

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117139.D
 Acq On : 18 Sep 2019 11:08
 Operator : HP/JU
 Sample : PB123161BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123161BS

Manual Integrations
 APPROVED

Jagrut
 9/19/2019 10:42:08 AM

Quant Time: Sep 18 13:34:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	69260	20.00	ng	0.00
21) Naphthalene-d8	8.10	136	295333	20.00	ng	0.00
39) Acenaphthene-d10	9.85	164	154745	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	249573	20.00	ng	0.00
76) Chrysene-d12	13.97	240	163555	20.00	ng	0.00
87) Perylene-d12	15.42	264	126585	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	468591	105.63	ng	0.02
7) Phenol-d6	6.47	99	606322	105.76	ng	0.01
23) Nitrobenzene-d5	7.39	82	367200	65.33	ng	0.00
42) 2,4,6-Tribromophenol	10.64	330	137188	106.07	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	656230	66.31	ng	0.00
79) Terphenyl-d14	12.91	244	621229	71.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.65	88	74391	40.075	ng	97
3) Pyridine	3.40	79	170191	33.496	ng	97
4) n-Nitrosodimethylamine	3.34	42	66014	37.860	ng	# 99
6) Aniline	6.49	93	229684	31.116	ng	# 90
8) 2-Chlorophenol	6.62	128	204315	42.692	ng	96
9) Benzaldehyde	6.37	77	126001	45.216	ng	99
10) Phenol	6.48	94	259682	41.087	ng	93
11) bis(2-Chloroethyl)ether	6.56	93	194279	41.824	ng	96
12) 1,3-Dichlorobenzene	6.76	146	214424	39.928	ng	99
13) 1,4-Dichlorobenzene	6.84	146	221228	40.367	ng	99
14) 1,2-Dichlorobenzene	6.99	146	206775	40.524	ng	98
15) Benzyl Alcohol	6.97	79	185003	42.080	ng	100
16) 2,2'-oxybis(1-Chloropropan	7.10	45	181162	39.474	ng	94
17) 2-Methylphenol	7.08	107	167526	41.767	ng	95
18) Hexachloroethane	7.33	117	84930	40.283	ng	98
19) n-Nitroso-di-n-propylamine	7.24	70	147389	42.219	ng	99
20) 3+4-Methylphenols	7.23	107	210152	42.064	ng	92
22) Acetophenone	7.23	105	299086	39.860	ng	99
24) Nitrobenzene	7.40	77	228346	41.138	ng	99
25) Isophorone	7.65	82	404669	40.661	ng	100
26) 2-Nitrophenol	7.72	139	107928	45.267	ng	97
27) 2,4-Dimethylphenol	7.76	122	176900	46.787	ng	98
28) bis(2-Chloroethoxy)methane	7.85	93	245204	39.990	ng	100
29) 2,4-Dichlorophenol	7.96	162	167650	42.317	ng	98
30) 1,2,4-Trichlorobenzene	8.05	180	165835	38.745	ng	97
31) Naphthalene	8.13	128	581393	40.933	ng	99
32) Benzoic acid	7.89	122	79780	30.700	ng	95
33) 4-Chloroaniline	8.17	127	145744	23.135	ng	99
34) Hexachlorobutadiene	8.24	225	95550	39.348	ng	97
35) Caprolactam	8.55	113	52735m	39.326	ng	
36) 4-Chloro-3-methylphenol	8.66	107	195056	42.225	ng	99
37) 2-Methylnaphthalene	8.82	142	402286	42.060	ng	97
38) 1-Methylnaphthalene	8.92	142	380478	42.473	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	156791	39.238	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
 Data File : BF117139.D
 Acq On : 18 Sep 2019 11:08
 Operator : HP/JU
 Sample : PB123161BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB123161BS

Manual Integrations
 APPROVED

Jagrut
 9/19/2019 10:42:08 AM

Quant Time: Sep 18 13:34:35 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 13 16:23:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	133474	76.002	nq	99
43) 2,4,6-Trichlorophenol	9.09	196	106613	39.315	nq	96
44) 2,4,5-Trichlorophenol	9.14	196	115971	40.028	nq	98
46) 1,1'-Biphenyl	9.27	154	471040	38.806	nq	99
47) 2-Chloronaphthalene	9.30	162	367545	38.367	nq	98
48) 2-Nitroaniline	9.40	65	115962	37.740	nq	96
49) Acenaphthylene	9.72	152	583248	40.642	nq	100
50) Dimethylphthalate	9.57	163	427225	38.992	nq	98
51) 2,6-Dinitrotoluene	9.64	165	93072	41.708	nq	96
52) Acenaphthene	9.89	154	333646	39.220	nq	99
53) 3-Nitroaniline	9.81	138	76244	27.080	nq	96
54) 2,4-Dinitrophenol	9.92	184	71602	74.962	nq	100
55) Dibenzofuran	10.06	168	507198	40.410	nq	96
56) 4-Nitrophenol	9.98	139	125591	68.826	nq	97
57) 2,4-Dinitrotoluene	10.04	165	125419	43.298	nq	98
58) Fluorene	10.40	166	410280	40.579	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.18	232	92689	41.806	nq	97
60) Diethylphthalate	10.27	149	424570	39.387	nq	98
61) 4-Chlorophenyl-phenylether	10.39	204	176689	40.391	nq	93
62) 4-Nitroaniline	10.42	138	106479	36.366	nq	95
63) Azobenzene	10.55	77	442142	40.160	nq	98
65) 4,6-Dinitro-2-methylphenol	10.46	198	49695	44.319	nq	95
66) n-Nitrosodiphenylamine	10.51	169	353688	41.035	nq	98
67) 4-Bromophenyl-phenylether	10.88	248	103861	40.750	nq	95
68) Hexachlorobenzene	10.95	284	110665	39.697	nq	95
69) Atrazine	11.03	200	99687	47.057	nq	99
70) Pentachlorophenol	11.15	266	103521	79.221	nq	99
71) Phenanthrene	11.36	178	571863	40.341	nq	100
72) Anthracene	11.41	178	605529	41.841	nq	98
73) Carbazole	11.57	167	556134	40.484	nq	100
74) Di-n-butylphthalate	11.89	149	667338	40.830	nq	99
75) Fluoranthene	12.54	202	577820	39.671	nq	98
77) Benzidine	12.66	184	223300	42.384	nq	98
78) Pyrene	12.77	202	581347	42.361	nq	100
80) Butylbenzylphthalate	13.38	149	269691	41.590	nq	100
81) Benzo(a)anthracene	13.96	228	431570	39.495	nq	99
82) 3,3'-Dichlorobenzidine	13.92	252	106656	30.289	nq	96
83) Chrysene	14.00	228	428654	40.220	nq	99
84) Bis(2-ethylhexyl)phthalate	13.94	149	358459	42.873	nq	98
85) Di-n-octyl phthalate	14.55	149	556864	42.316	nq	99
86) Indeno(1,2,3-cd)pyrene	16.86	276	297566	38.270	nq	99
88) Benzo(b)fluoranthene	15.00	252	322986	42.123	nq	99
89) Benzo(k)fluoranthene	15.03	252	337682	46.491	nq	99
90) Benzo(a)pyrene	15.36	252	304748	45.292	nq	98
91) Dibenzo(a,h)anthracene	16.86	278	253635	47.318	nq	98
92) Benzo(g,h,i)perylene	17.29	276	247997	46.429	nq	99

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

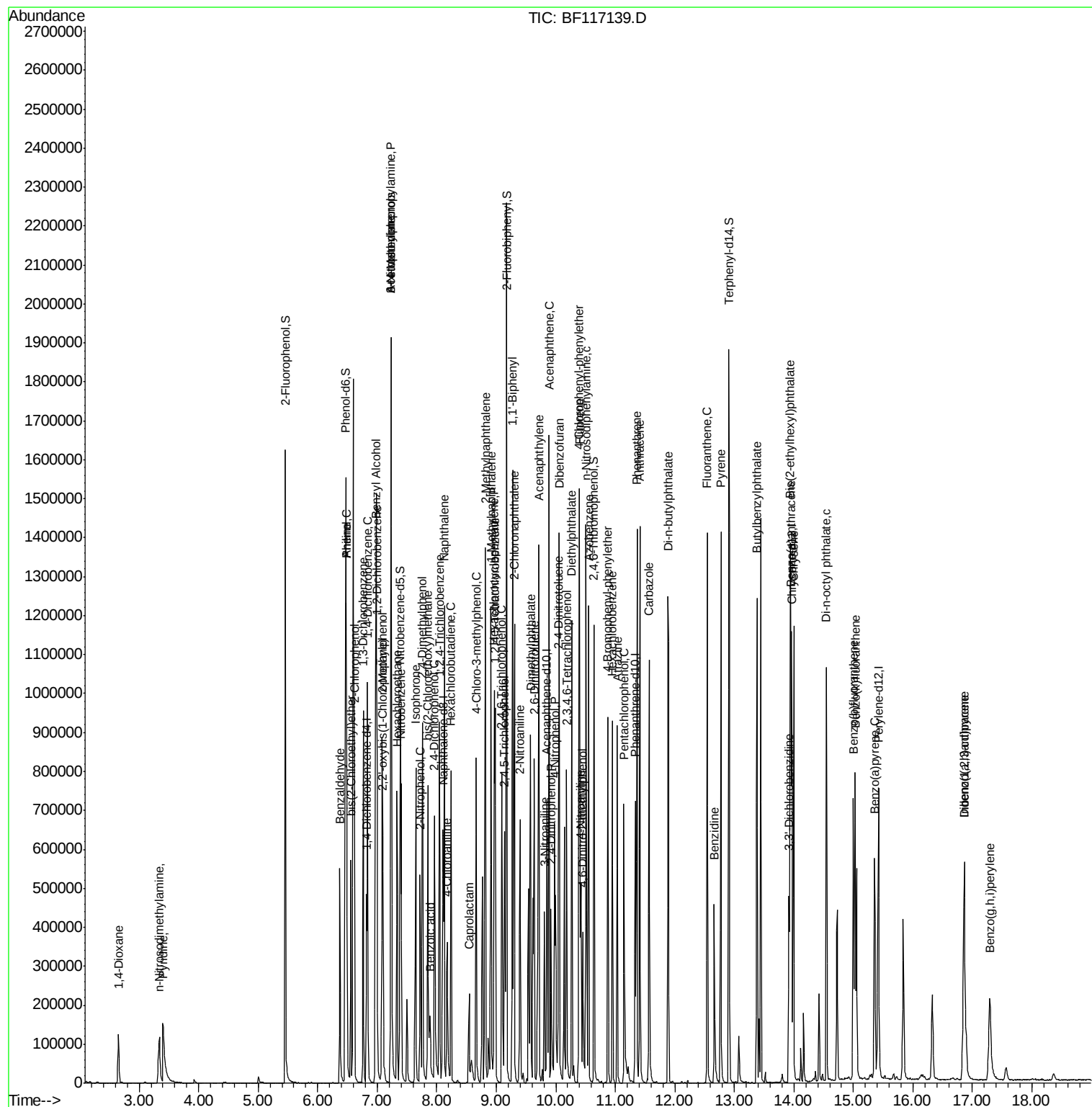
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091819\
Data File : BF117139.D
Acq On : 18 Sep 2019 11:08
Operator : HP/JU
Sample : PB123161BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

