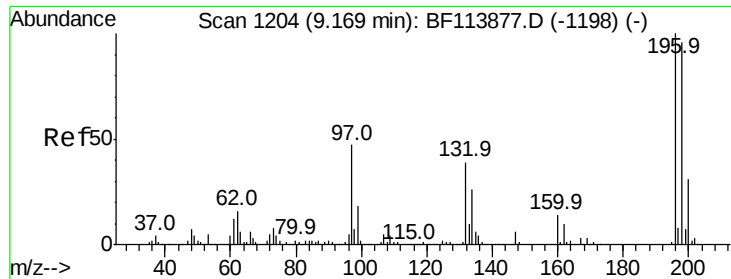
Acq: 24 Apr 2019 12:31

Tgt Ion:	330	Resp:	402057
Ion Ratio	Lower	Upper	
330	100		
332	95.8	77.5	116.3
141	27.1	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





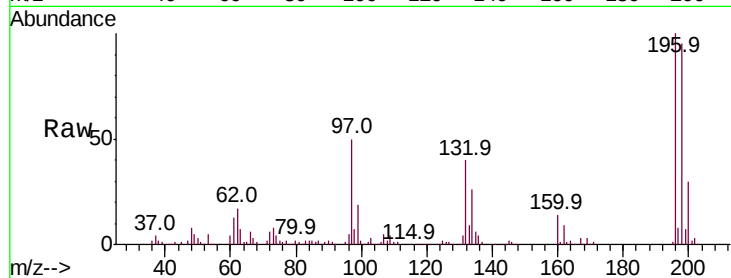
#43
 2,4,6-Trichlorophenol
 Concen: 46.414 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Instrument :
 BNA_F
 ClientSampled :
 TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	255495		
198	95.0	75.6	113.4	
200	30.4	24.7	37.1	

Manual Integrations
 APPROVED

Sohil
 4/25/2019 5:26:59 PM

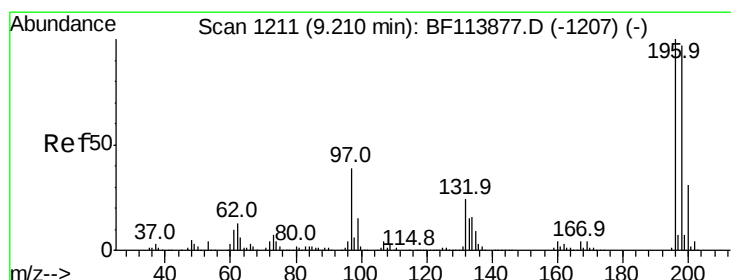
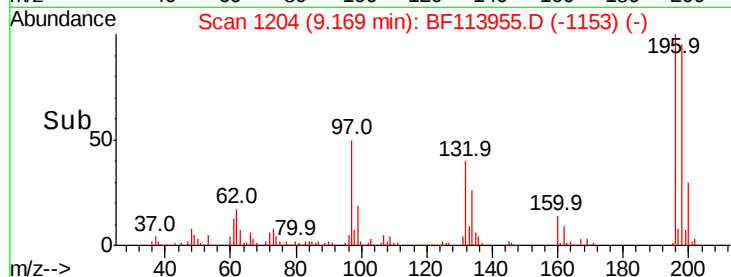
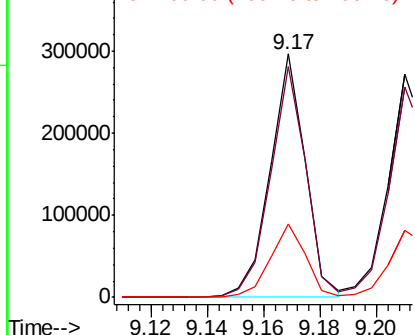


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 46.630 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	287904		
198	94.7	76.2	114.4	
97	42.9	35.8	53.8	
132	26.5	20.9	31.3	

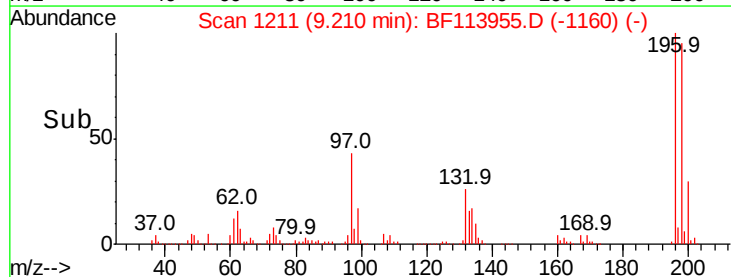
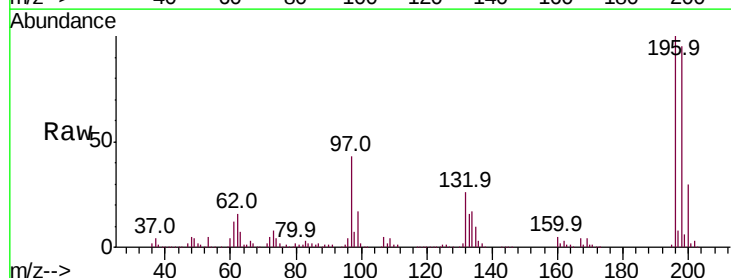
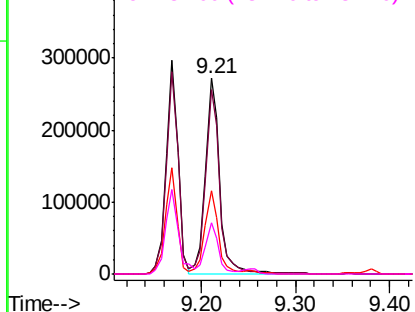
Abundance

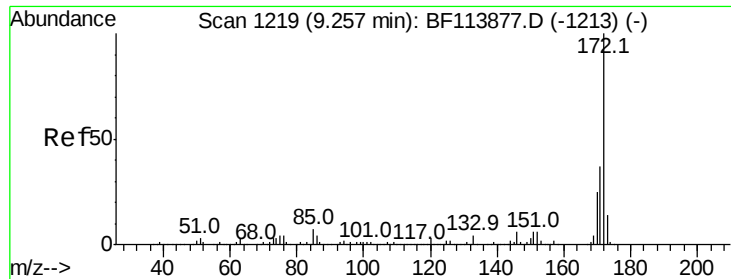
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





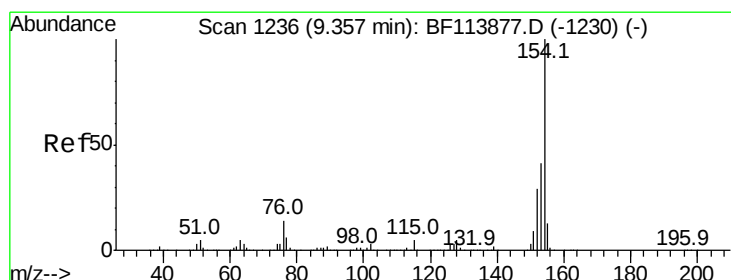
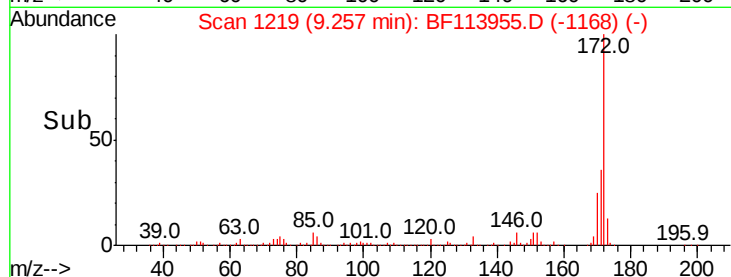
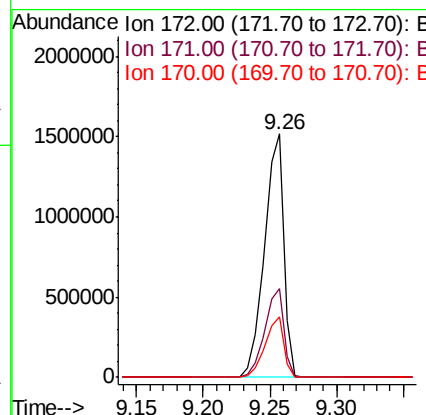
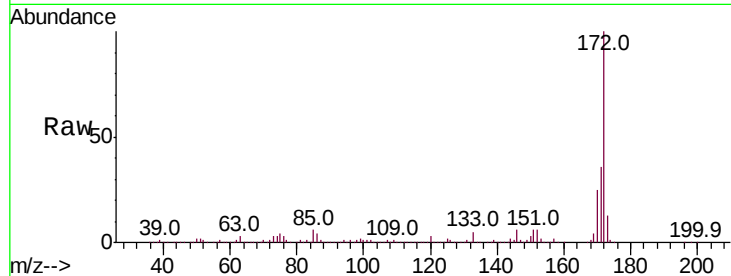
#45
2-Fluorobiphenyl
Concen: 87.924 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.7	19.9	29.9

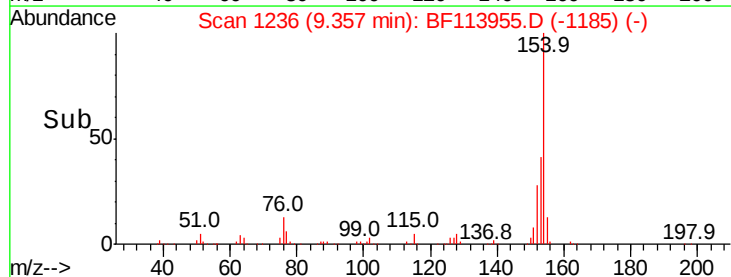
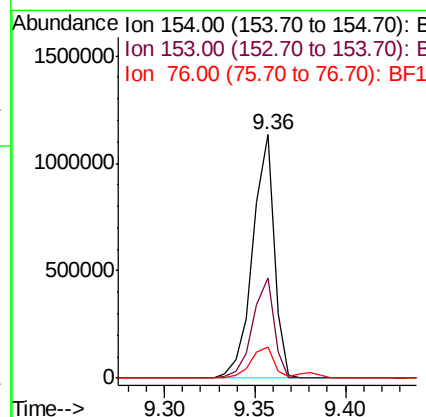
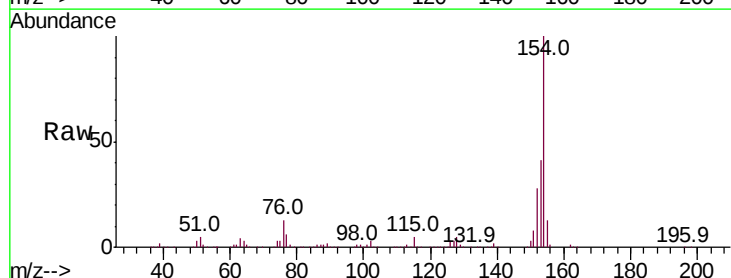
Manual Integrations
APPROVED

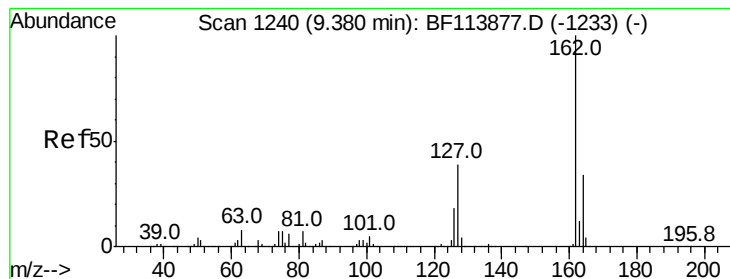
Sohil
4/25/2019 5:26:59 PM



#46
1,1'-Biphenyl
Concen: 45.835 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.8	60.8
76	12.6	0.0	35.2





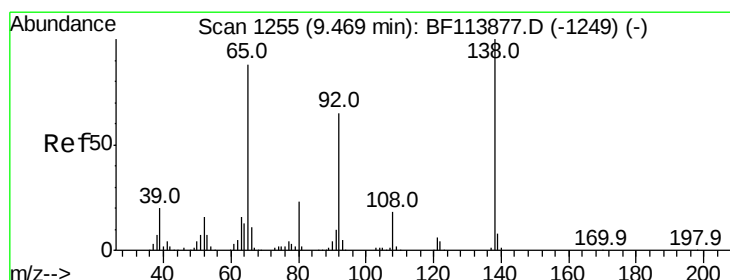
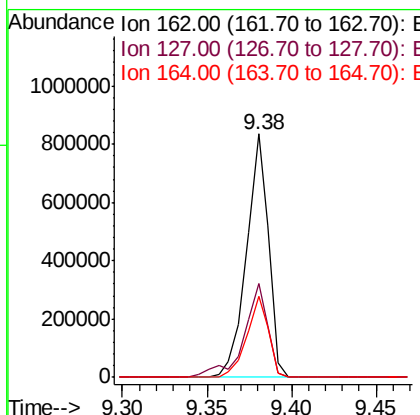
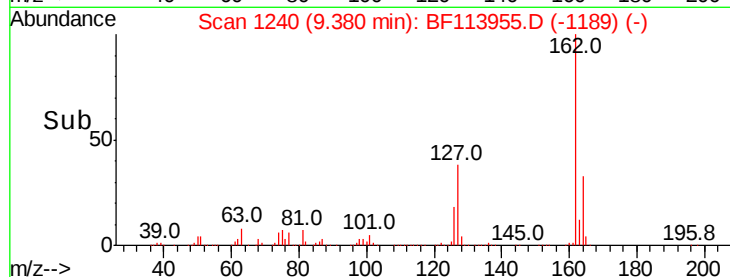
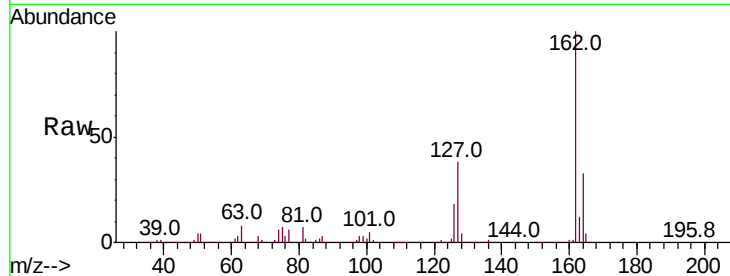
#47
 2-Chloronaphthalene
 Concen: 45.745 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Instrument :
 BNA_F
 ClientSampled :
 TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.4	29.3	43.9	
164	33.3	27.1	40.7	

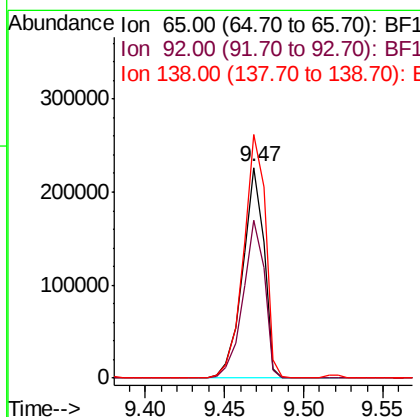
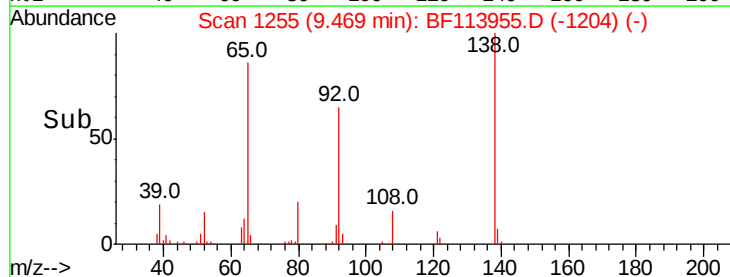
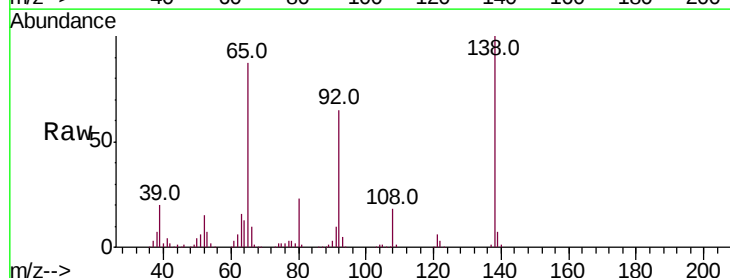
Manual Integrations
 APPROVED

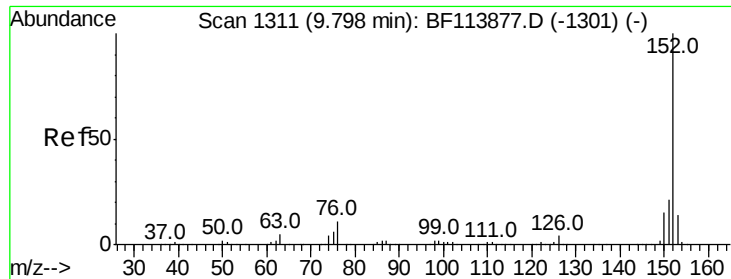
Sohil
 4/25/2019 5:26:59 PM



#48
 2-Nitroaniline
 Concen: 48.192 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	75.3	57.4	86.0	
138	115.6	85.4	128.0	