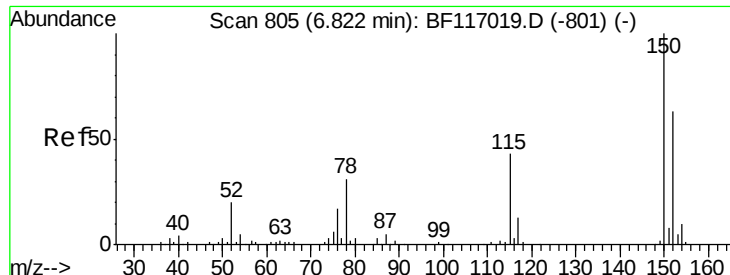
Instrument :
BNA_F
ClientSampled :
PB123161BS

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM

Quant Time: Sep 18 13:34:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 13 16:23:17 2019
Response via : Initial Calibration





#1

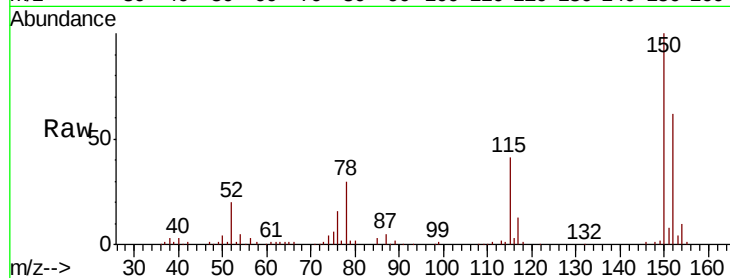
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.82 min Scan# 805
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	127.5	191.3
115	66.9	55.0	82.4

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM

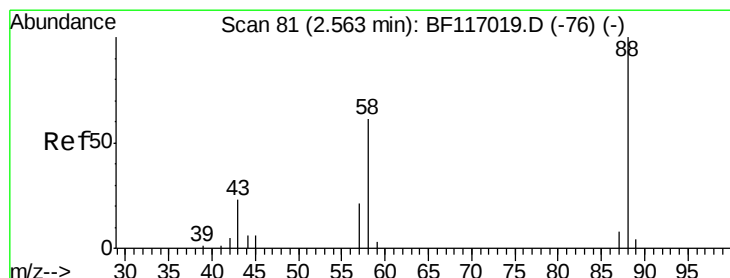
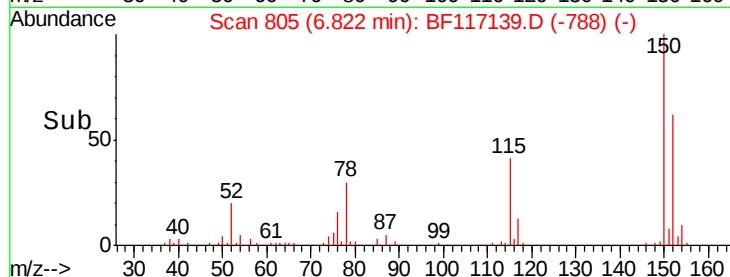
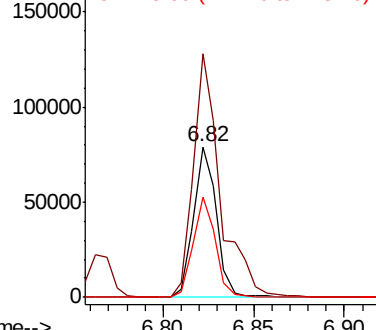


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

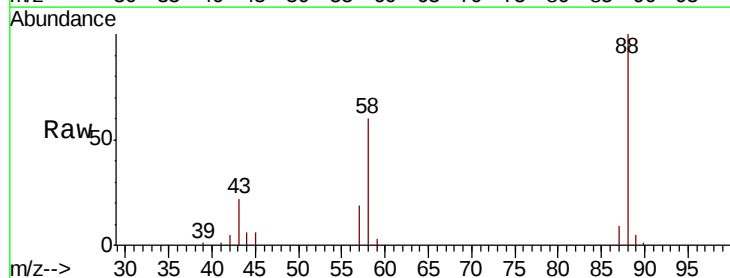
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 40.075 ng
RT: 2.65 min Scan# 96
Delta R.T. 0.09 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
88	100		
58	60.5	49.3	73.9
43	26.2	18.8	28.2

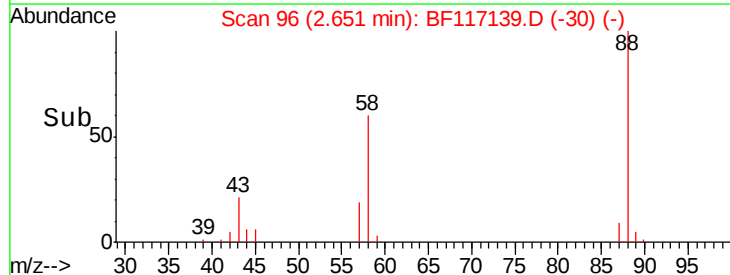
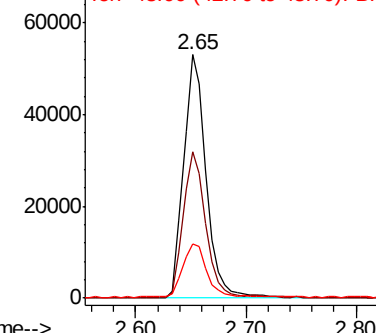


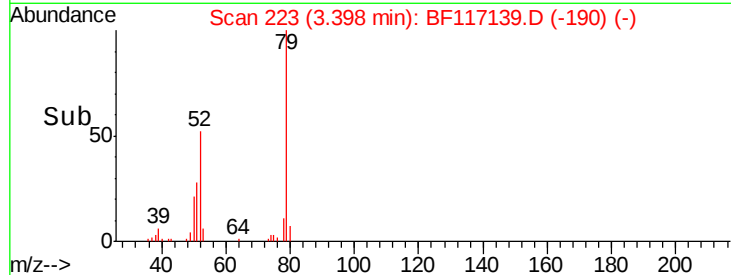
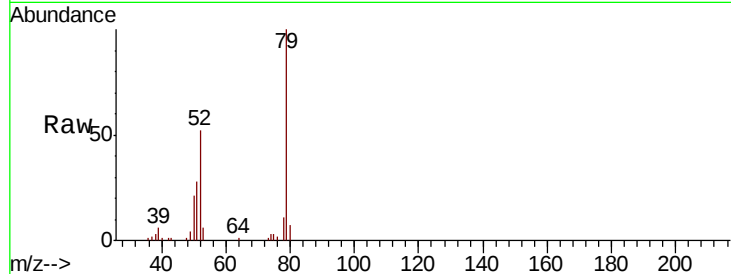
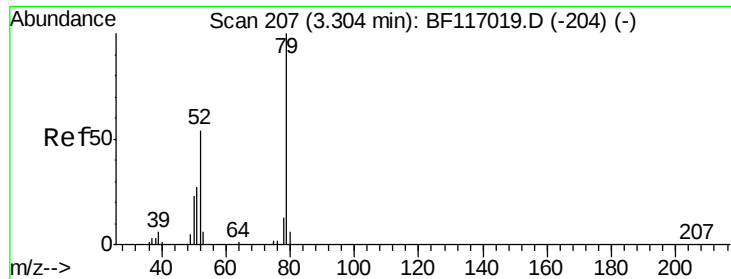
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





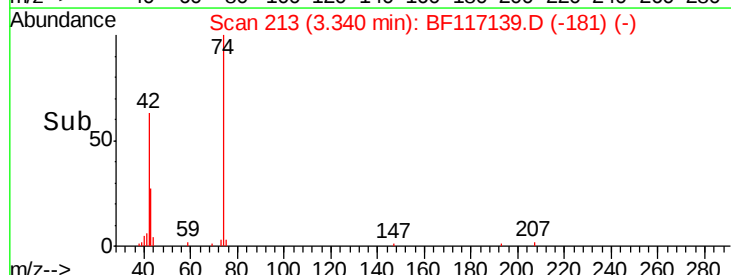
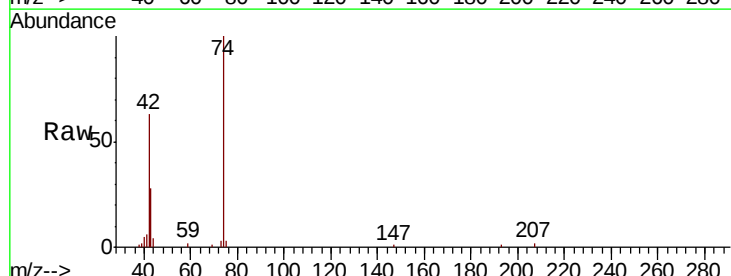
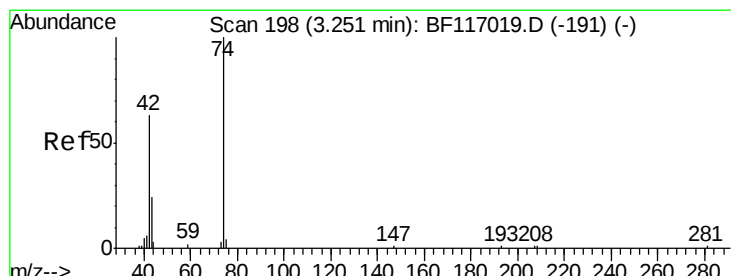
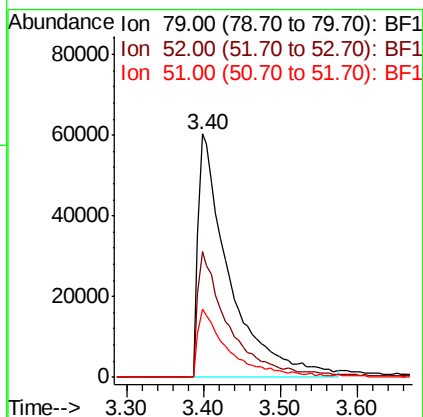
#3
 Pvridine
 Concen: 33.496 ng
 RT: 3.40 min Scan# 223
 Delta R.T. 0.09 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tot Ion:	79	Resp:	170191
Ion Ratio	Lower	Upper	
79	100		
52	51.6	43.5	65.3
51	28.3	21.8	32.6

Instrument :
 BNA_F
 ClientSampleId :
 PB123161BS

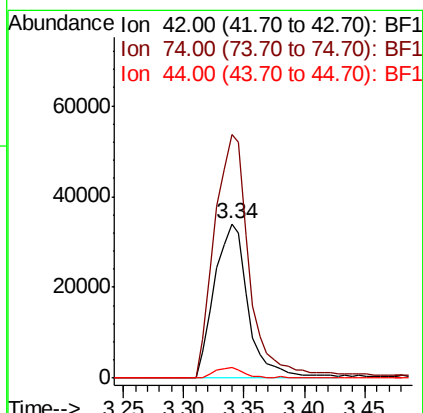
Manual Integrations
 APPROVED

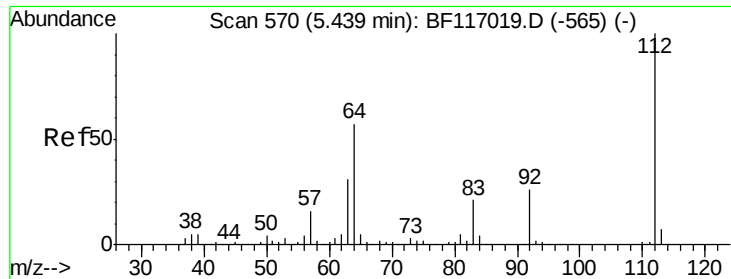
Jagrut
 9/19/2019 10:42:08 AM



#4
 n-Nitrosodimethylamine
 Concen: 37.860 ng
 RT: 3.34 min Scan# 213
 Delta R.T. 0.09 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion:	42	Resp:	66014
Ion Ratio	Lower	Upper	
42	100		
74	158.1	127.1	190.7
44	6.7	4.3	6.5#





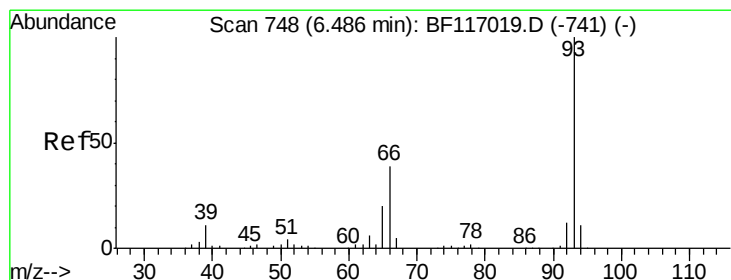
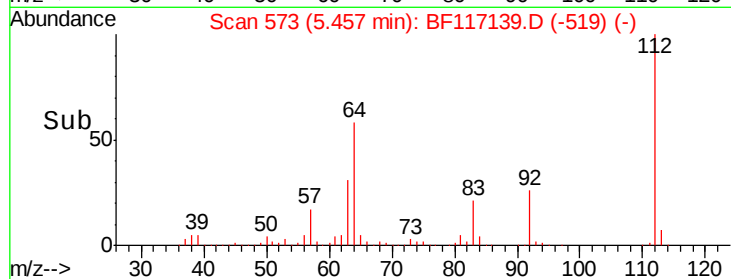
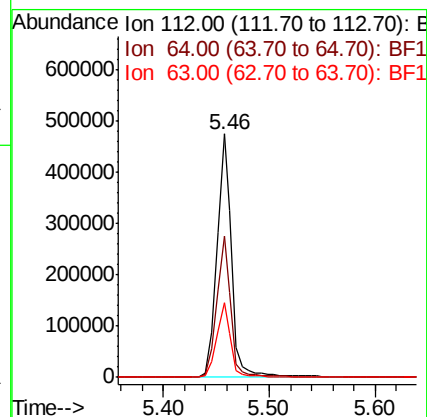
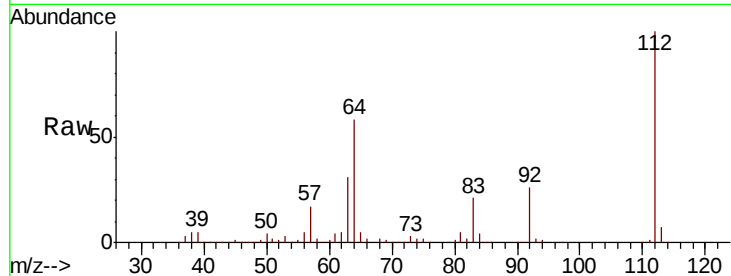
#5
2-Fluorophenol
Concen: 105.629 ng
RT: 5.46 min Scan# 573
Delta R.T. 0.02 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	57.8	45.7	68.5
63	30.9	24.9	37.3

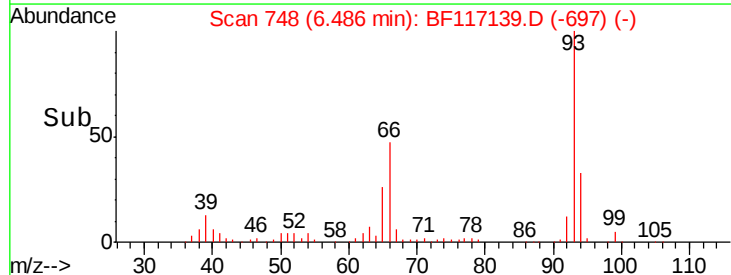
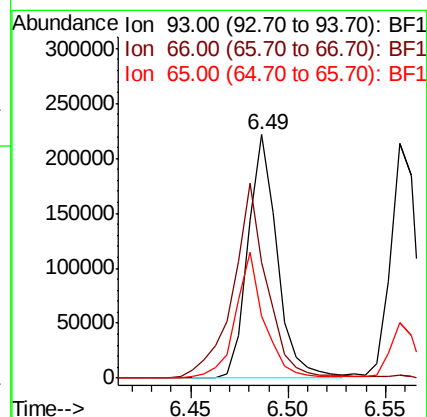
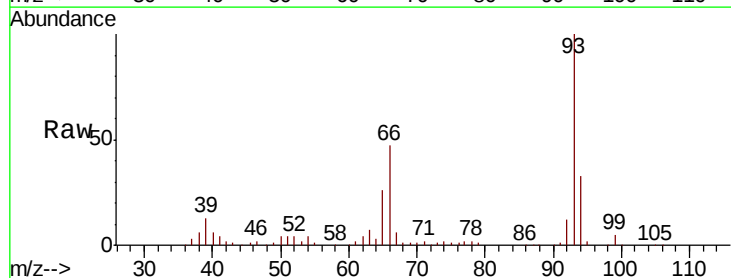
Manual Integrations
APPROVED

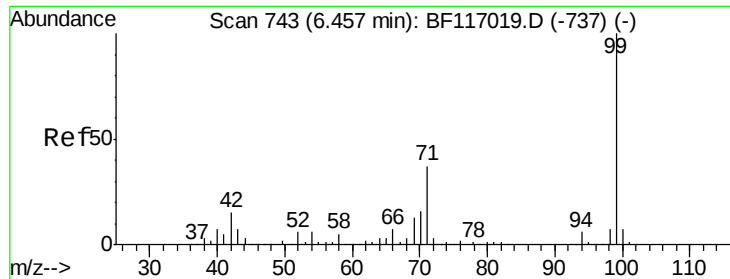
Jagrut
9/19/2019 10:42:08 AM



#6
Aniline
Concen: 31.116 ng
RT: 6.49 min Scan# 748
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	47.4	32.6	49.0
65	25.5	16.7	25.1#





#7

Phenol-d6

Concen: 105.757 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

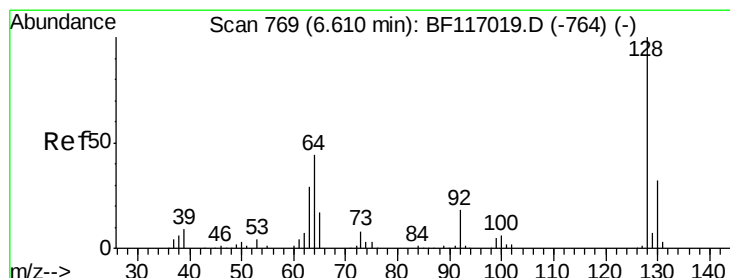
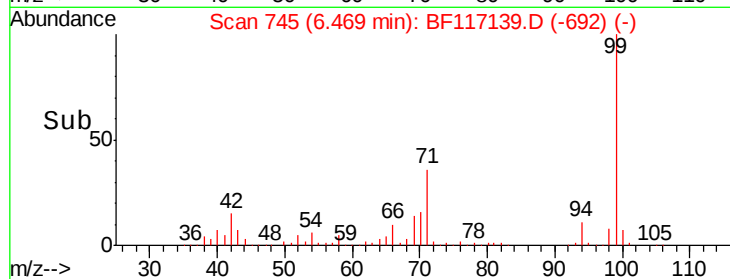
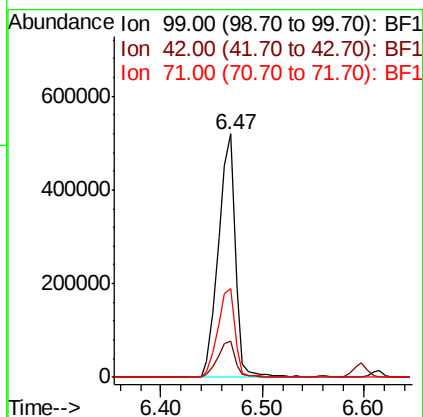
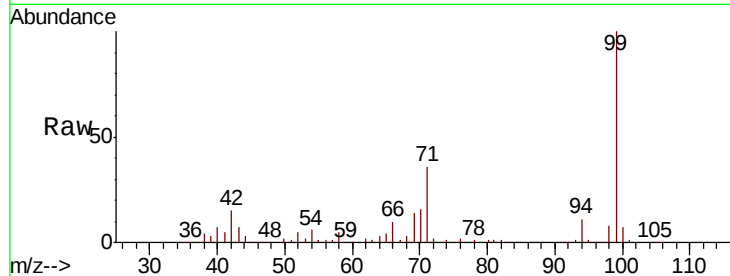
ClientSampleId :

PB123161BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		606322		
42	14.9	12.2	18.2		
71	36.4	29.8	44.8		

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#8

2-Chlorophenol

Concen: 42.692 ng

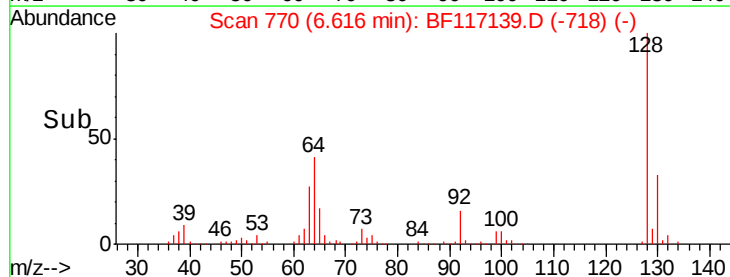
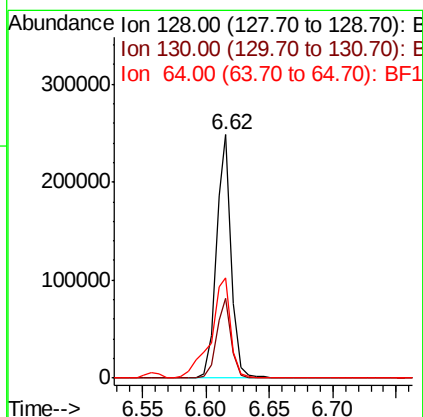
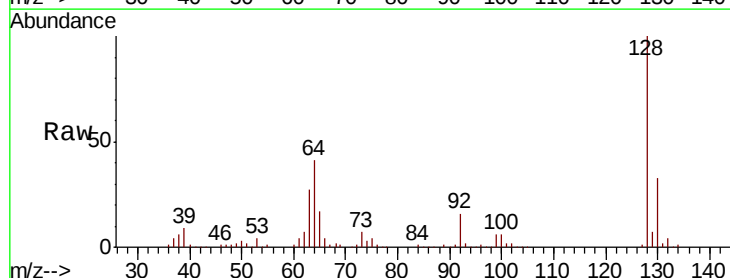
RT: 6.62 min Scan# 770

Delta R.T. 0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		204315		
130	32.9	11.8	51.8		
64	41.1	25.0	65.0		