#49

Acenaphthylene

Concen: 44.611 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

TP-10MSD

Tot Ion:152 Resp: 1157875

Ion Ratio Lower Upper

152 100

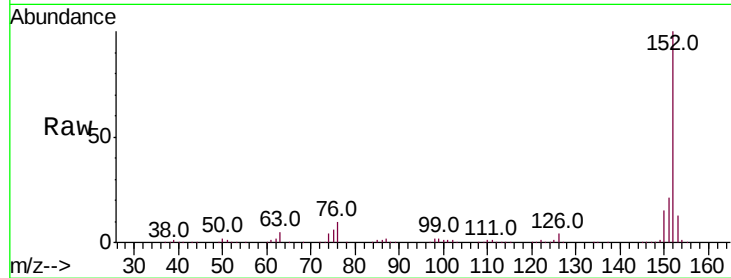
151 20.7 17.0 25.4

153 13.5 11.0 16.6

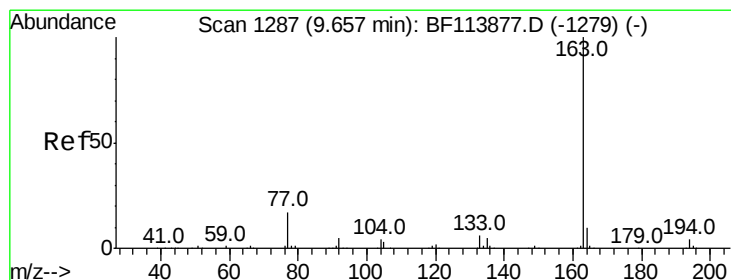
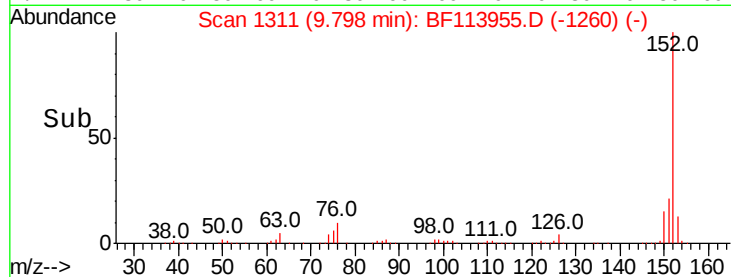
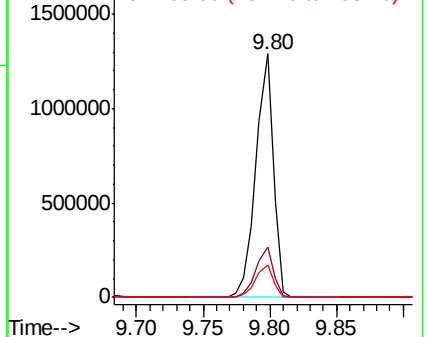
Manual Integrations
APPROVED

Sohil

4/25/2019 5:26:59 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: 51.083 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

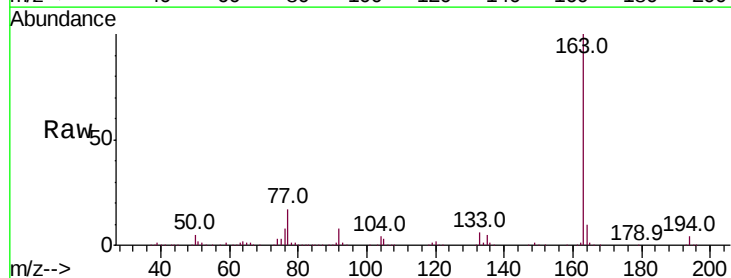
Tgt Ion:163 Resp: 985937

Ion Ratio Lower Upper

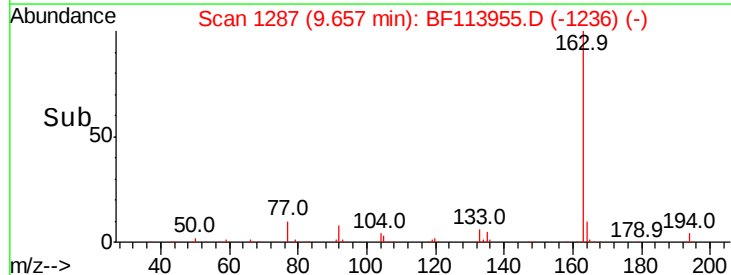
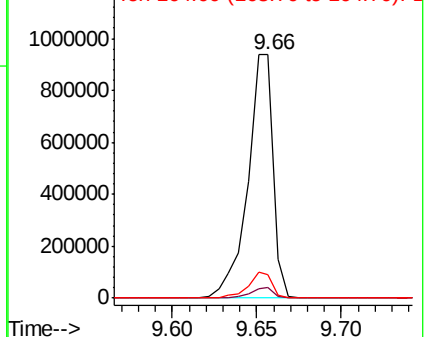
163 100

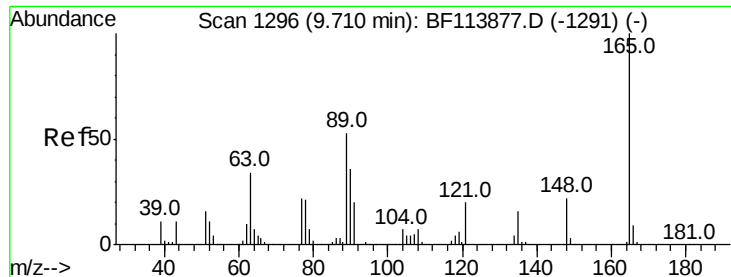
194 4.4 3.4 5.2

164 9.8 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: 49.037 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

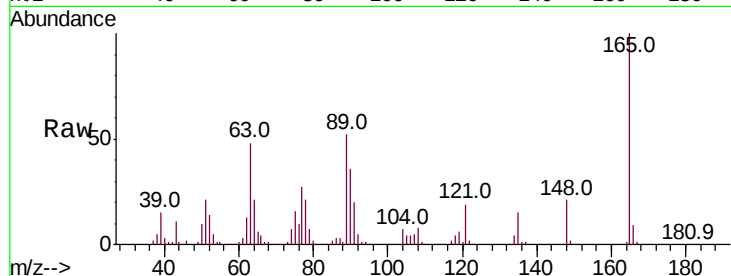
ClientSampled :

TP-10MSD

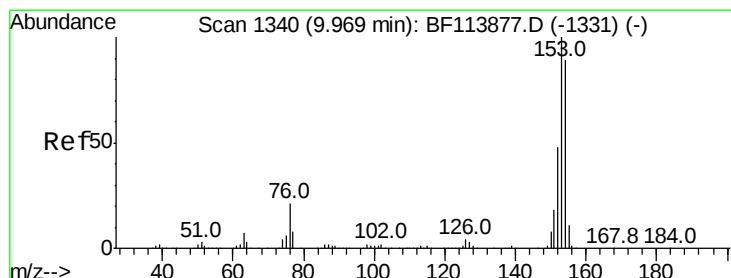
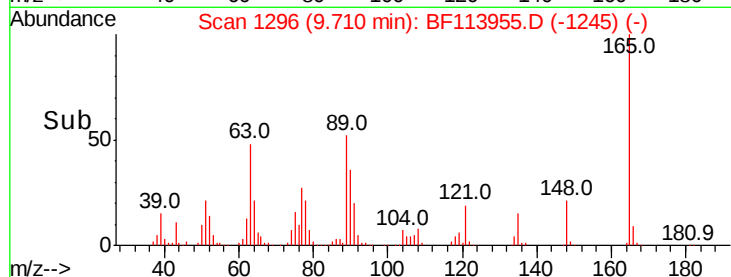
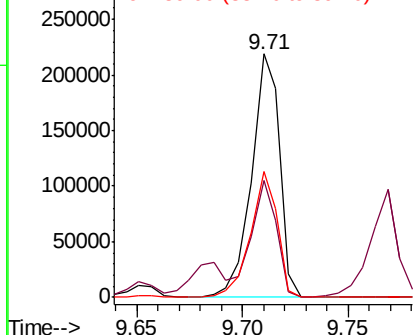
Tot Ion:	165	Resp:	203046
Ion Ratio	Lower	Upper	
165	100		
63	47.9	33.8	50.8
89	51.5	38.2	57.2

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 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: 47.212 ng

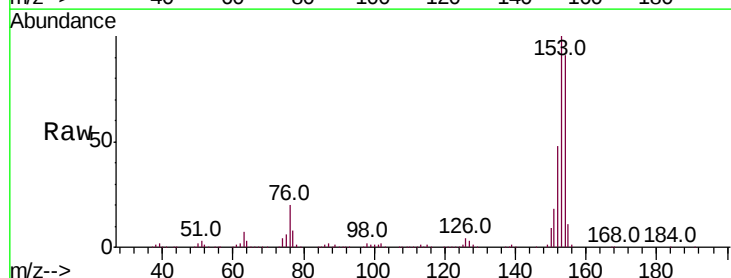
RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

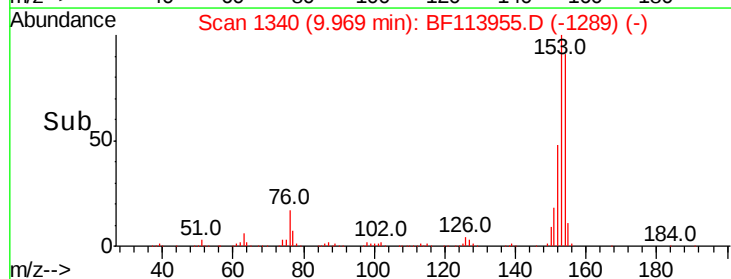
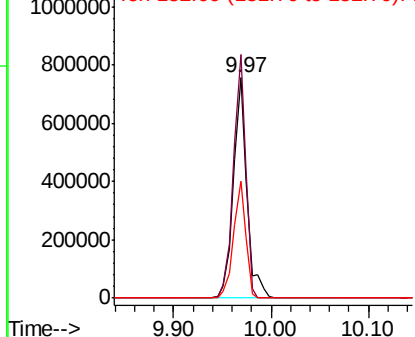
Lab File: BF113955.D

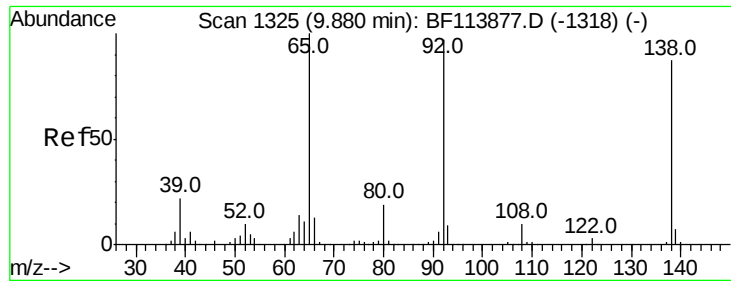
Acq: 24 Apr 2019 12:31

Tgt Ion:	154	Resp:	724171
Ion Ratio	Lower	Upper	
154	100		
153	110.5	87.2	130.8
152	52.9	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





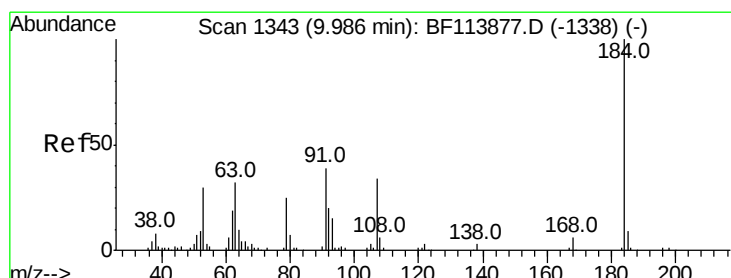
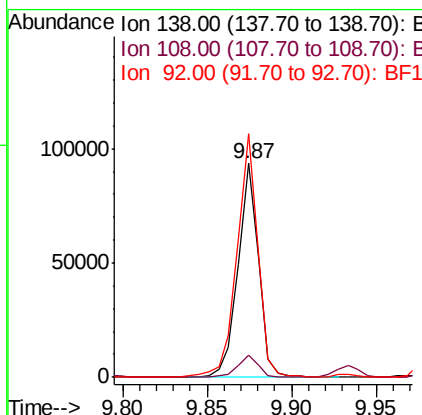
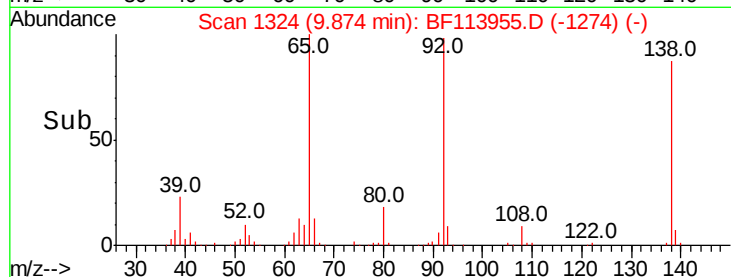
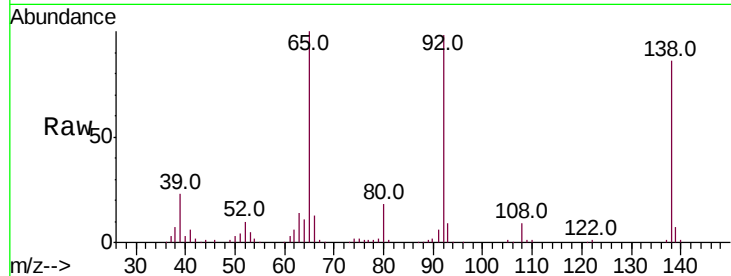
#53
 3-Nitroaniline
 Concen: 18.192 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.01 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Instrument :
 BNA_F
 ClientSampled :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.3	9.4	14.2
92	113.8	94.1	141.1

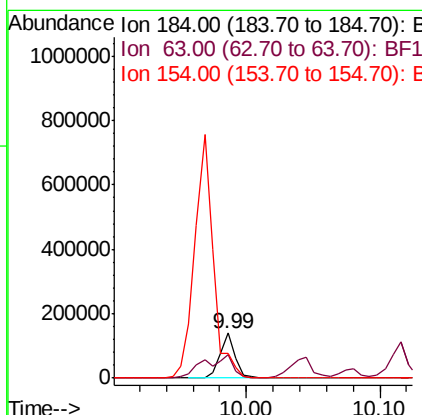
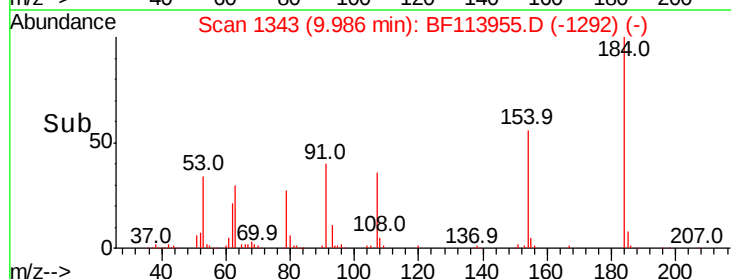
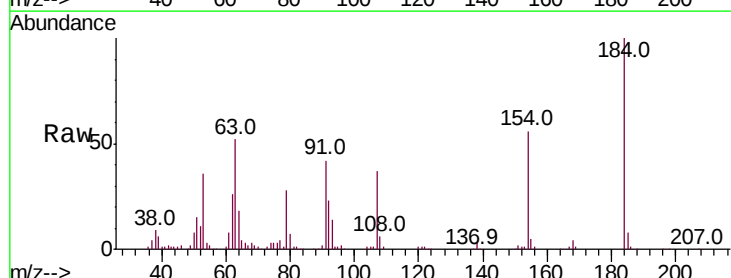
Manual Integrations
 APPROVED

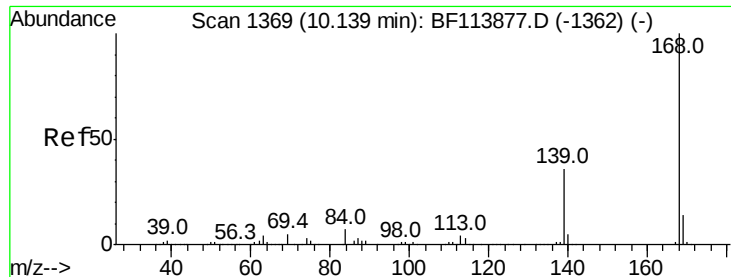
Sohil
 4/25/2019 5:26:59 PM



#54
 2,4-Dinitrophenol
 Concen: 64.324 ng
 RT: 9.99 min Scan# 1343
 Delta R.T. 0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.0	54.6	81.8#
154	55.8	218.6	328.0#