#9

Benzaldehyde

Concen: 45.216 ng

RT: 6.37 min Scan# 729

Delta R.T. 0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

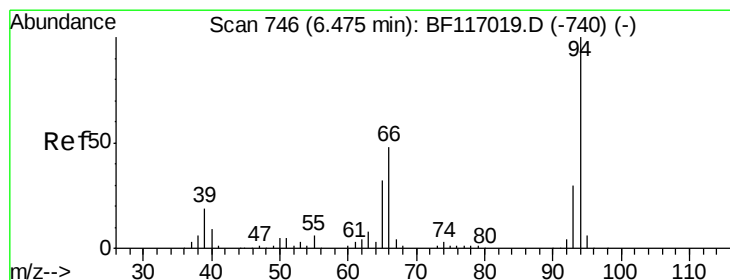
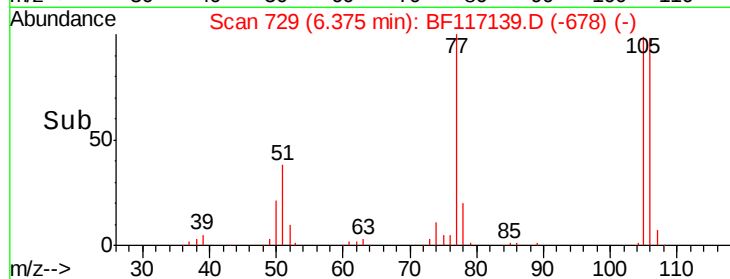
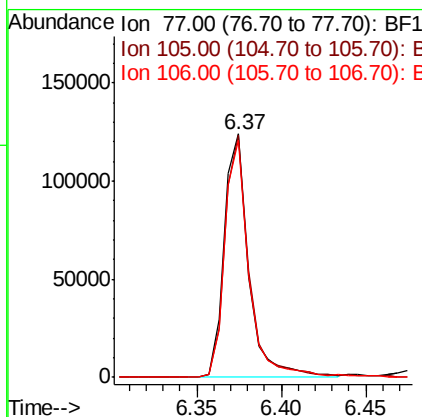
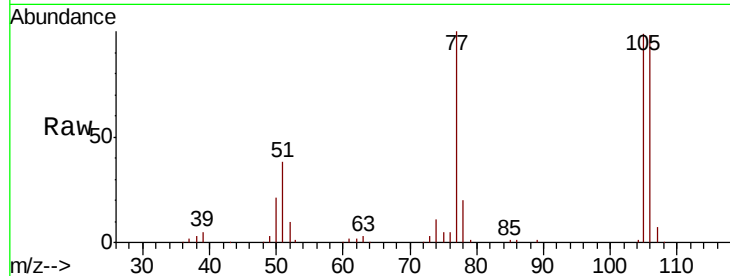
ClientSampleId :

PB123161BS

Tot Ion:	77	Resp:	126001
Ion Ratio	Lower	Upper	
77	100		
105	99.4	81.8	121.8
106	97.6	77.3	117.3

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#10

Phenol

Concen: 41.087 ng

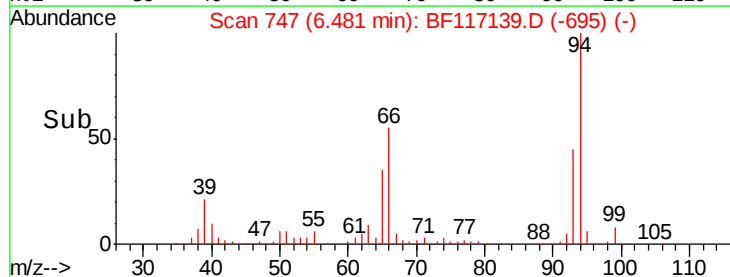
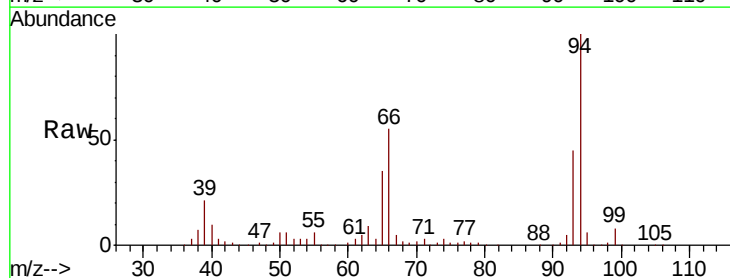
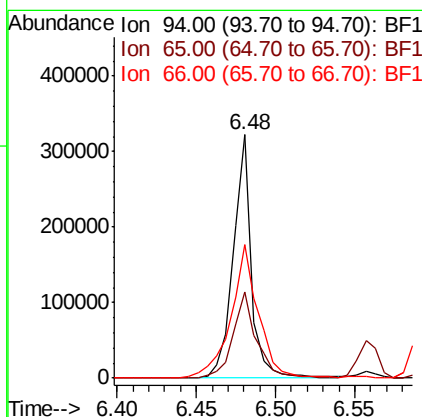
RT: 6.48 min Scan# 747

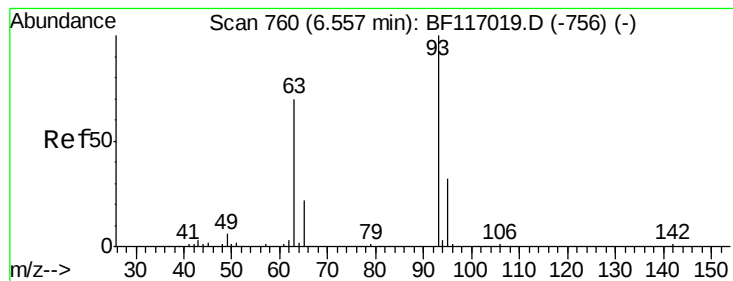
Delta R.T. 0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Tgt Ion:	94	Resp:	259682
Ion Ratio	Lower	Upper	
94	100		
65	35.5	12.5	52.5
66	54.9	28.9	68.9





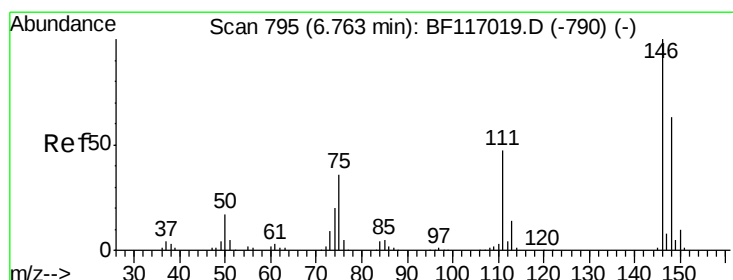
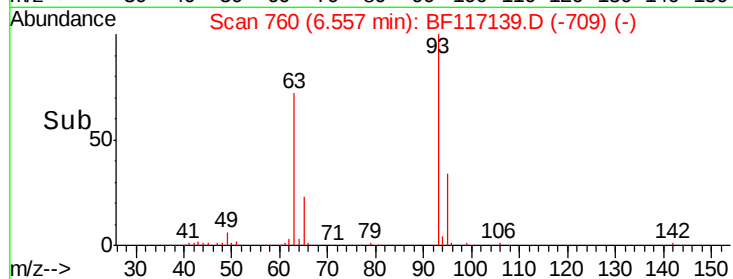
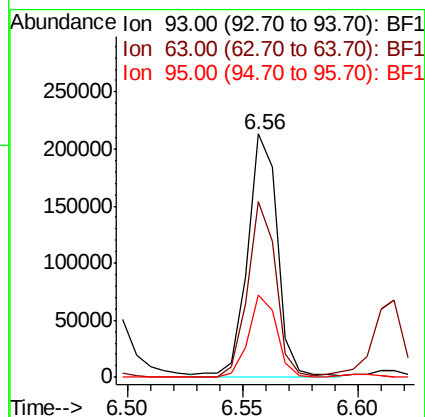
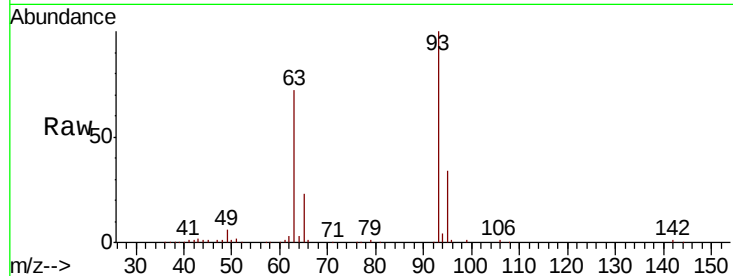
#11
bis(2-Chloroethyl)ether
Concen: 41.824 ng
RT: 6.56 min Scan# 760
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion:	93	Resp:	194279
Ion Ratio	Lower	Upper	
93	100		
63	72.2	49.3	89.3
95	33.8	11.5	51.5

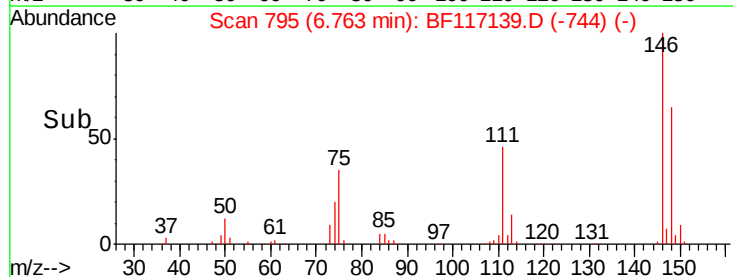
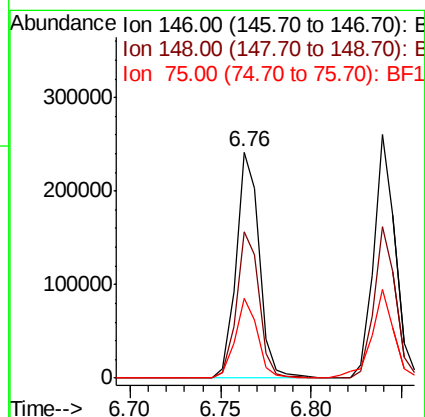
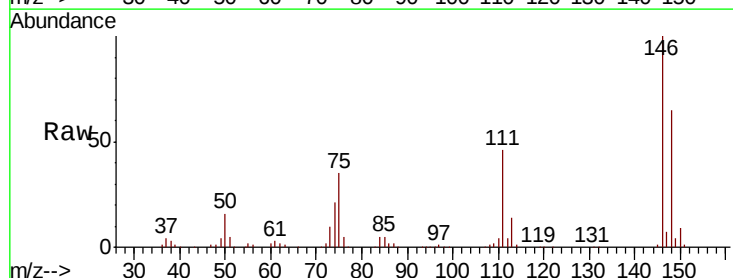
Manual Integrations
APPROVED

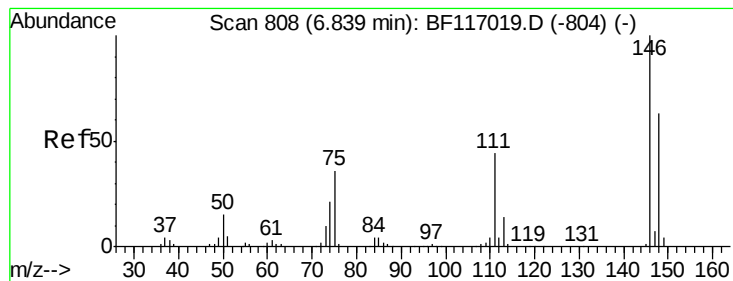
Jagrut
9/19/2019 10:42:08 AM



#12
1,3-Dichlorobenzene
Concen: 39.928 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion:	146	Resp:	214424
Ion Ratio	Lower	Upper	
146	100		
148	64.9	50.8	76.2
75	35.5	28.7	43.1





#13

1,4-Dichlorobenzene

Concen: 40.367 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

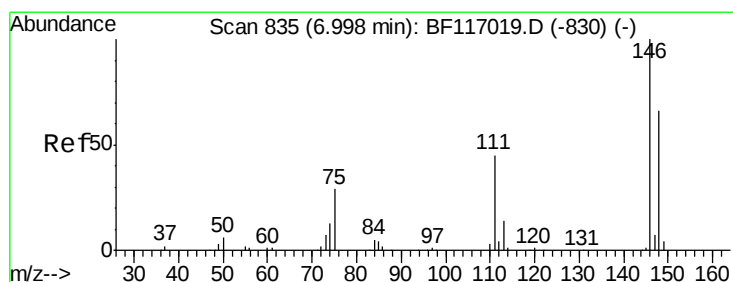
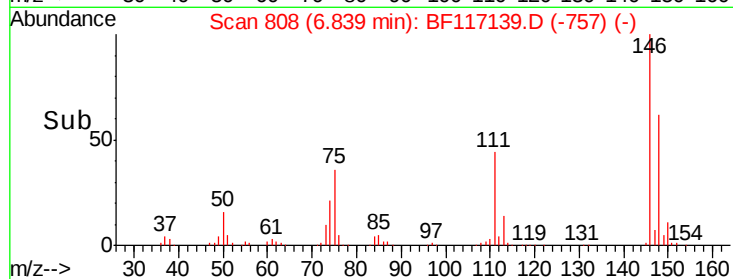
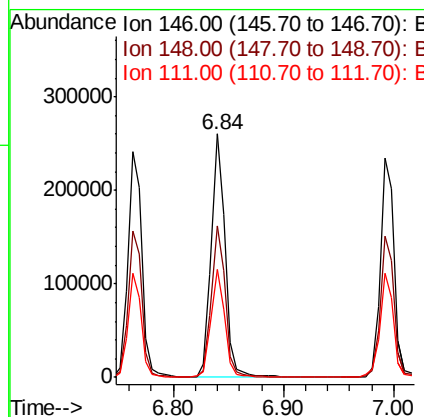
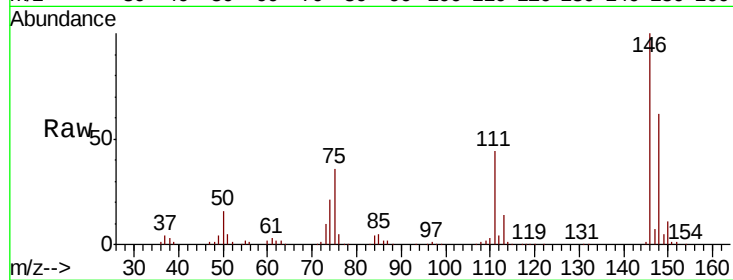
ClientSampleId :

PB123161BS

Tot Ion:	146	Resp:	221228
Ion Ratio	Lower	Upper	
146	100		
148	62.3	50.6	76.0
111	44.5	35.0	52.6

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#14

1,2-Dichlorobenzene

Concen: 40.524 ng

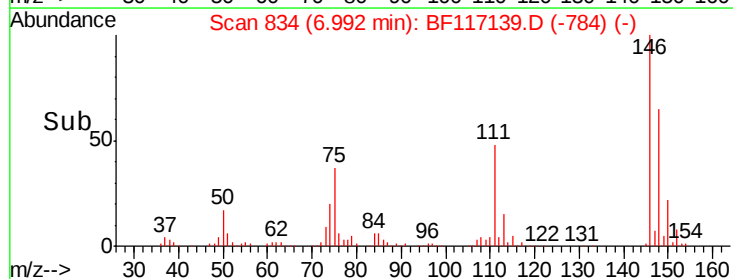
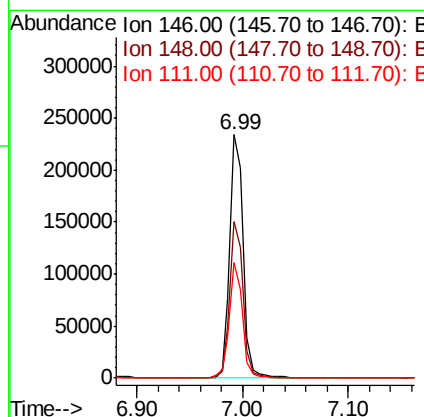
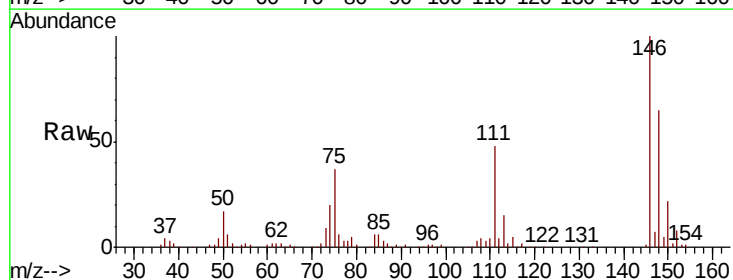
RT: 6.99 min Scan# 834

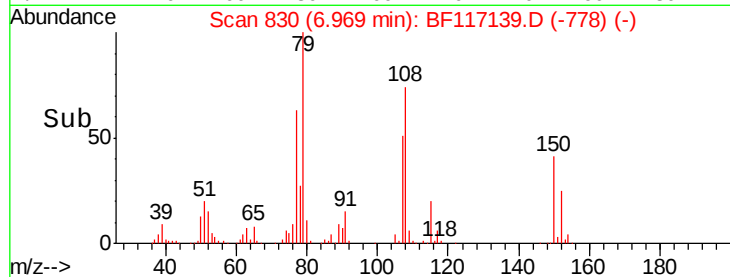
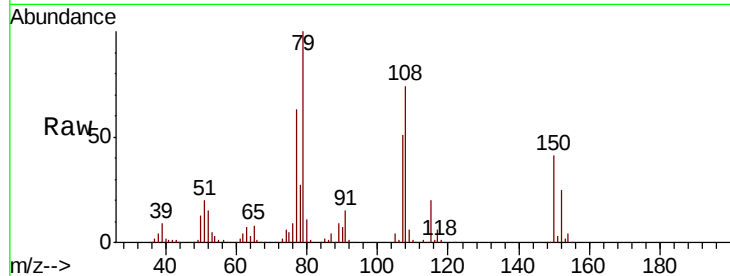
Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Tgt Ion:	146	Resp:	206775
Ion Ratio	Lower	Upper	
146	100		
148	64.6	52.6	78.8
111	47.7	36.2	54.2





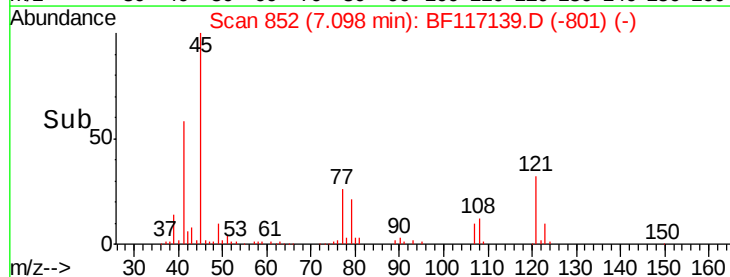
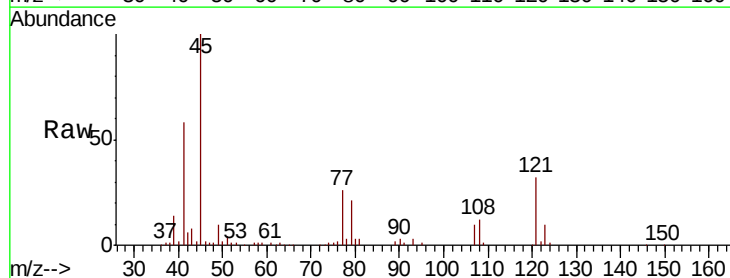
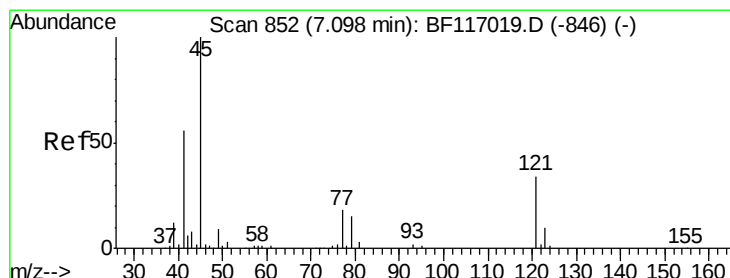
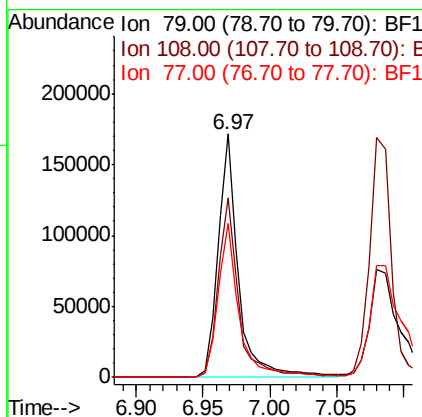
#15
Benzyl Alcohol
Concen: 42.080 ng
RT: 6.97 min Scan# 830
Delta R.T. 0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.0	59.4	89.0
77	63.0	50.2	75.2

Instrument :
BNA_F
ClientSampleId :
PB123161BS

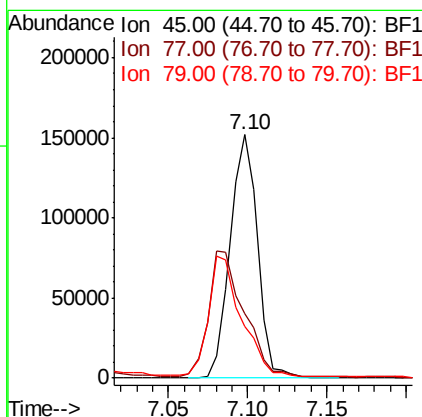
Manual Integrations
APPROVED

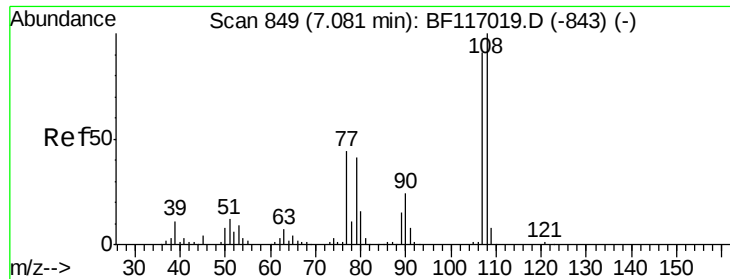
Jagrut
9/19/2019 10:42:08 AM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.474 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
45	100		
77	26.2	2.7	42.7
79	21.1	0.0	38.9