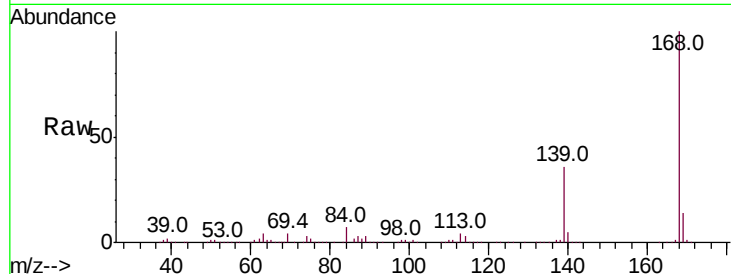
#55
Dibenzenofuran
Concen: 45.737 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampled :
TP-10MSD

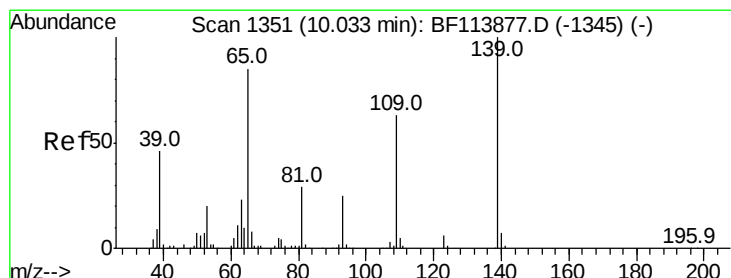
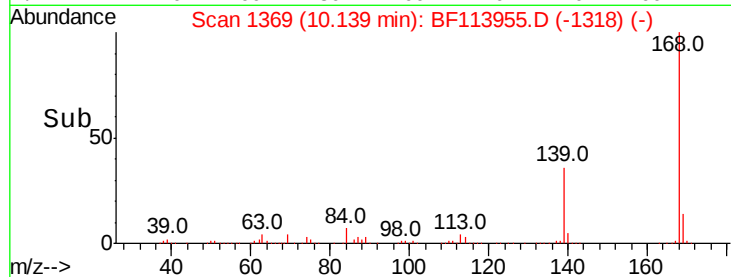
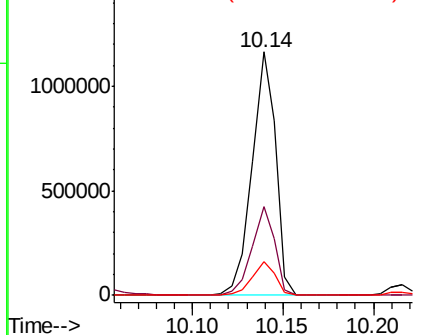
Tot Ion:168 Resp: 1050863
Ion Ratio Lower Upper
168 100
139 36.4 27.8 41.6
169 13.9 11.0 16.6

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 PM

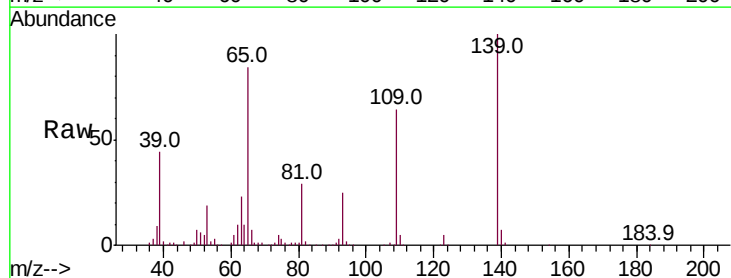


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

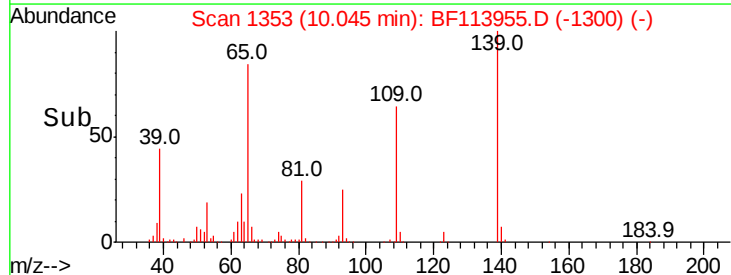
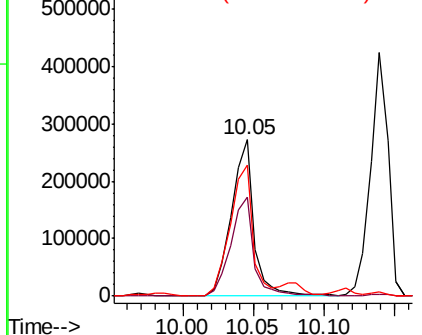


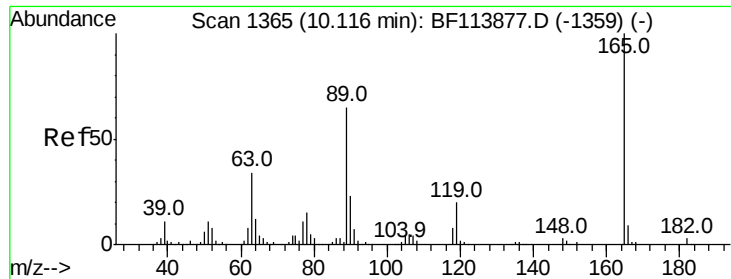
#56
4-Nitrophenol
Concen: 88.487 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion:139 Resp: 304848
Ion Ratio Lower Upper
139 100
109 63.6 42.9 82.9
65 84.1 64.4 104.4



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1





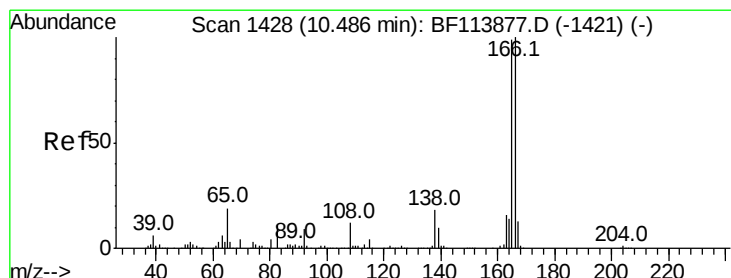
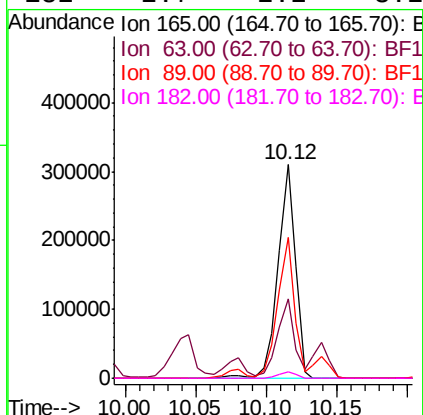
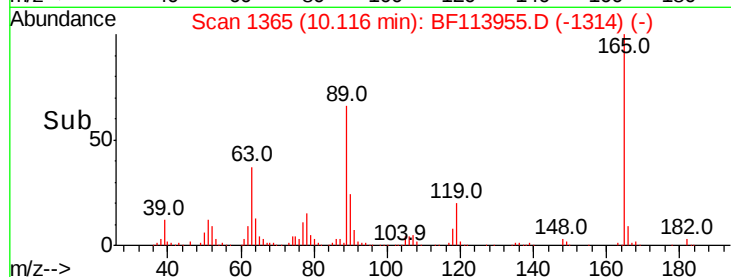
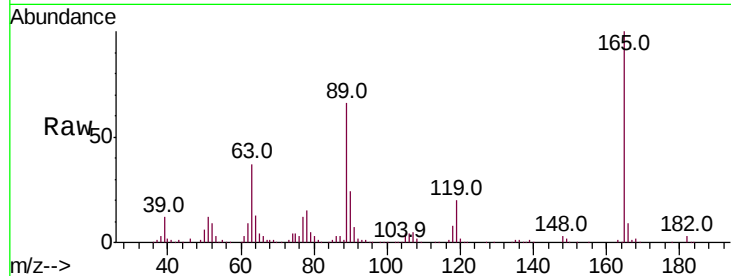
#57
2,4-Dinitrotoluene
Concen: 51.226 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	267729		
63	36.9	27.4	41.0	
89	66.2	51.8	77.6	
182	2.7	2.2	3.2	

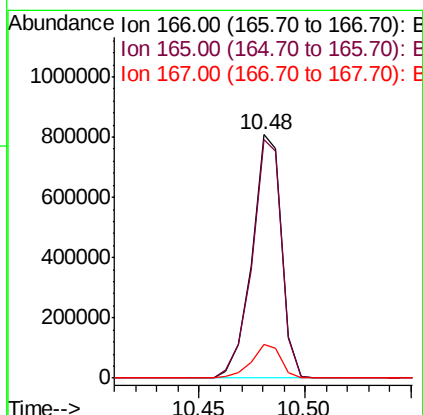
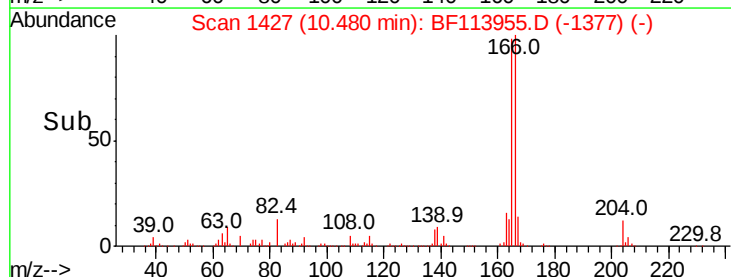
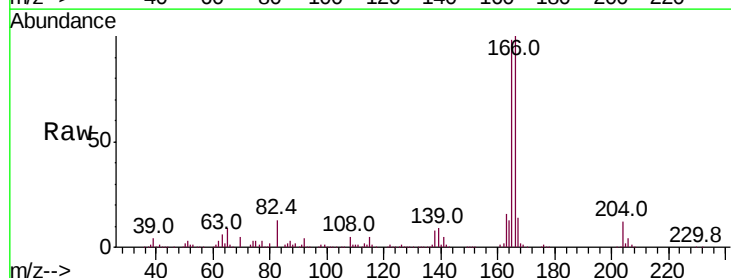
Manual Integrations
APPROVED

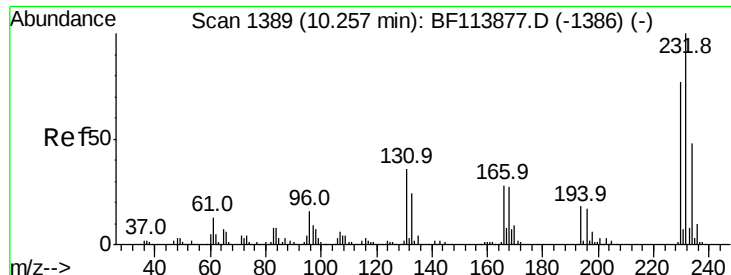
Sohil
4/25/2019 5:26:59 PM



#58
Fluorene
Concen: 45.341 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	784333		
165	97.9	78.4	117.6	
167	13.8	10.9	16.3	





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.759 ng

RT: 10.26 min Scan# 1389

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

TP-10MSD

Tot Ion:232 Resp: 237432

Ion Ratio Lower Upper

232 100

131 38.9 30.2 45.2

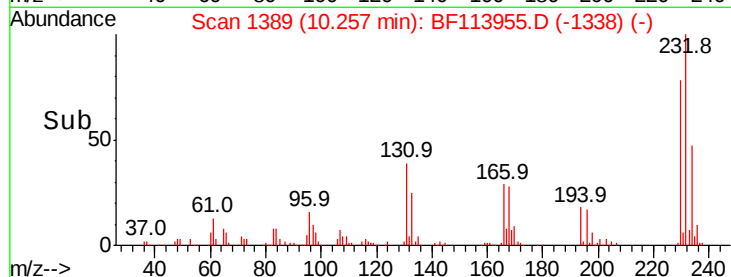
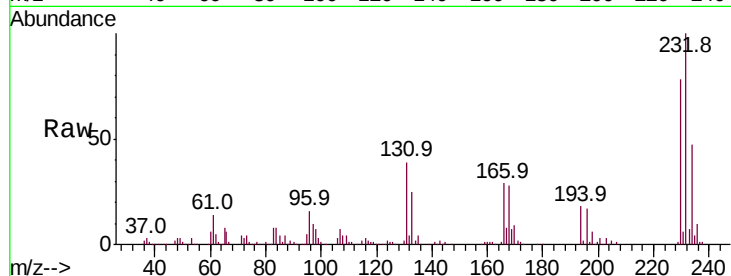
130 1.9 1.5 2.3

166 26.6 22.2 33.4

Manual Integrations
APPROVED

Sohil

4/25/2019 5:26:59 PM



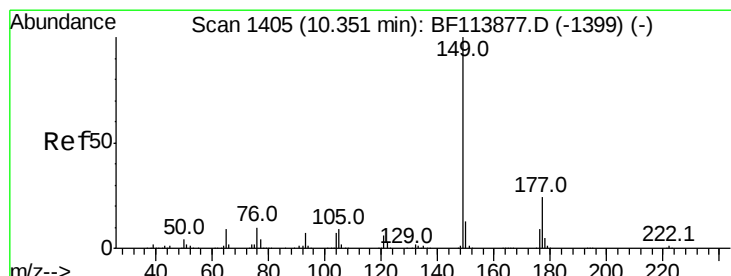
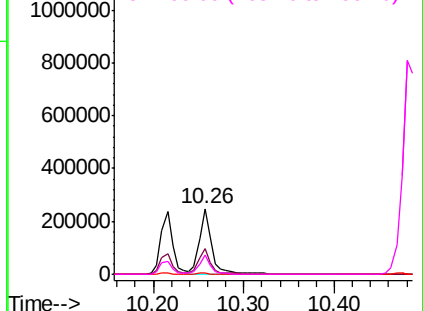
Abundance

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: 45.477 ng

RT: 10.35 min Scan# 1405

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

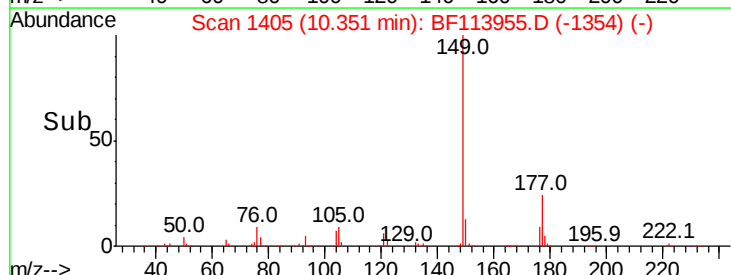
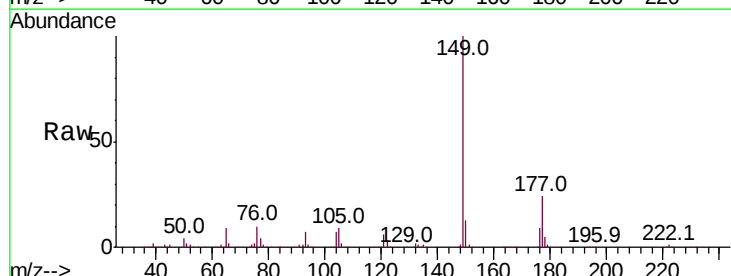
Tgt Ion:149 Resp: 833514

Ion Ratio Lower Upper

149 100

177 23.6 19.2 28.8

150 12.8 10.3 15.5

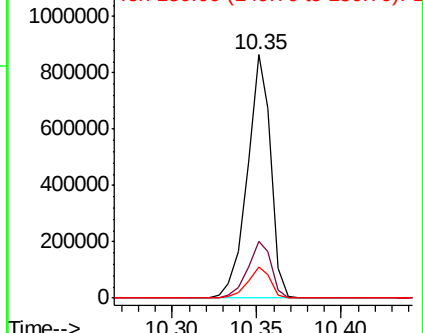


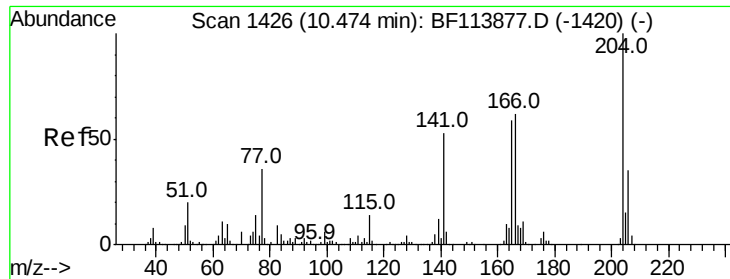
Abundance

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





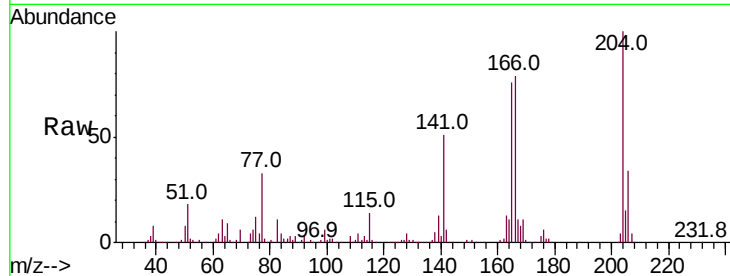
#61
4-Chlorophenyl-phenylether
Concen: 45.283 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.4	41.2
141	51.3	42.6	63.8