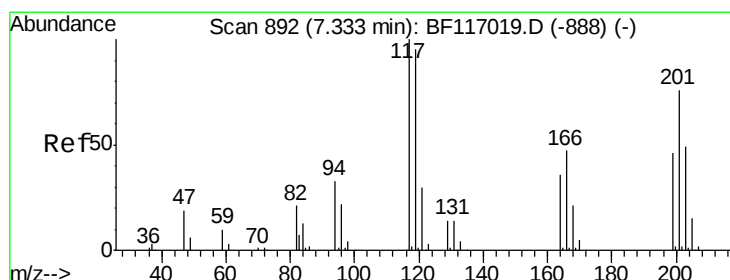
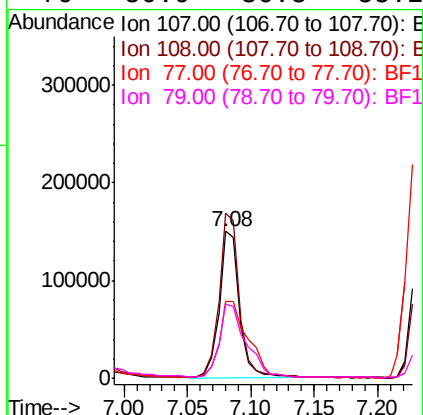
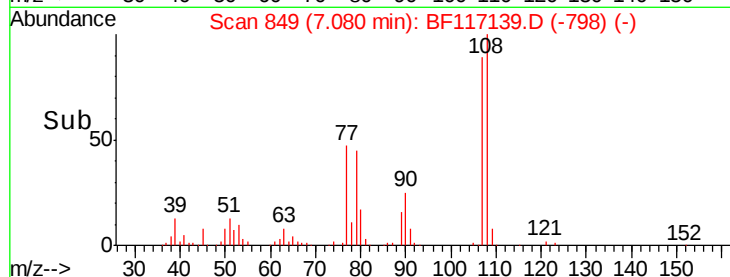
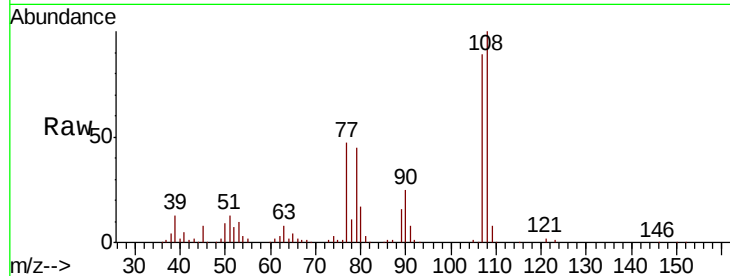
#17
2-Methylphenol
Concen: 41.767 ng
RT: 7.08 min Scan# 849
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.4	87.7	131.5	
77	52.6	38.6	58.0	
79	50.9	36.8	55.2	

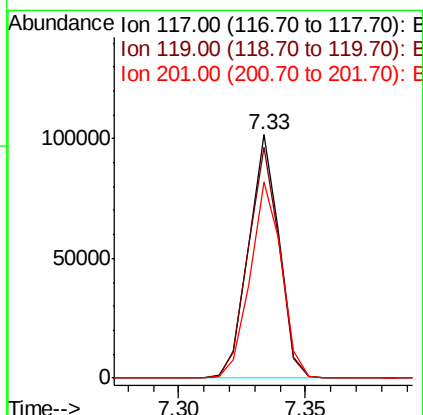
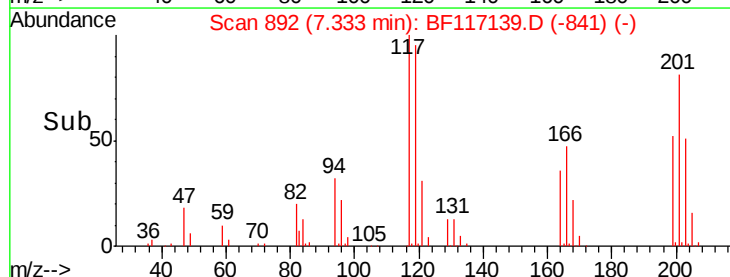
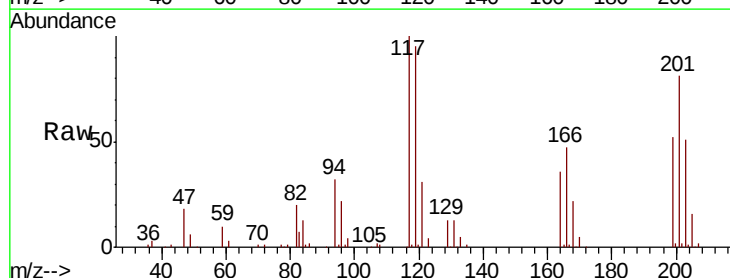
Manual Integrations
APPROVED

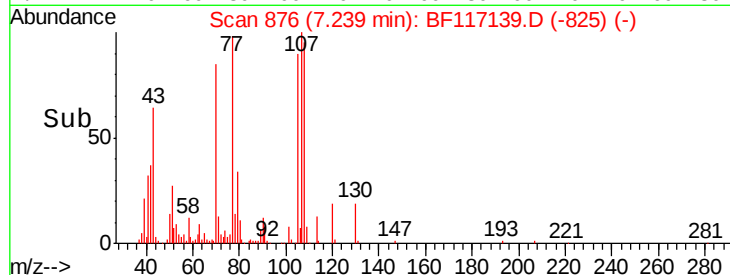
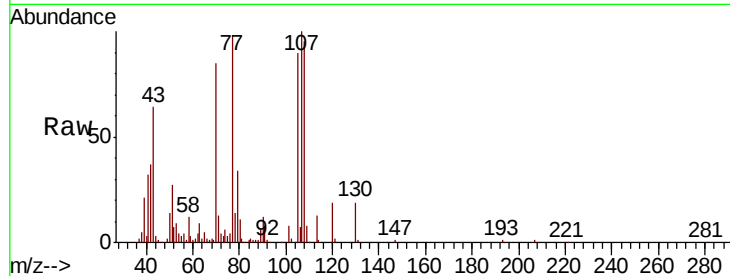
Jagrut
9/19/2019 10:42:08 AM



#18
Hexachloroethane
Concen: 40.283 ng
RT: 7.33 min Scan# 892
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	94.8	75.8	113.8	
201	80.9	60.9	91.3	





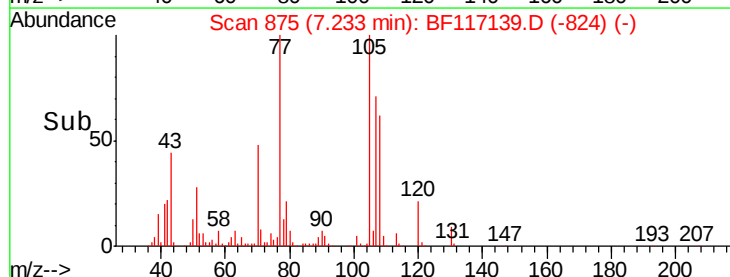
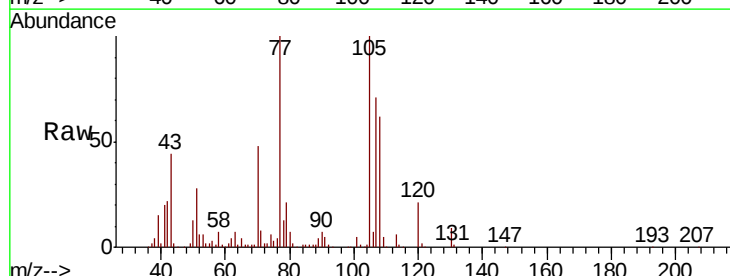
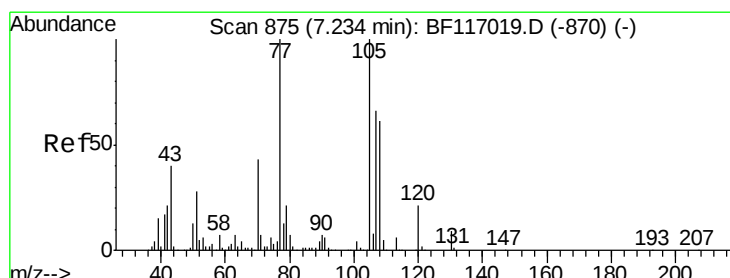
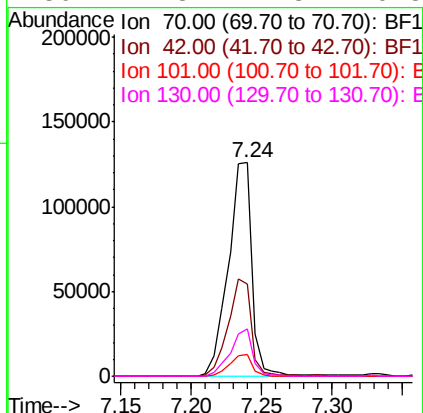
#19
n-Nitroso-di-n-propylamine
Concen: 42.219 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	43.3	34.0	51.0
101	10.0	7.8	11.6
130	22.3	17.8	26.8

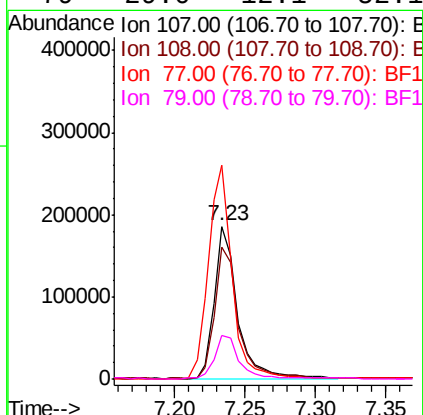
Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#20
3+4-Methylphenols
Concen: 42.064 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	86.2	72.6	112.6
77	140.1	132.1	172.1
79	29.0	12.1	52.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

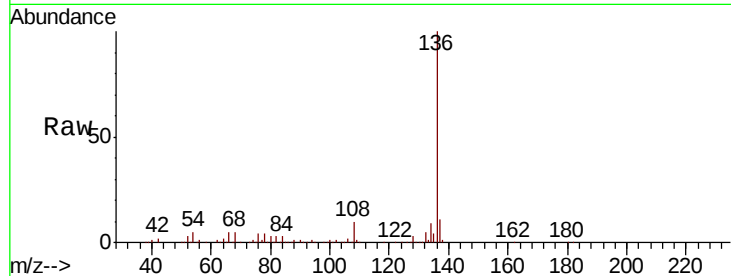
ClientSampleId :

PB123161BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		295333		
137	10.6		9.0	13.4	
54	5.1		4.5	6.7	
68	4.6		4.0	6.0	

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



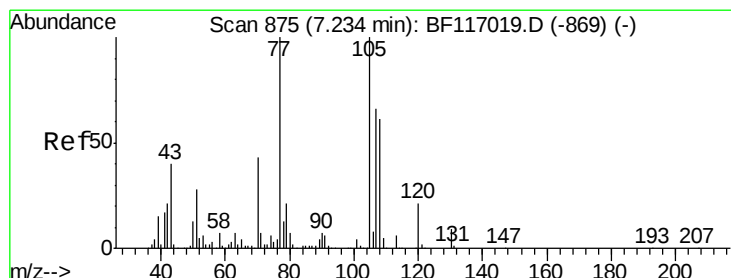
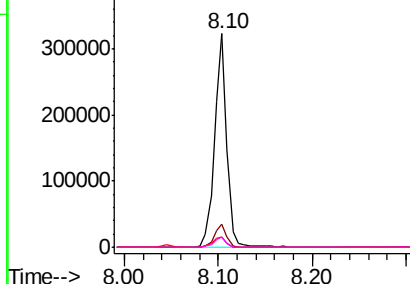
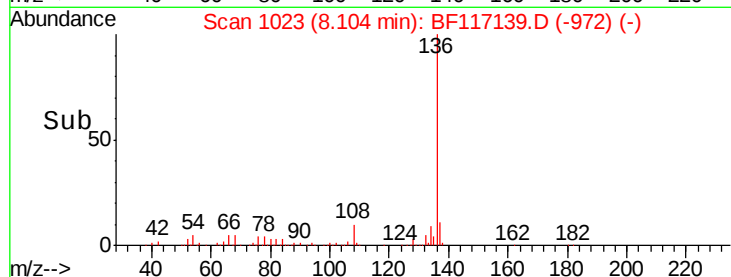
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.860 ng

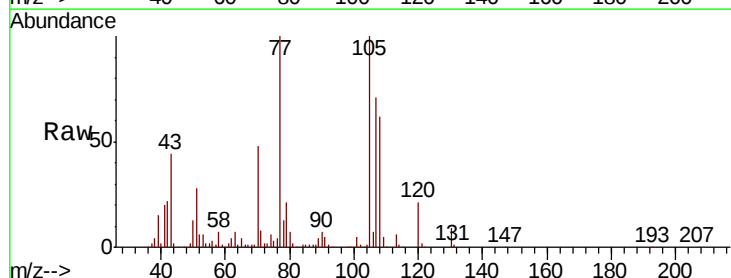
RT: 7.23 min Scan# 875

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		299086		
71	7.8		5.7	8.5	
51	28.0		22.1	33.1	
120	20.7		17.1	25.7	



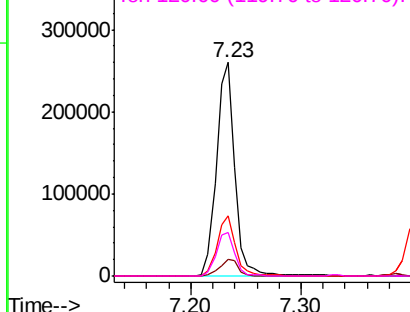
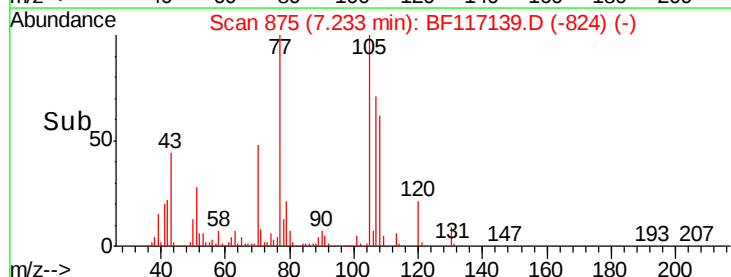
Abundance

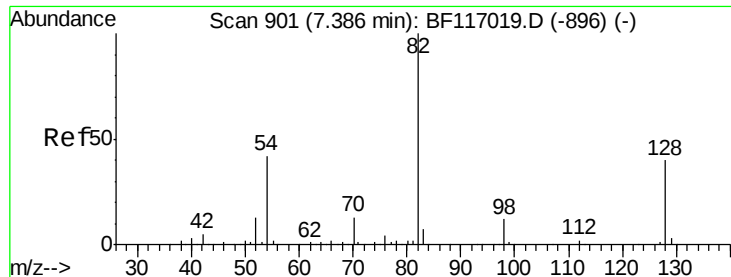
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





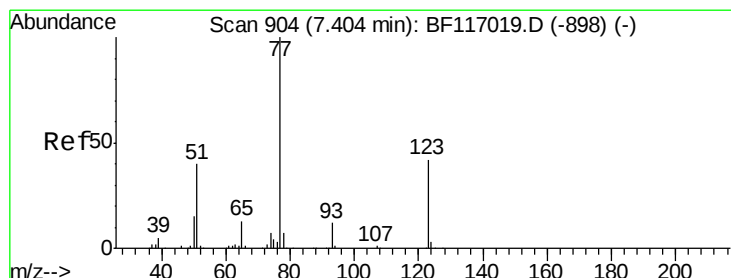
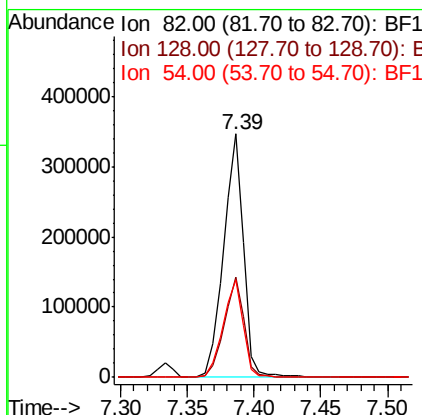
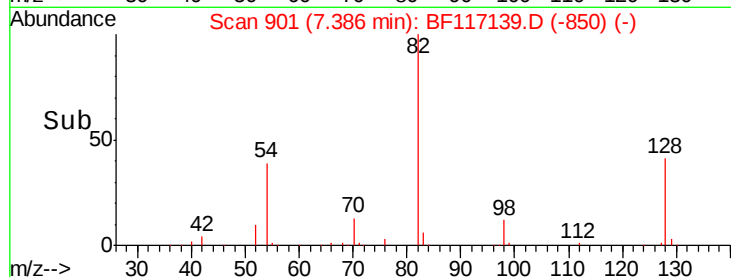
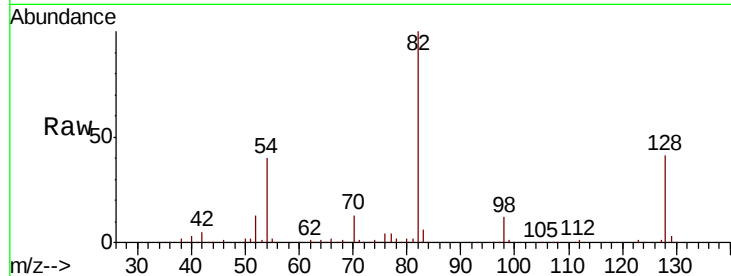
#23
Nitrobenzene-d5
Concen: 65.328 ng
RT: 7.39 min Scan# 901
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	41.1	32.3	48.5	
54	40.3	33.3	49.9	

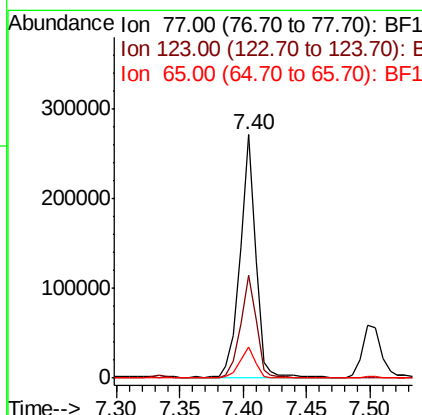
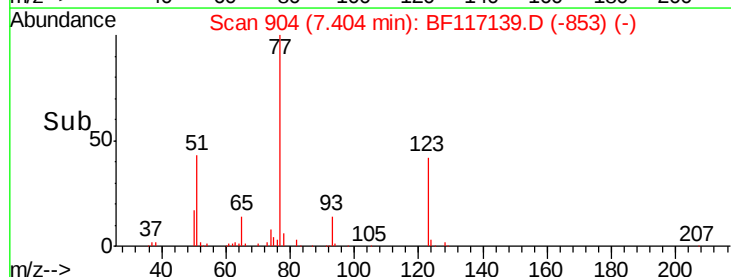
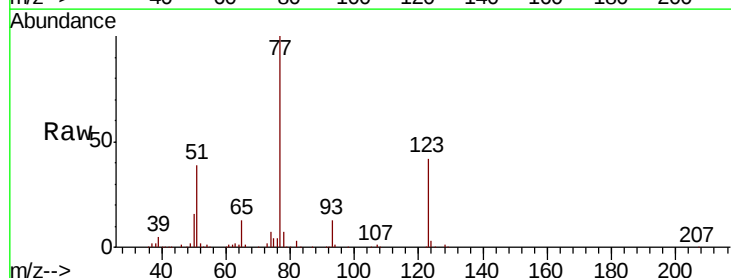
Manual Integrations
APPROVED

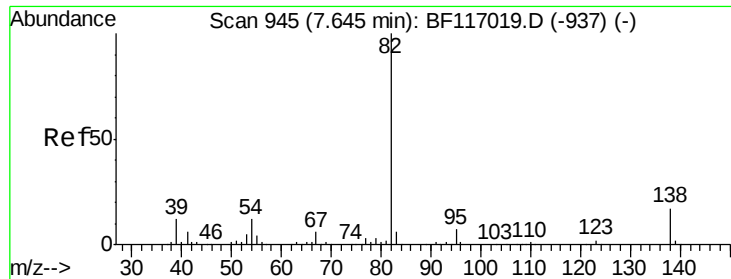
Jagrut
9/19/2019 10:42:08 AM



#24
Nitrobenzene
Concen: 41.138 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	42.4	33.5	50.3	
65	12.7	10.5	15.7	





#25

Isophorone

Concen: 40.661 ng

RT: 7.65 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

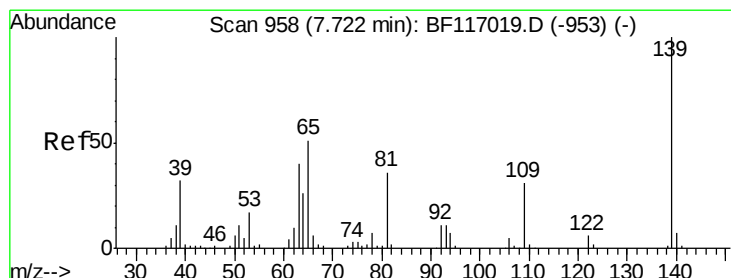
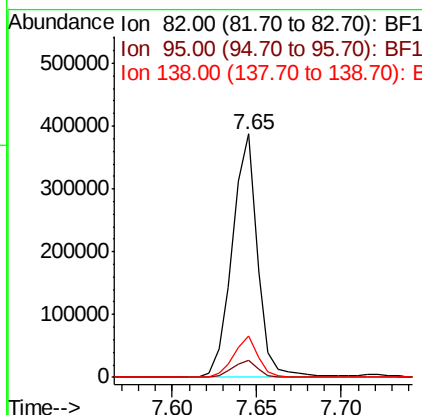
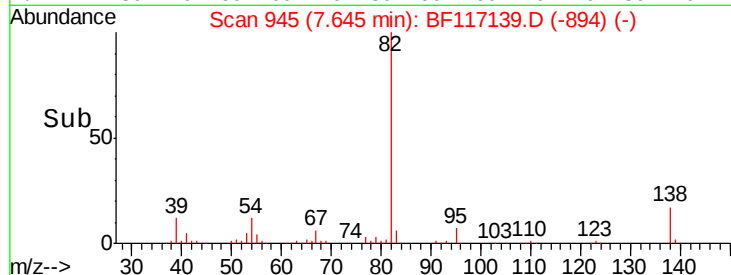
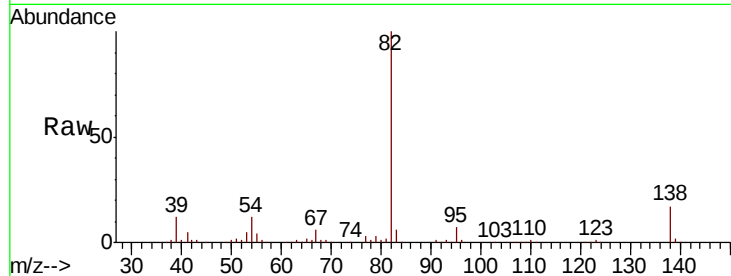
ClientSampleID :

PB123161BS

Tot Ion:	82	Resp:	404669
Ion Ratio	Lower	Upper	
82	100		
95	7.2	5.8	8.6
138	17.1	13.5	20.3