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 PM

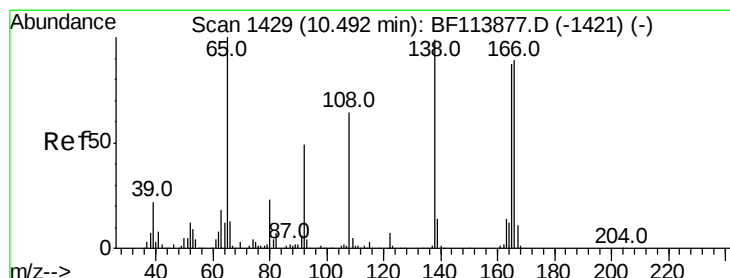
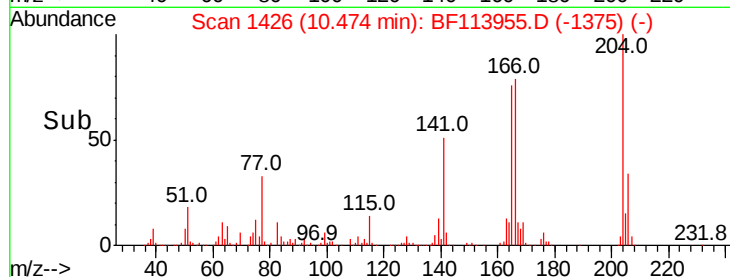
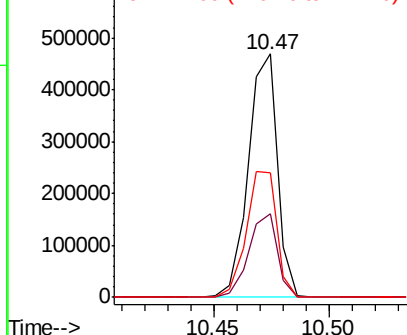


Abundance

Ion 204.00 (203.70 to 204.70): E

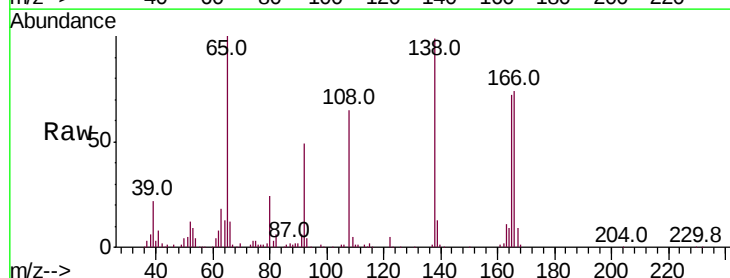
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 43.871 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.1	31.3	71.3
108	65.7	48.9	88.9

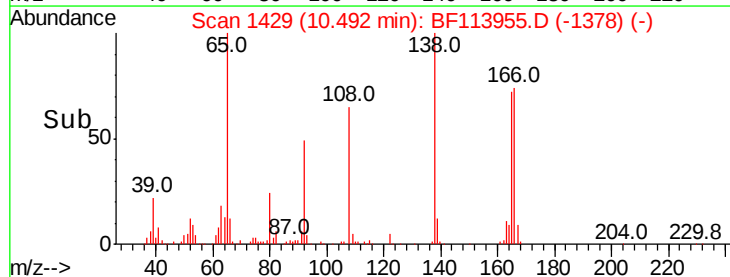
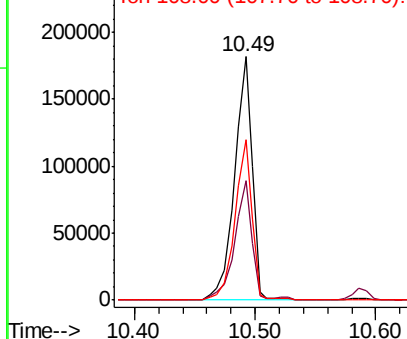


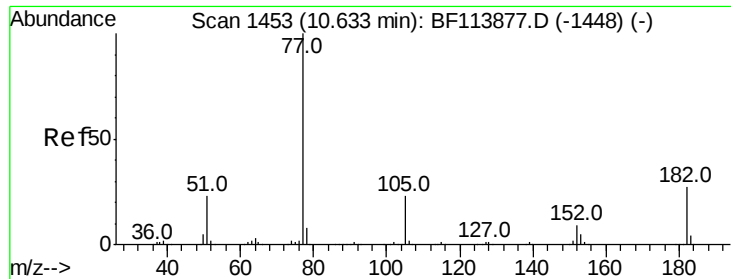
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





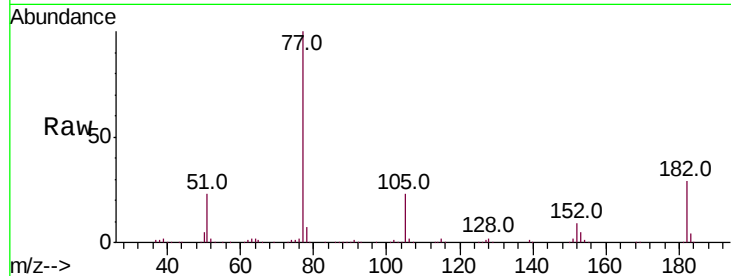
#63
Azobenzene
Concen: 43.875 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampled :
TP-10MSD

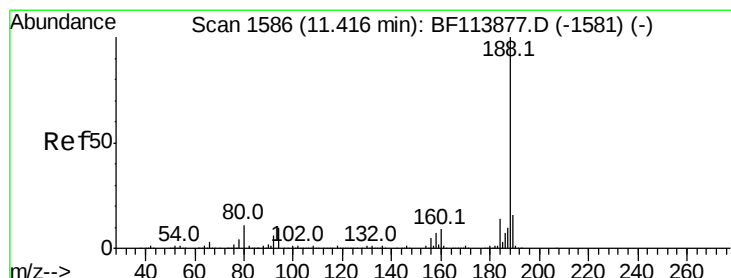
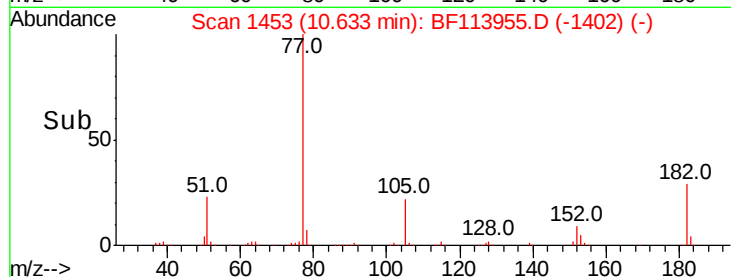
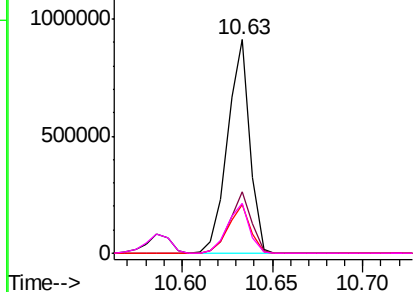
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	28.5	4.4	44.4	
105	22.7	2.2	42.2	
51	23.2	3.9	43.9	

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 PM



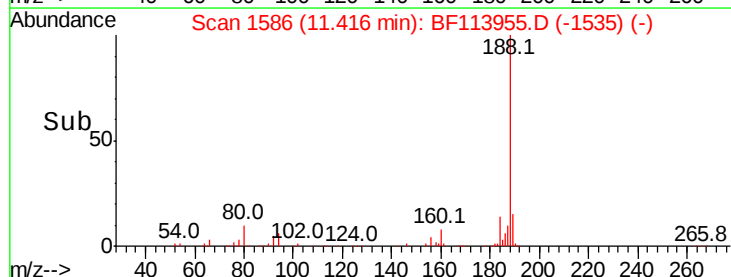
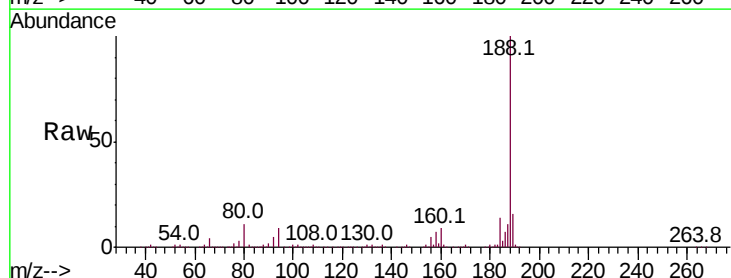
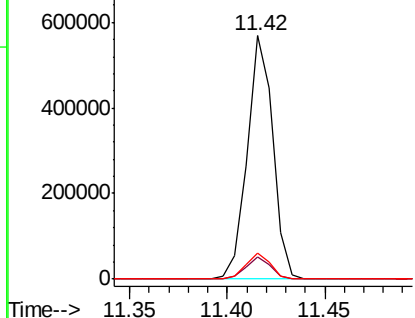
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

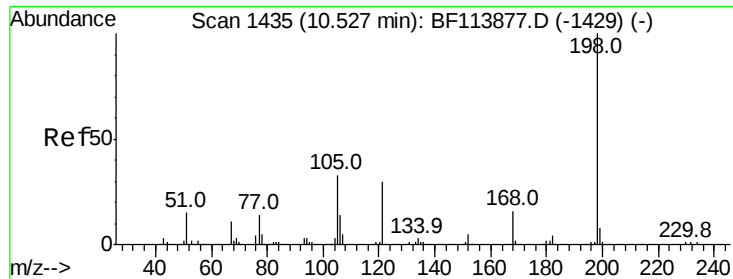


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.3	8.2	12.4	
80	10.6	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





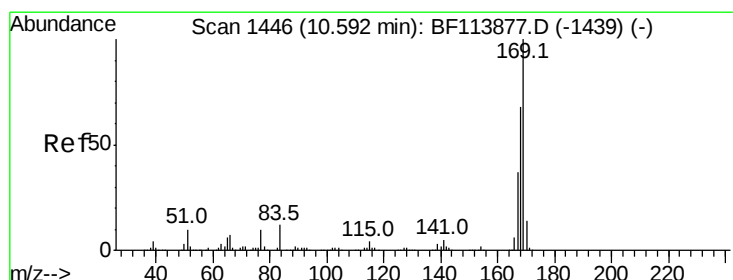
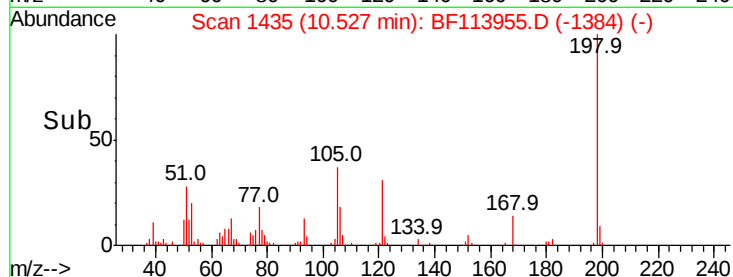
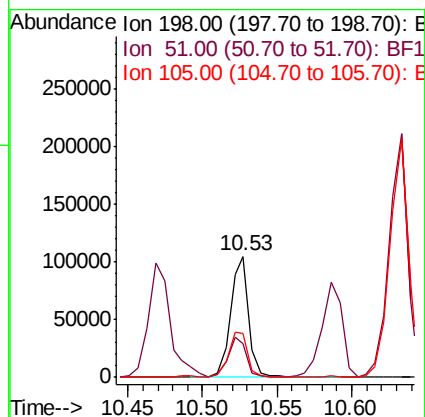
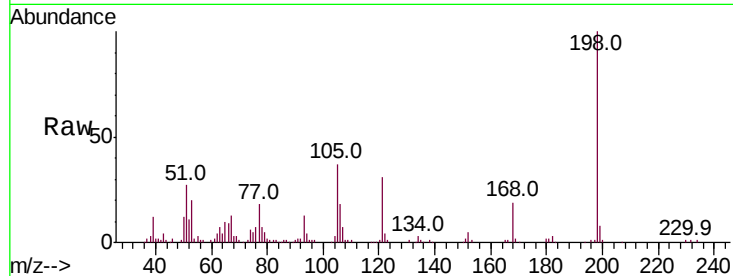
#65
4,6-Dinitro-2-methylphenol
Concen: 39.815 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampled :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
198	100		
51	27.4	11.1	51.1
105	36.6	20.7	60.7

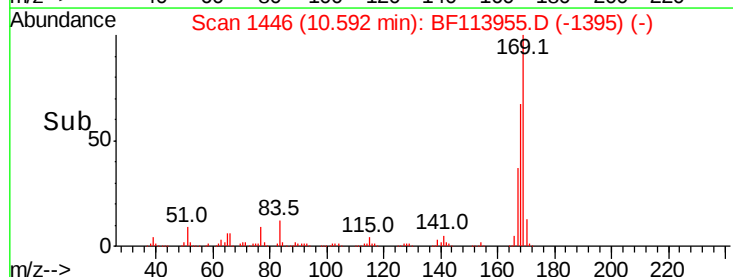
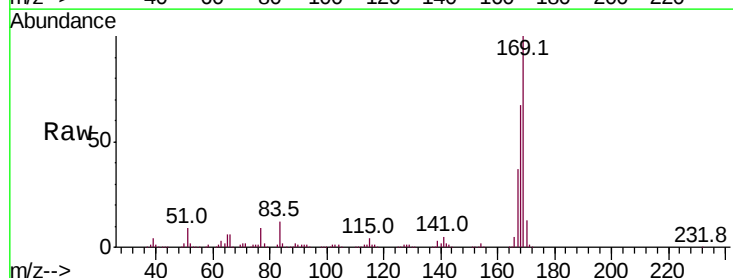
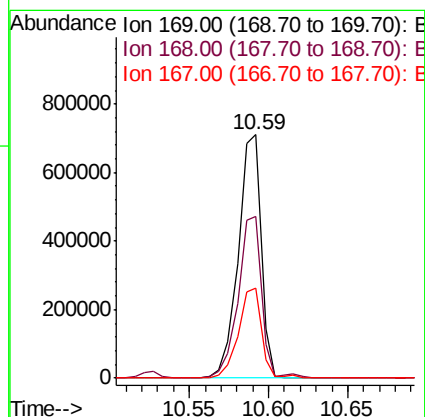
Manual Integrations
APPROVED

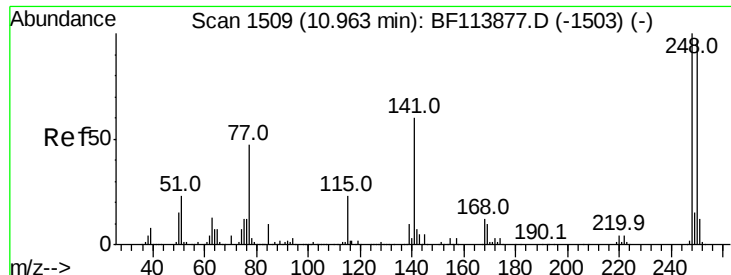
Sohil
4/25/2019 5:26:59 PM



#66
n-Nitrosodiphenylamine
Concen: 46.008 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.3	81.5
167	36.8	29.4	44.0





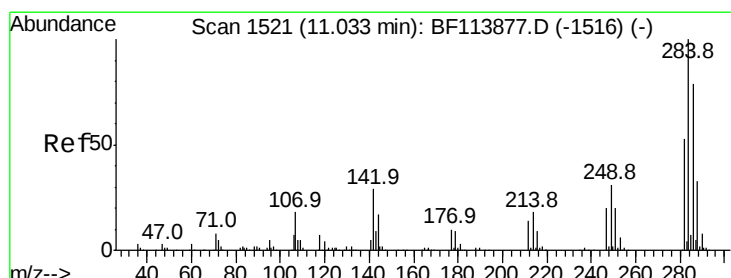
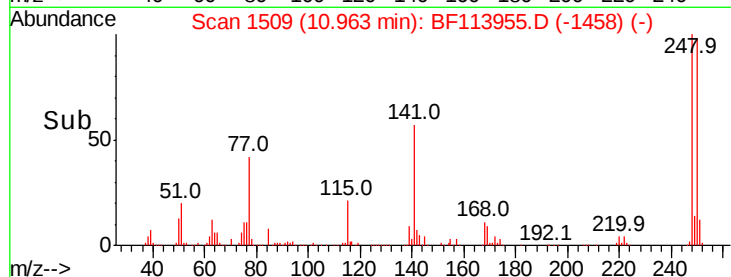
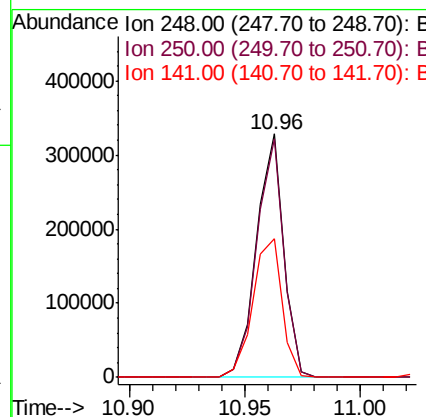
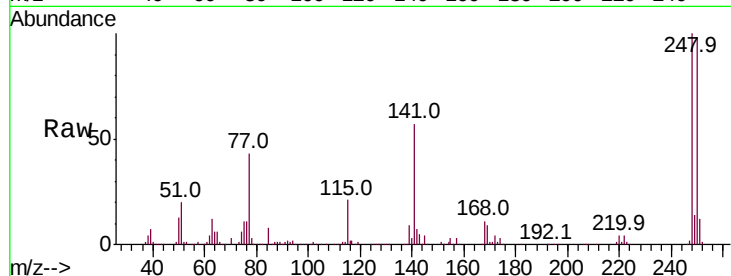
#67
4-Bromophenyl-phenylether
Concen: 43.444 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.7	75.8	113.6
141	57.2	50.2	75.4

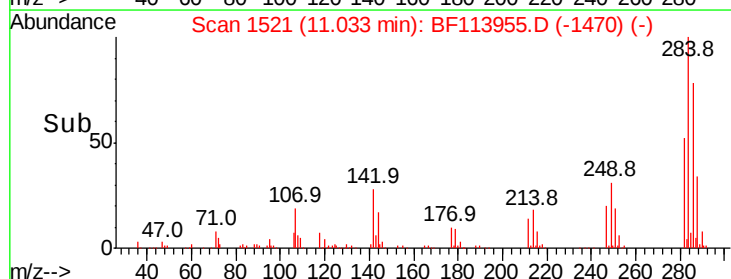
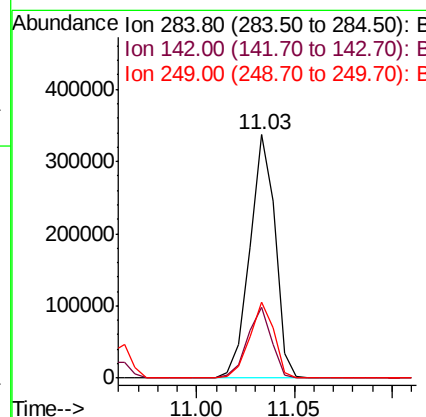
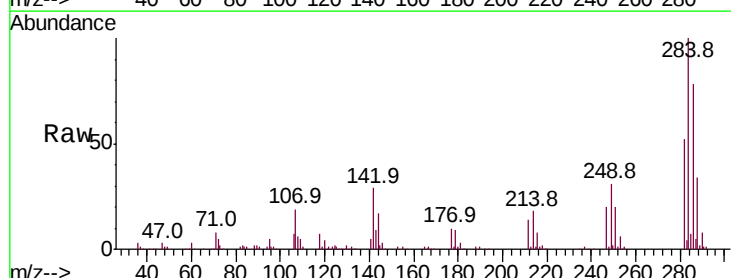
Manual Integrations
APPROVED

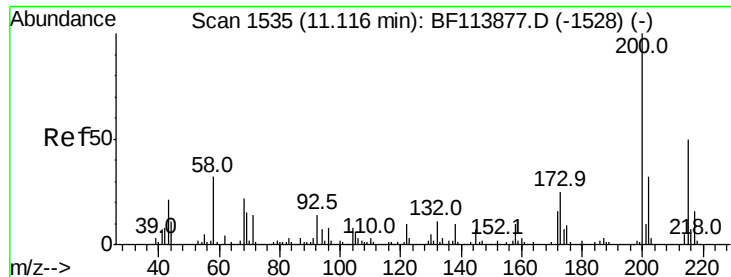
Sohil
4/25/2019 5:26:59 PM



#68
Hexachlorobenzene
Concen: 44.032 ng
RT: 11.03 min Scan# 1521
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.0	23.0	34.4
249	31.4	24.4	36.6





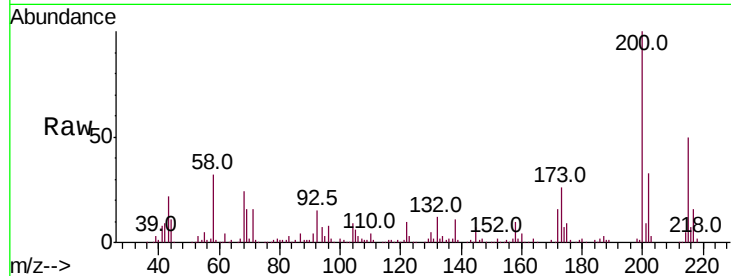
#69
Atrazine
Concen: 46.994 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

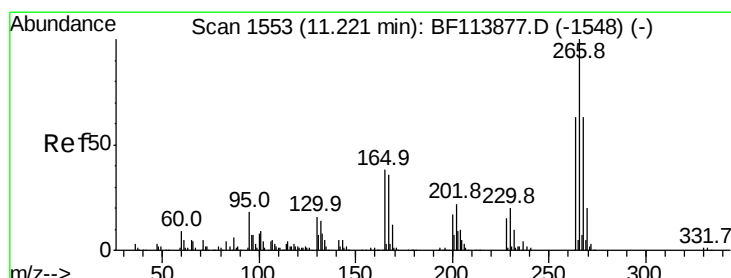
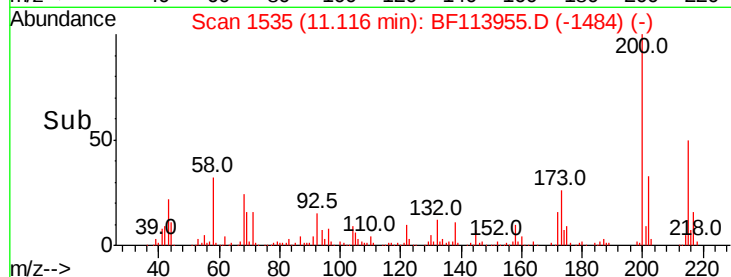
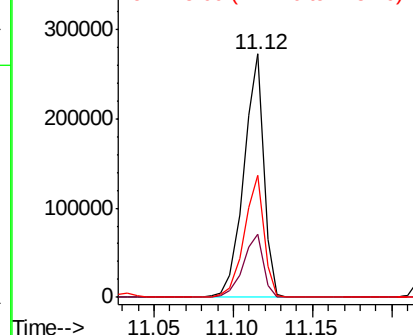
Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	26.0	5.9	45.9
215	50.3	29.3	69.3

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 PM

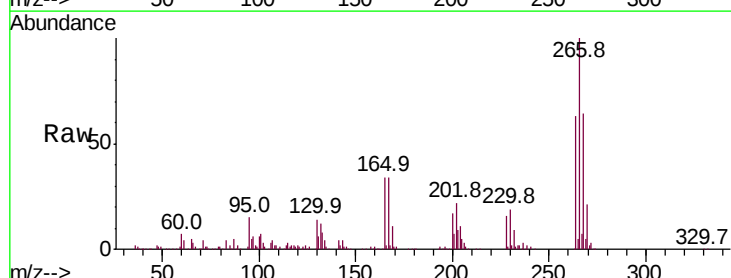


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

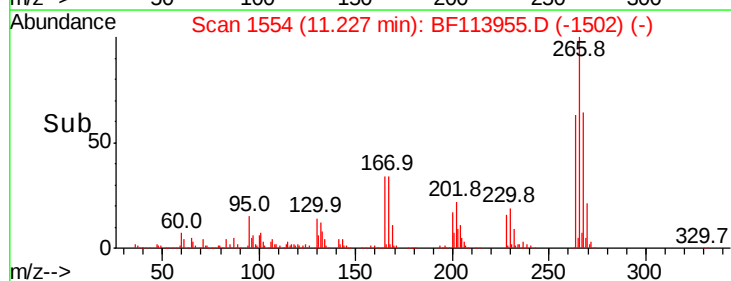
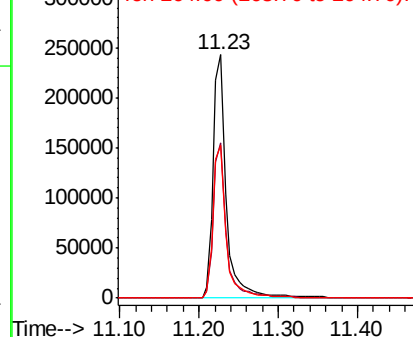


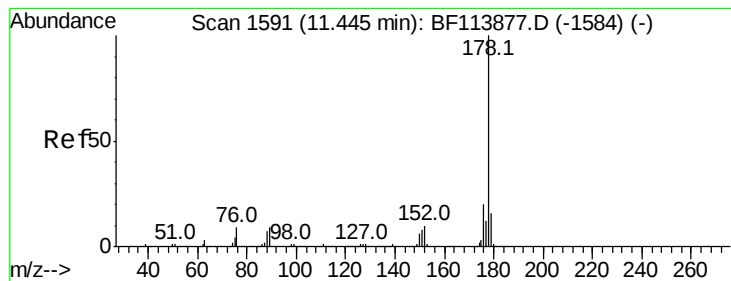
#70
Pentachlorophenol
Concen: 73.142 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.6	53.5	80.3
264	62.8	51.0	76.6



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





#71

Phenanthrene

Concen: 45.618 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

TP-10MSD

Tot Ion:178 Resp: 1184908

Ion Ratio Lower Upper

178 100

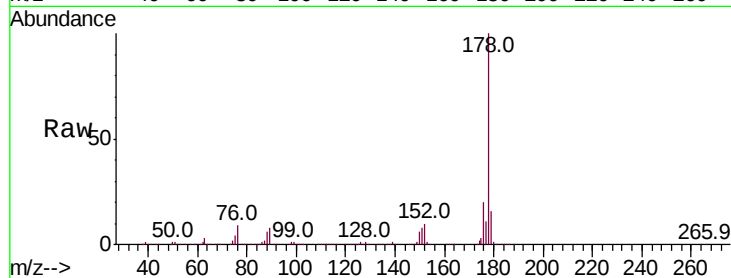
176 20.0 16.1 24.1

179 15.7 12.8 19.2

Manual Integrations
APPROVED

Sohil

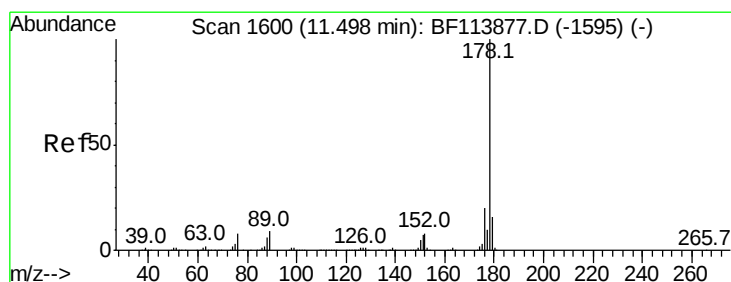
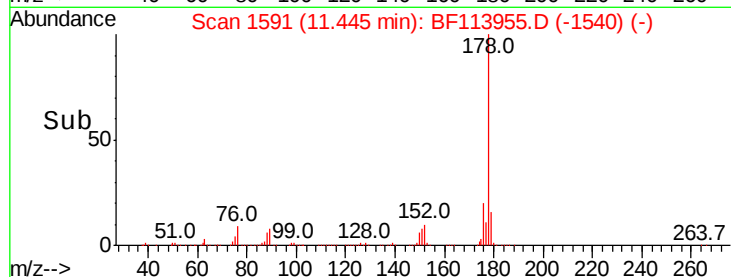
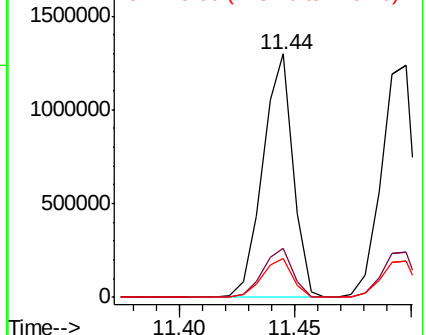
4/25/2019 5:26:59 PM



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: 46.018 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Tgt Ion:178 Resp: 1207043

Ion Ratio Lower Upper

178 100

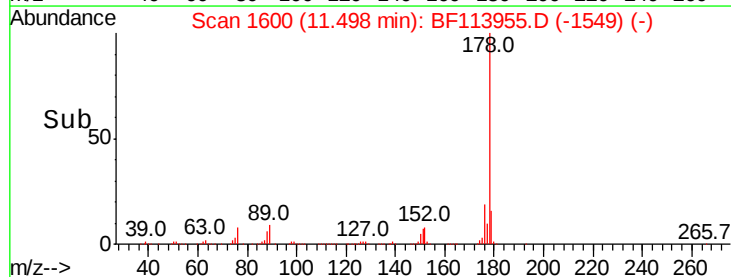
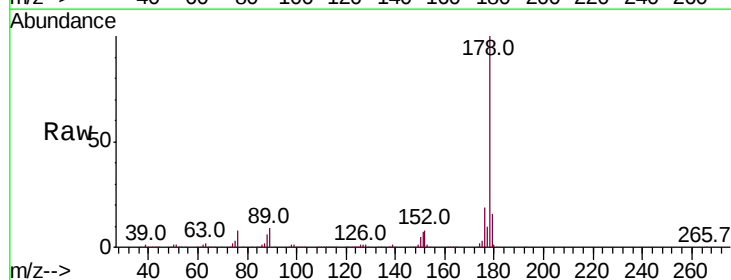
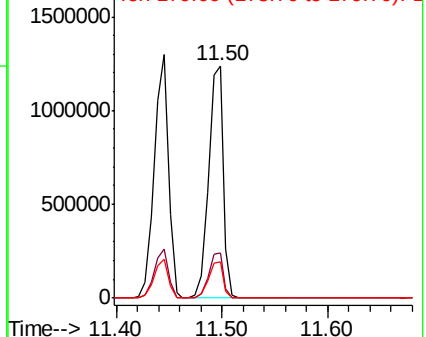
176 19.3 15.7 23.5

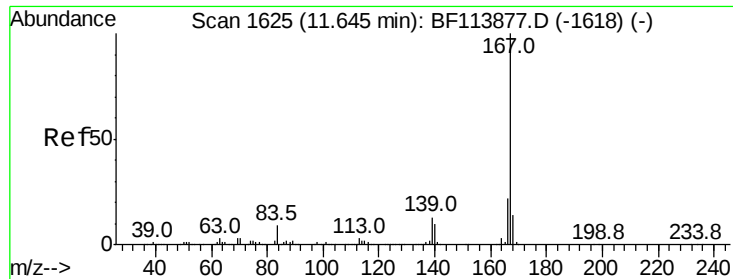
179 15.8 13.0 19.4

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





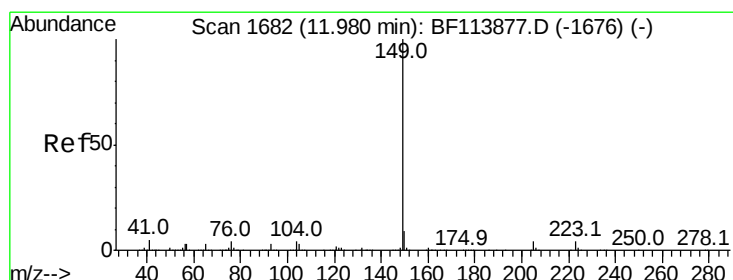
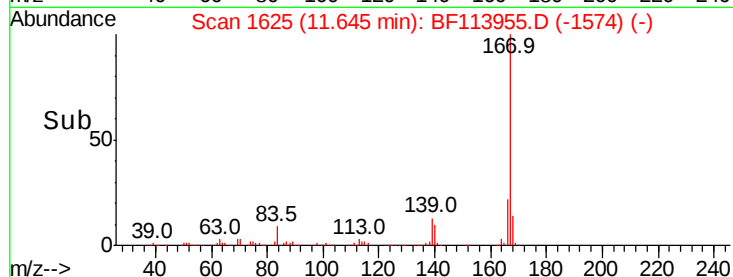
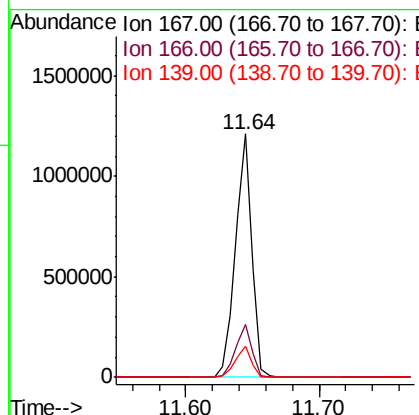
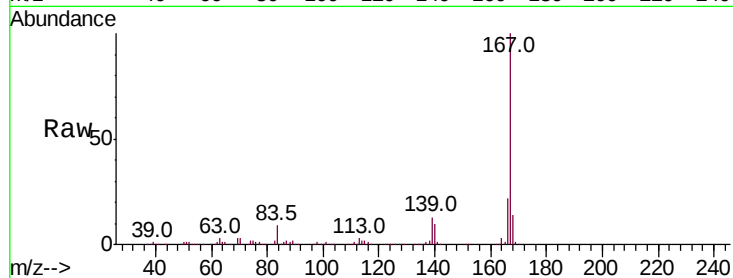
#73
 Carbazole
 Concen: 44.998 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-10MSD

Tot Ion	Ion	Ratio	Lower	Upper
167	100			
166	22.0	17.7	26.5	
139	12.7	10.0	15.0	

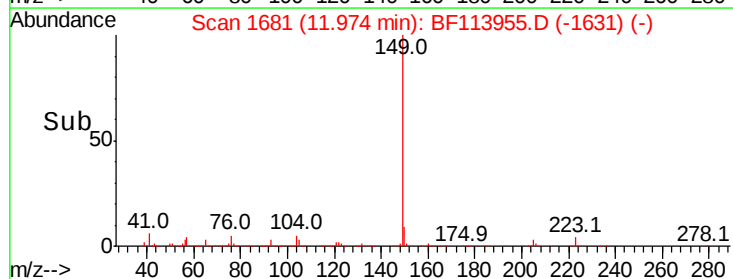
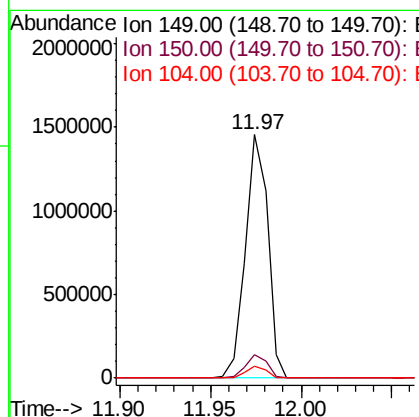
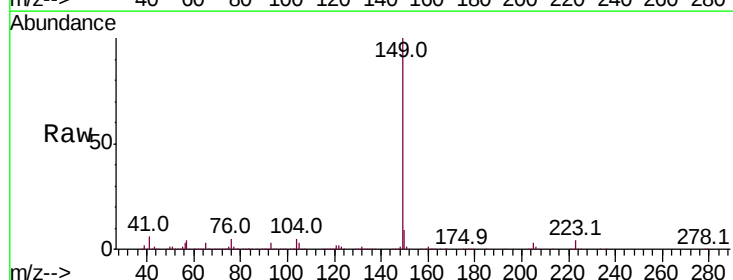
Manual Integrations
 APPROVED

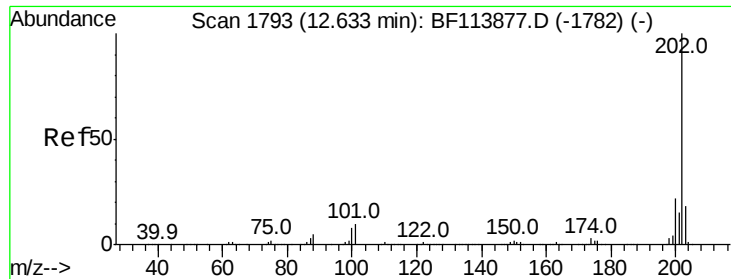
Sohil
 4/25/2019 5:26:59 PM



#74
 Di-n-butylphthalate
 Concen: 45.365 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion	Ion	Ratio	Lower	Upper
149	100			
150	9.4	7.8	11.8	
104	4.7	3.8	5.8	





#75

Fluoranthene

Concen: 41.656 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

TP-10MSD

Tot Ion:202 Resp: 1180479

Ion Ratio Lower Upper

202 100

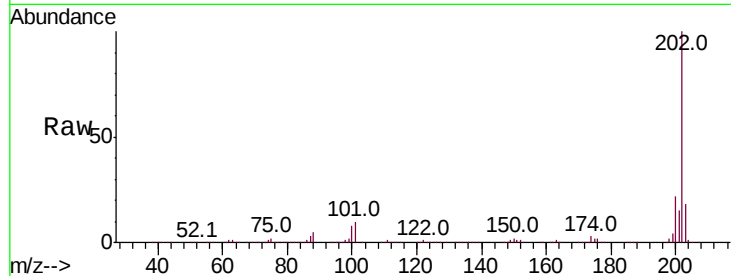
101 10.3 0.0 32.9

203 17.6 0.0 38.2

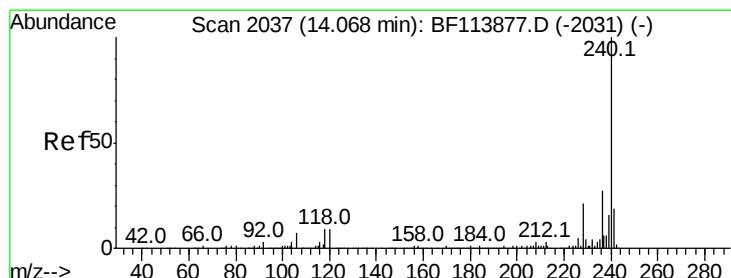
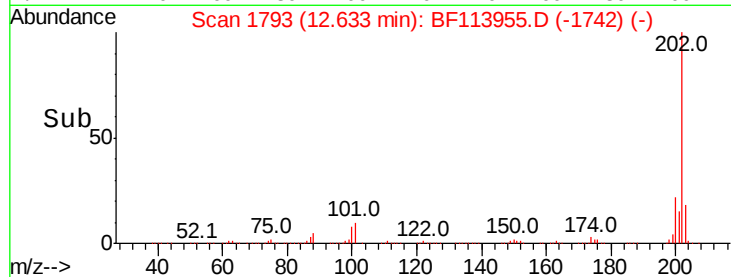
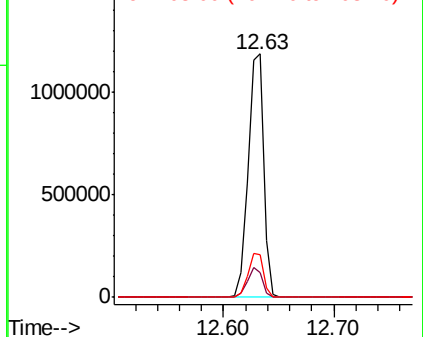
Manual Integrations
APPROVED

Sohil

4/25/2019 5:26:59 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.01 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Tgt Ion:240 Resp: 323282

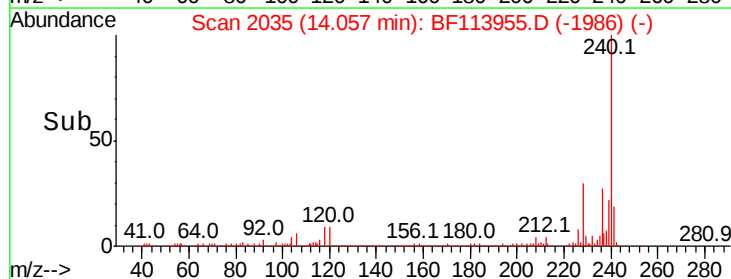
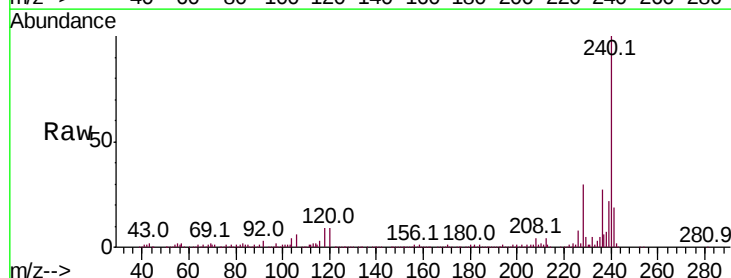
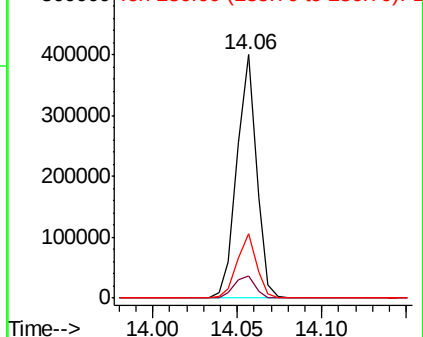
Ion Ratio Lower Upper

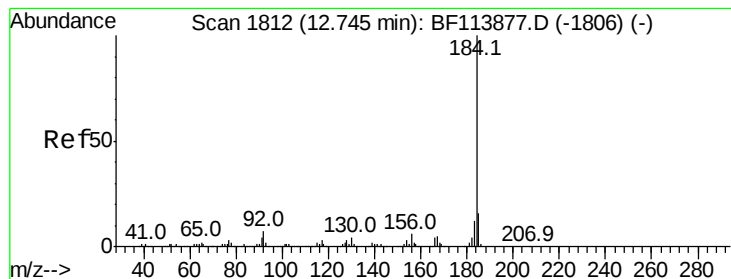
240 100

120 9.0 9.3 13.9#

236 26.6 21.2 31.8

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





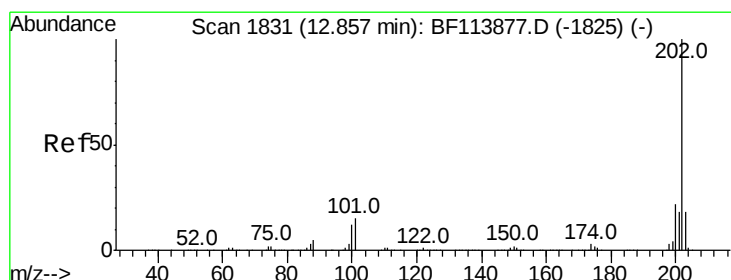
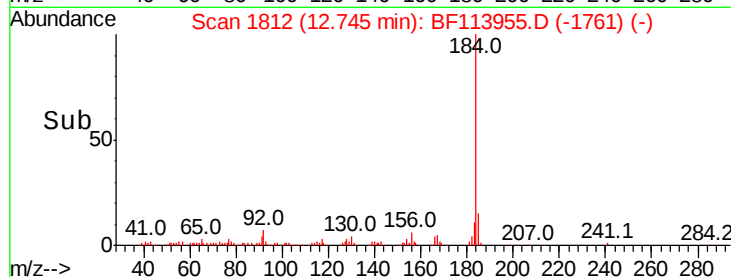
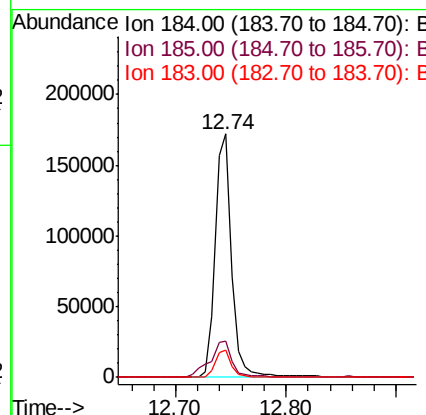
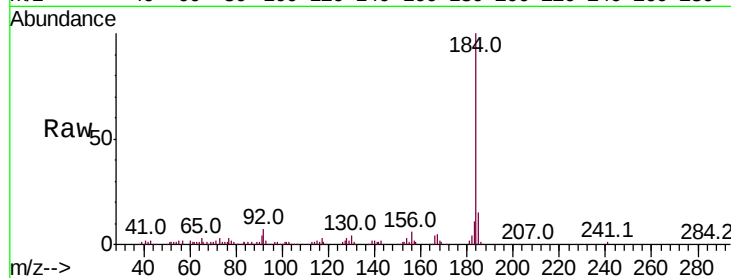
#77
Benzidine
Concen: 18.079 ng
RT: 12.74 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.0	13.0	19.6
183	11.4	9.4	14.0

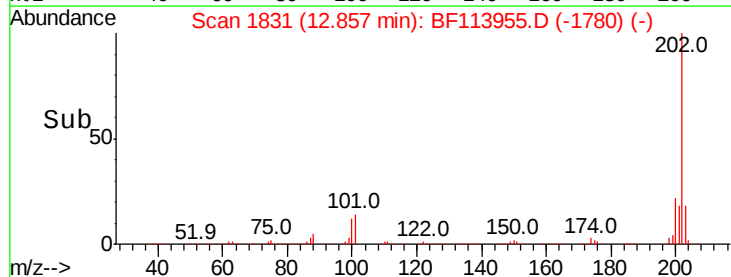
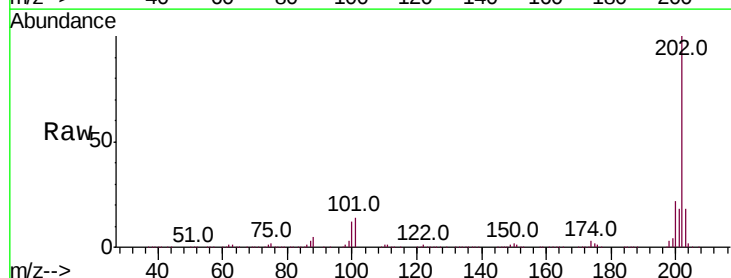
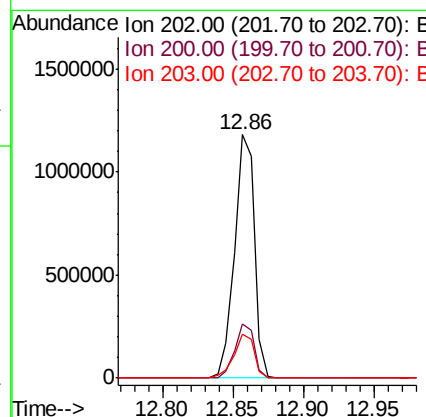
Manual Integrations
APPROVED

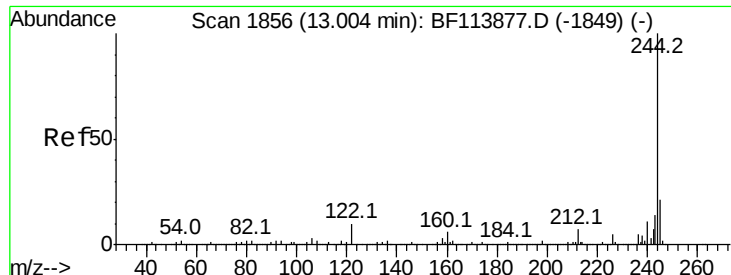
Sohil
4/25/2019 5:26:59 PM



#78
Pyrene
Concen: 51.104 ng
RT: 12.86 min Scan# 1831
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.0	17.7	26.5
203	18.0	15.0	22.6





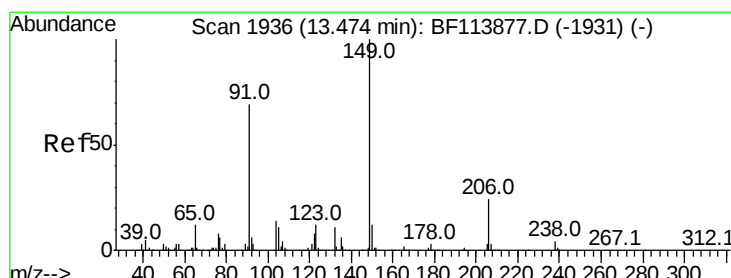
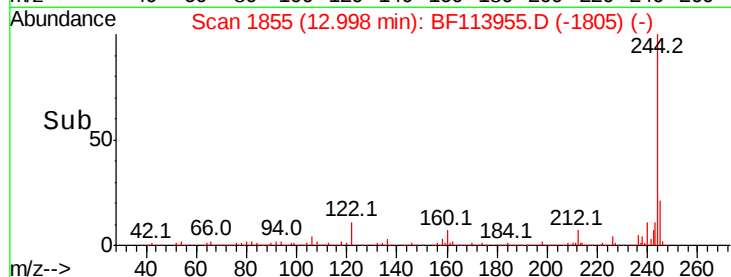
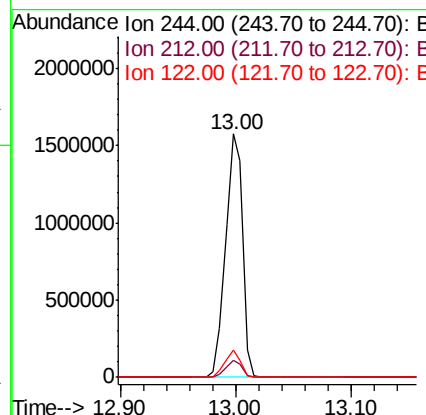
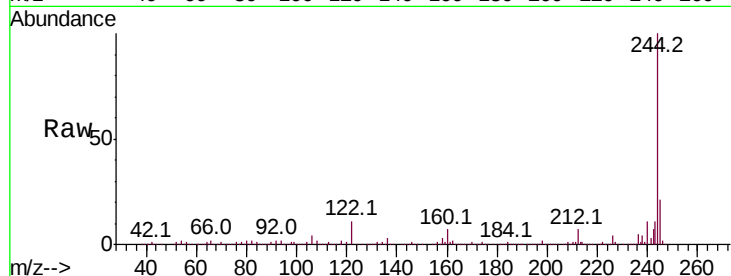
#79
 Terphenyl-d14
 Concen: 101.422 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	11.1	7.6	11.4

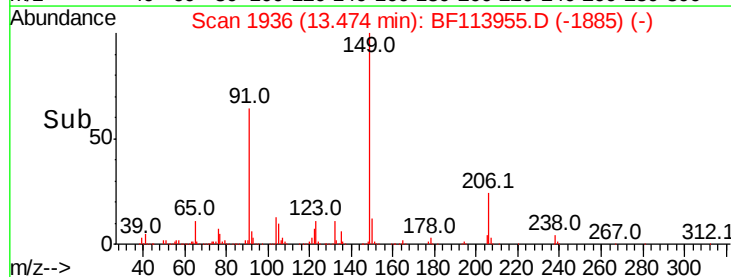
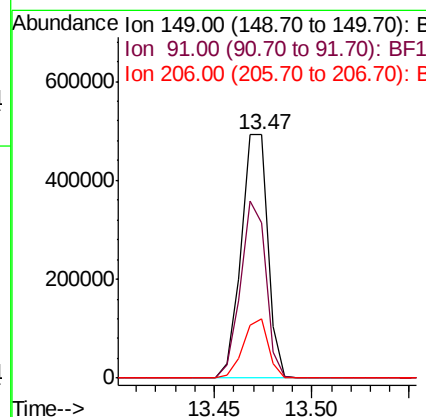
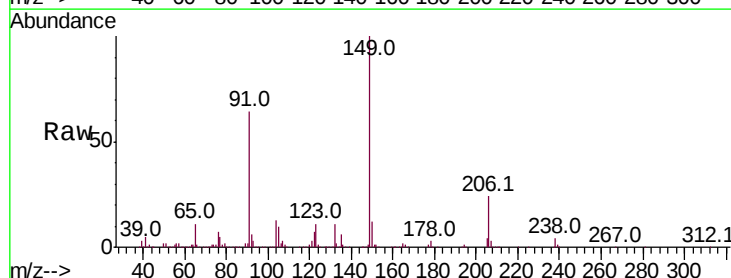
Manual Integrations
 APPROVED

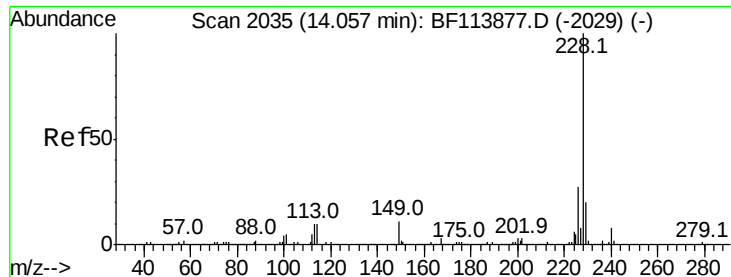
Sohil
 4/25/2019 5:26:59 PM



#80
 Butylbenzylphthalate
 Concen: 52.660 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	63.8	56.3	84.5
206	24.4	19.0	28.6





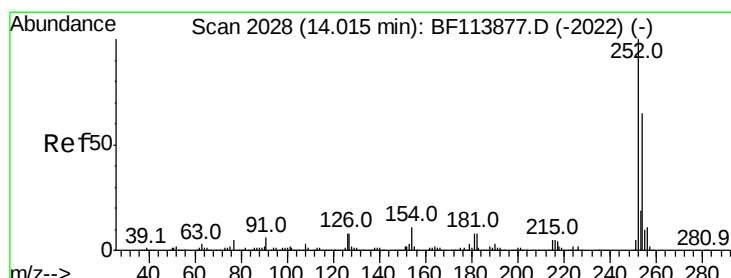
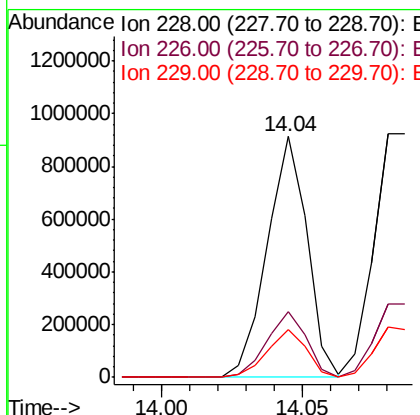
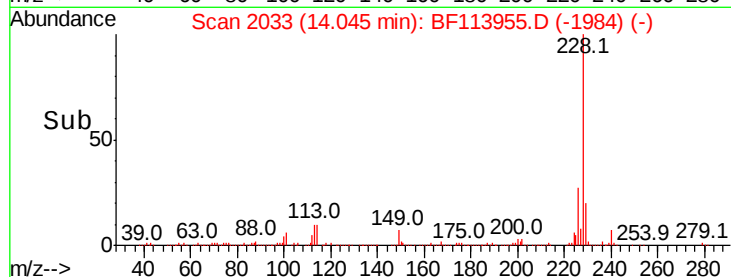
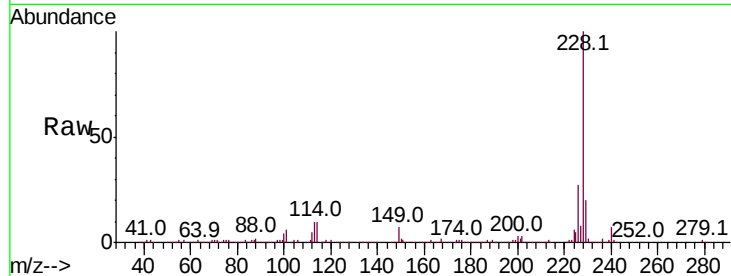
#81
Benzo(a)anthracene
Concen: 46.976 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.2	33.2
229	20.0	16.0	24.0

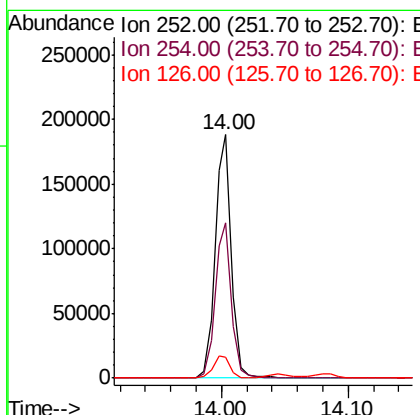
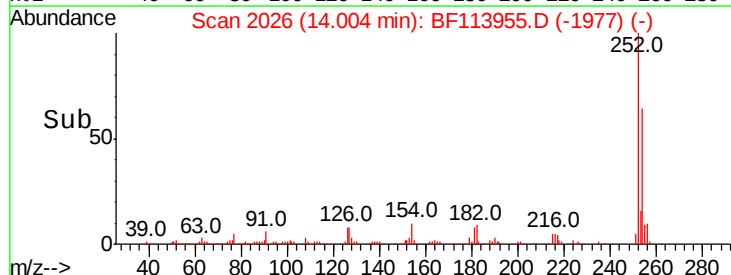
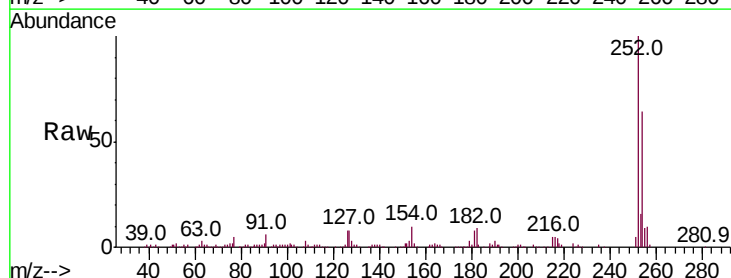
Manual Integrations
APPROVED

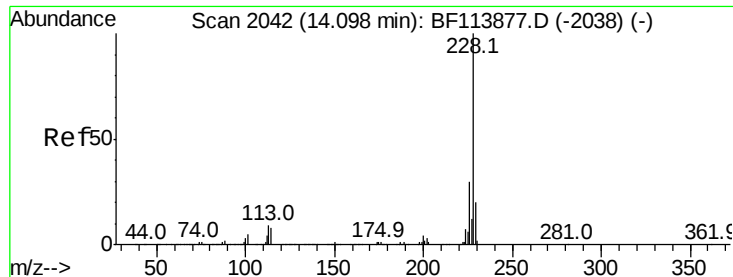
Sohil
4/25/2019 5:26:59 PM



#82
3,3'-Dichlorobenzidine
Concen: 24.258 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	52.1	78.1
126	8.5	9.3	13.9#





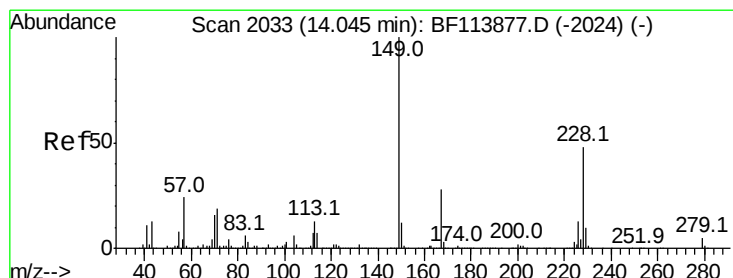
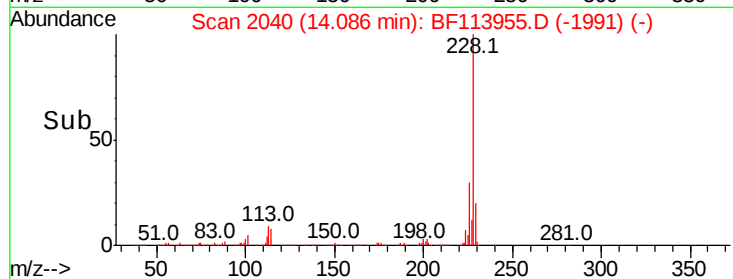
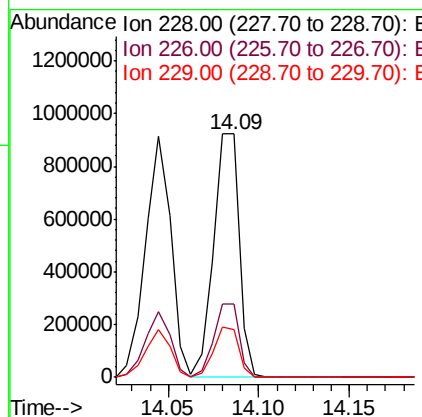
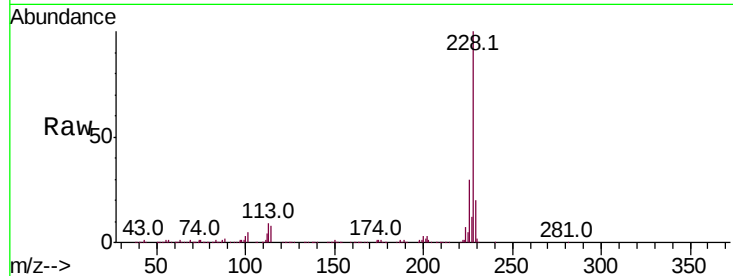
#83
 Chrvsene
 Concen: 48.878 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :
 TP-10MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	19.8	16.7	25.1

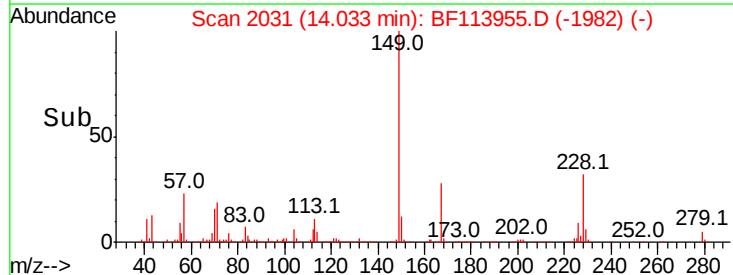
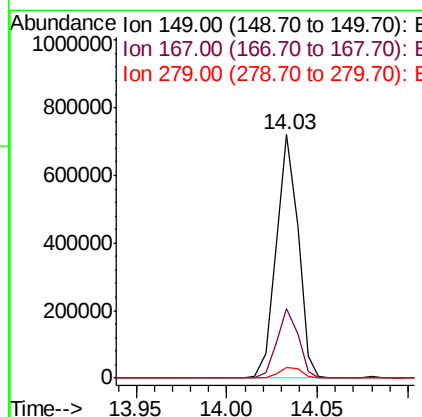
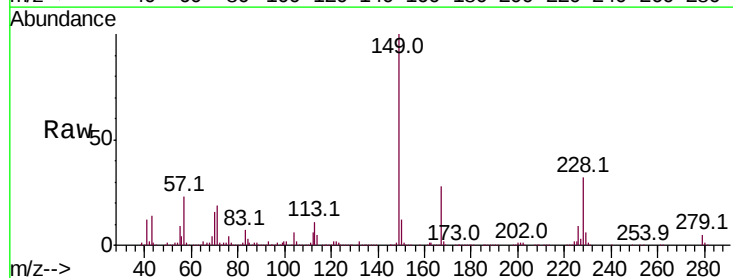
Manual Integrations
 APPROVED

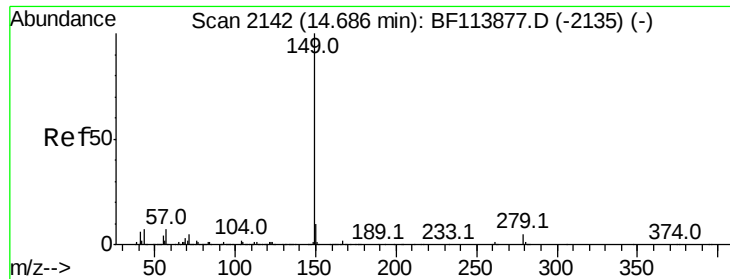
Sohil
 4/25/2019 5:26:59 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.467 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.9	34.3
279	4.6	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 51.945 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.04 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

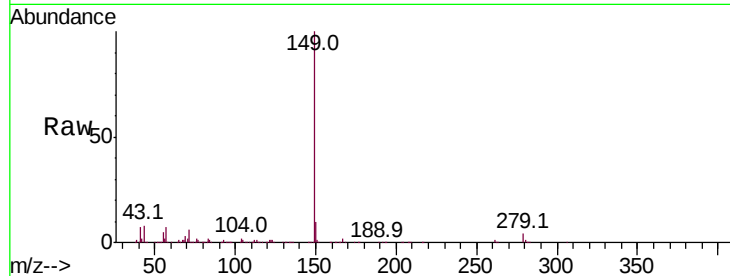
ClientSampleId :

TP-10MSD

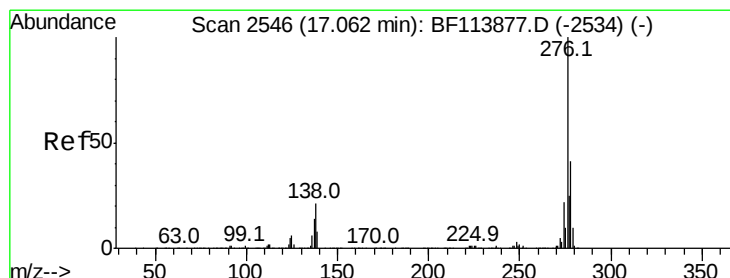
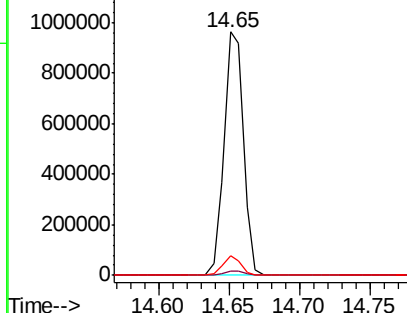
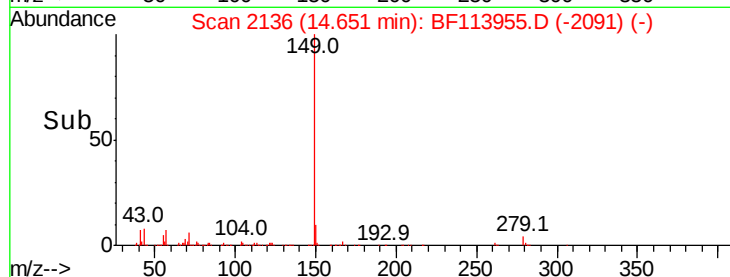
Tot Ion:	149	Resp:	920147
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.3	1.9
43	7.5	6.6	10.0

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 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: 68.329 ng

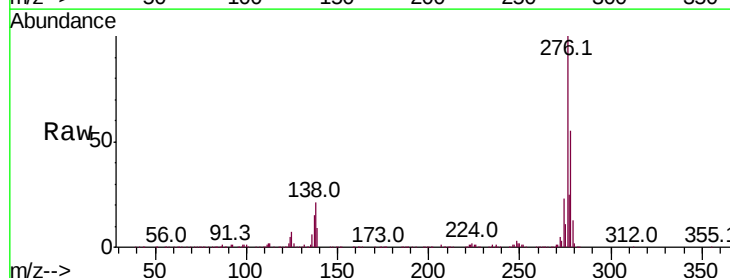
RT: 17.04 min Scan# 2542

Delta R.T. -0.02 min

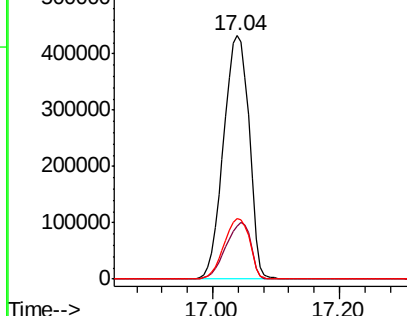
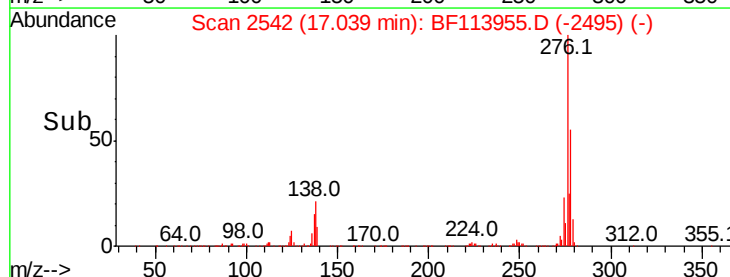
Lab File: BF113955.D

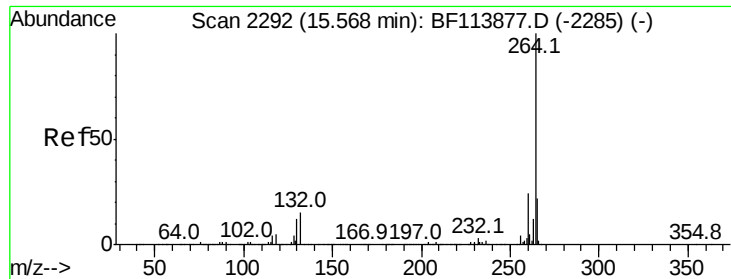
Acq: 24 Apr 2019 12:31

Tgt Ion:	276	Resp:	1200629
Ion Ratio	Lower	Upper	
276	100		
138	22.7	19.6	29.4
277	25.0	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

Pervlene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2287

Delta R.T. -0.03 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

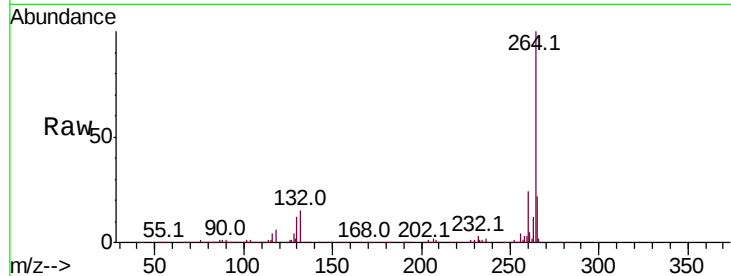
ClientSampleId :

TP-10MSD

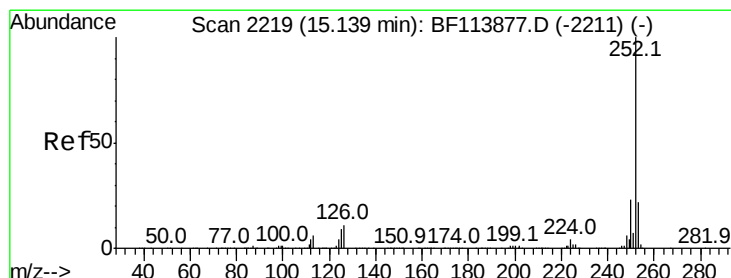
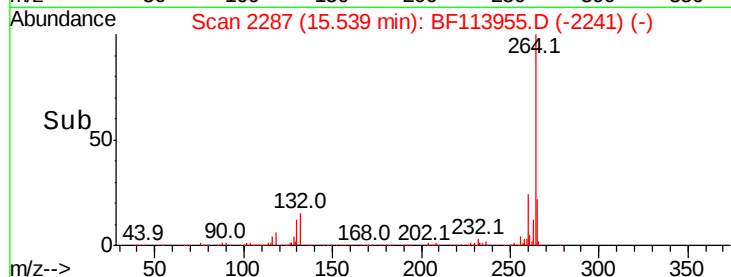
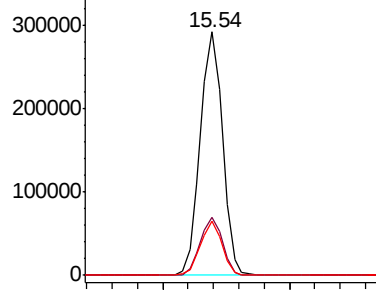
Tot Ion:	264	Resp:	354927
Ion Ratio	Lower	Upper	
264	100		
260	24.0	18.9	28.3
265	22.2	17.3	25.9

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 PM



Abundance Ion 264.00 (263.70 to 264.70): E
400000 Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.189 ng

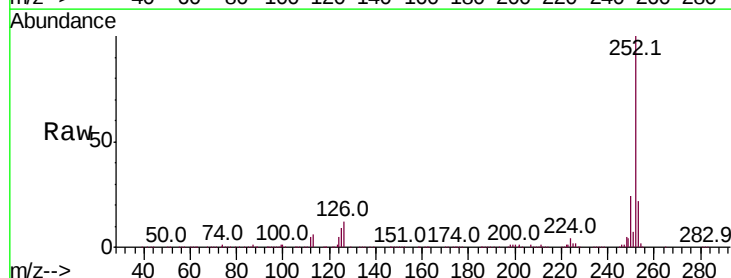
RT: 15.11 min Scan# 2214

Delta R.T. -0.03 min

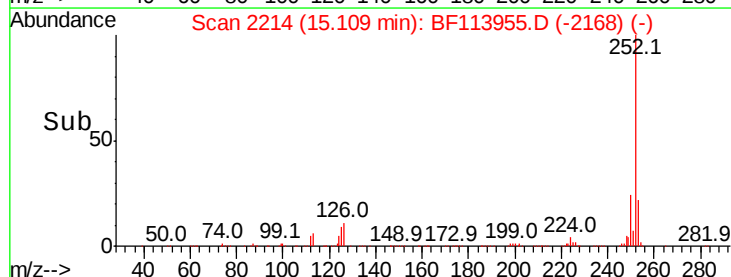
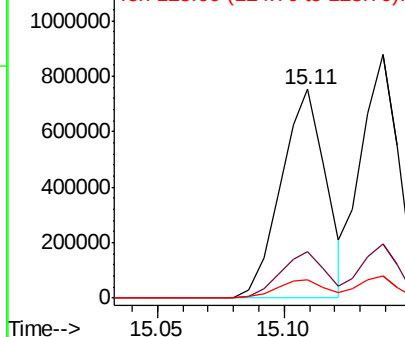
Lab File: BF113955.D

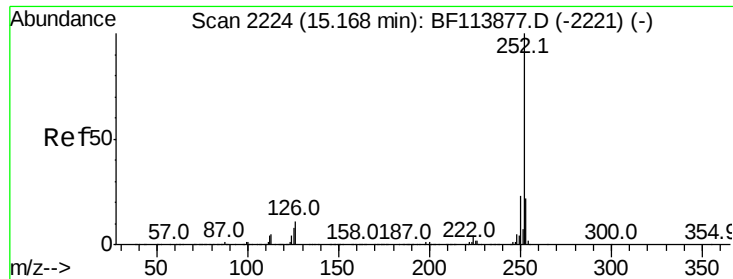
Acq: 24 Apr 2019 12:31

Tgt Ion:	252	Resp:	924949
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.8	26.6
125	9.1	7.0	10.6



Abundance Ion 252.00 (251.70 to 252.70): E
1200000 Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





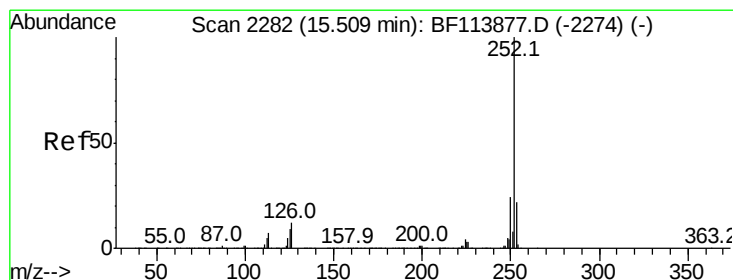
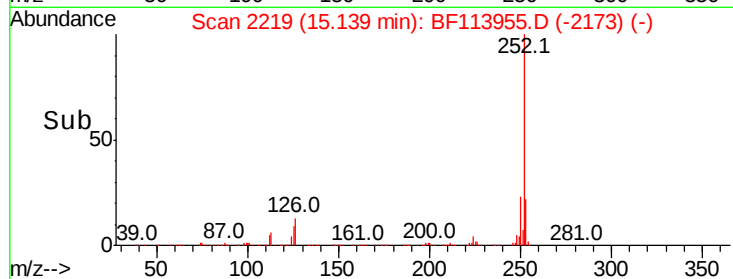
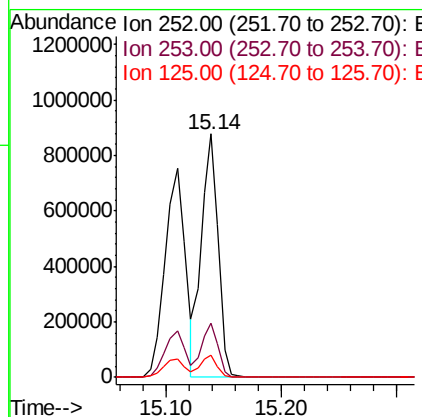
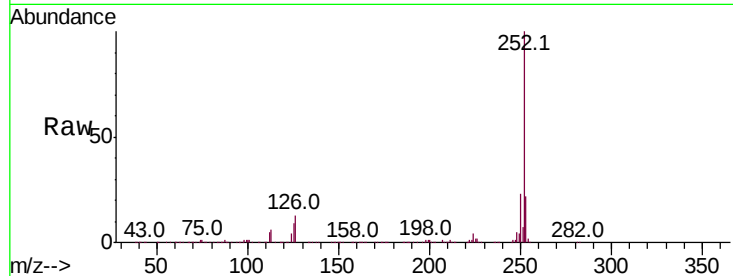
#89
Benzo(k)fluoranthene
Concen: 46.416 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	9.1	7.4	11.2

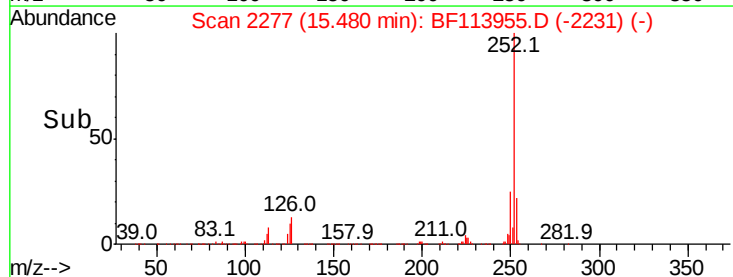
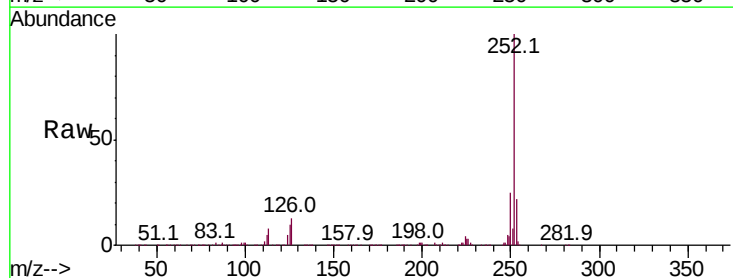
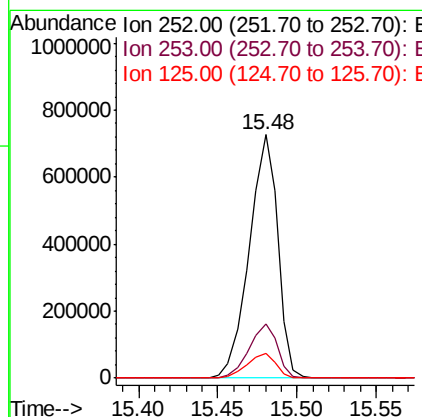
Manual Integrations
APPROVED

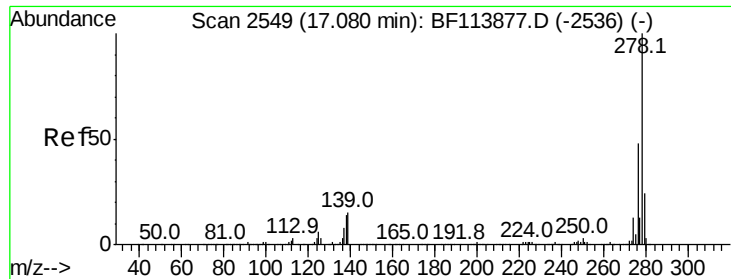
Sohil
4/25/2019 5:26:59 PM



#90
Benzo(a)pyrene
Concen: 46.787 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	10.2	8.5	12.7





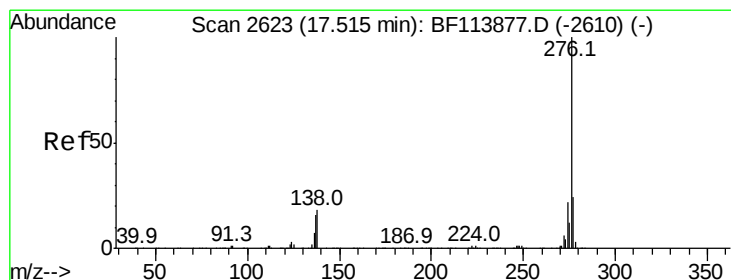
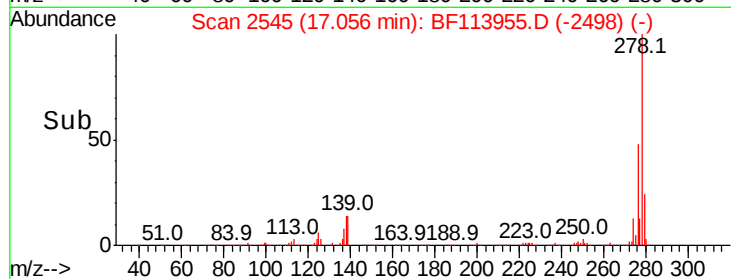
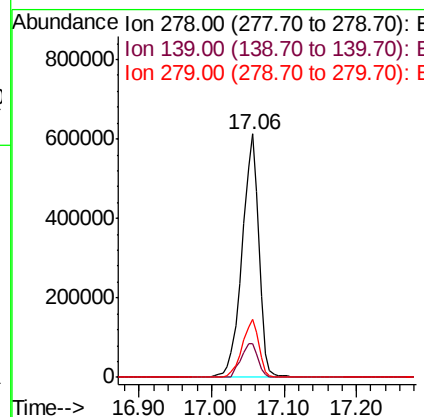
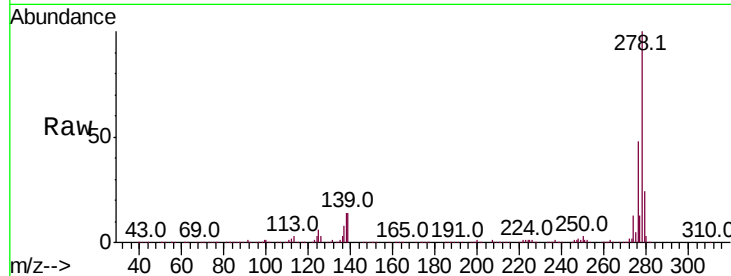
#91
Dibenzo(a,h)anthracene
Concen: 53.972 ng
RT: 17.06 min Scan# 2545
Delta R.T. -0.02 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :
TP-10MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	13.9	11.6	17.4
279	23.8	19.0	28.6

Manual Integrations
APPROVED

Sohil
4/25/2019 5:26:59 PM



#92
Benzo(g,h,i)perylene
Concen: 56.267 ng
RT: 17.49 min Scan# 2619
Delta R.T. -0.02 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	19.0	28.4
138	19.3	16.6	25.0