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#26

2-Nitrophenol

Concen: 45.267 ng

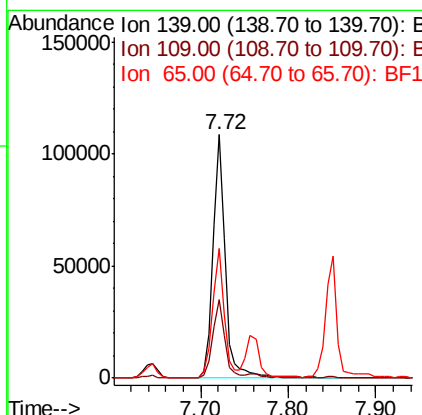
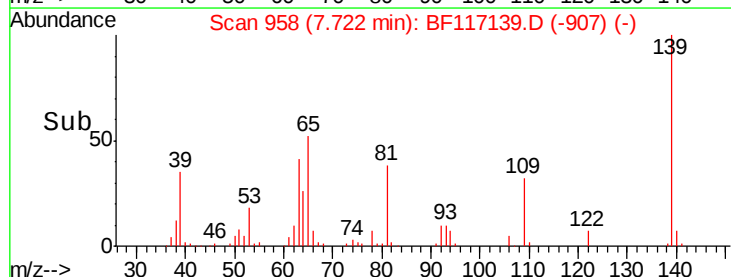
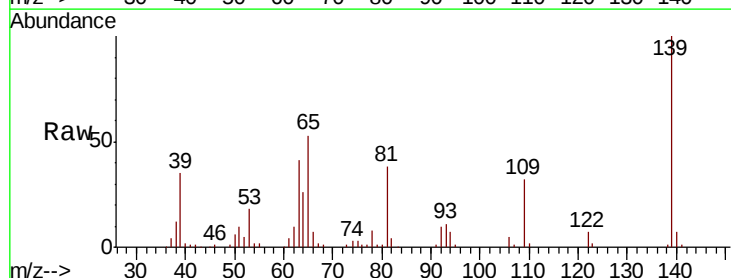
RT: 7.72 min Scan# 958

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Tgt Ion:	139	Resp:	107928
Ion Ratio	Lower	Upper	
139	100		
109	32.0	24.6	36.8
65	53.1	40.9	61.3





#27

2,4-Dimethylphenol

Concen: 46.787 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

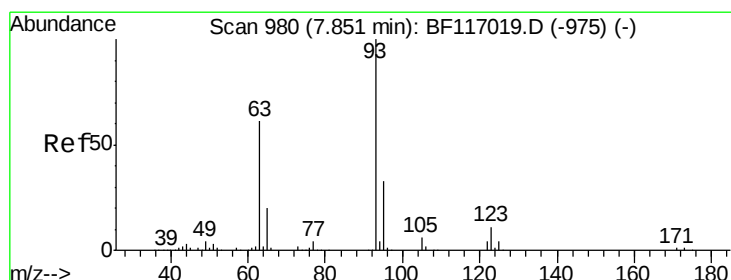
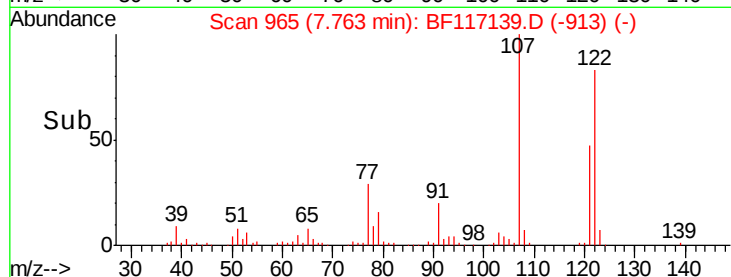
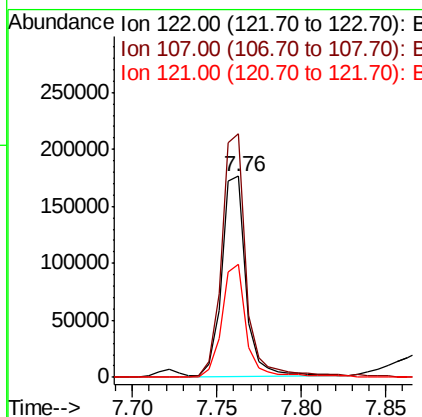
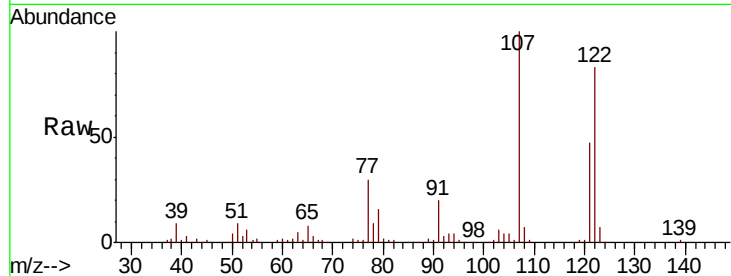
ClientSampled :

PB123161BS

Tot Ion:	122	Resp:	176900
Ion Ratio	Lower	Upper	
122	100		
107	121.2	98.9	148.3
121	56.4	45.3	67.9

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#28

bis(2-Chloroethoxy)methane

Concen: 39.990 ng

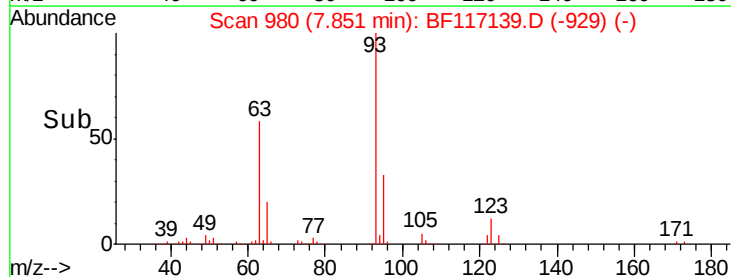
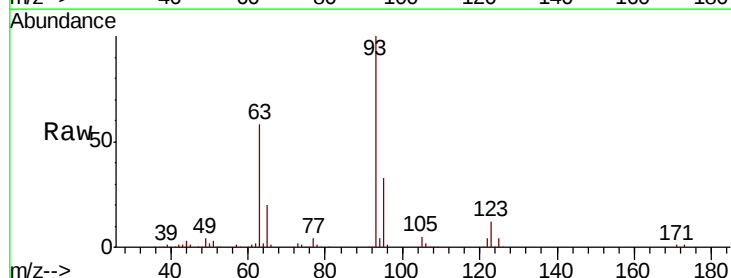
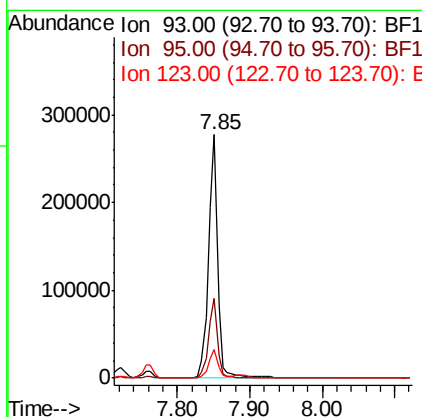
RT: 7.85 min Scan# 980

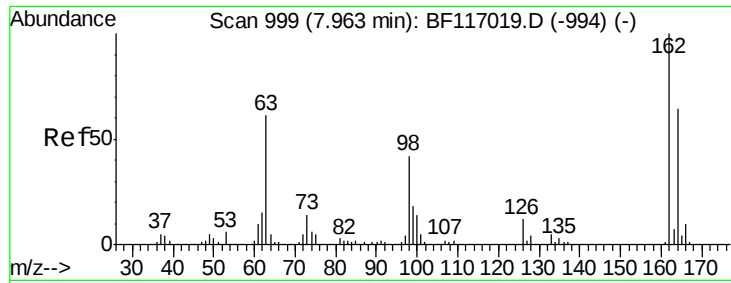
Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Tgt Ion:	93	Resp:	245204
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.2	39.4
123	11.8	9.0	13.6





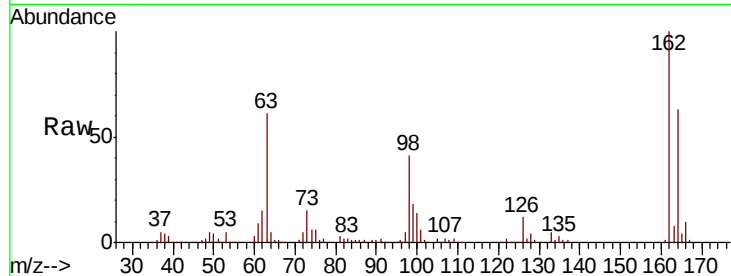
#29
2,4-Dichlorophenol
Concen: 42.317 ng
RT: 7.96 min Scan# 999
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	62.6	43.8	83.8
98	40.9	22.1	62.1

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM

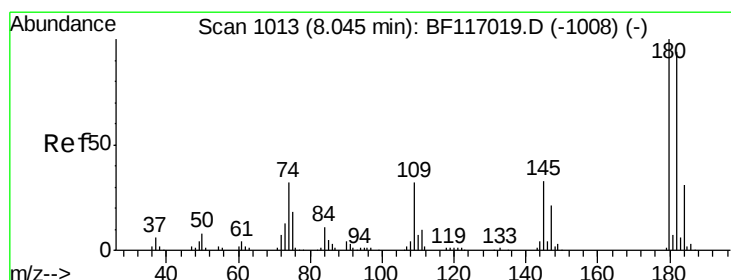
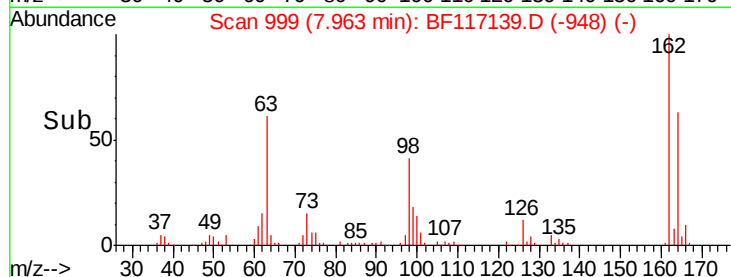
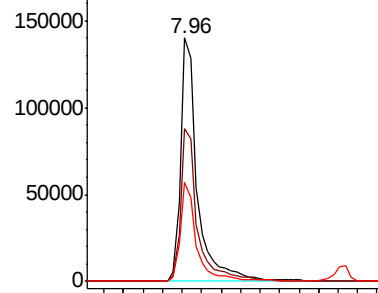


Abundance

Ion 162.00 (161.70 to 162.70): E

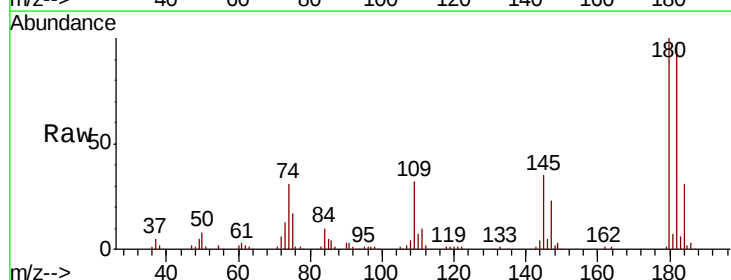
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
1,2,4-Trichlorobenzene
Concen: 38.745 ng
RT: 8.05 min Scan# 1013
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	96.6	75.4	113.0
145	35.0	26.7	40.1

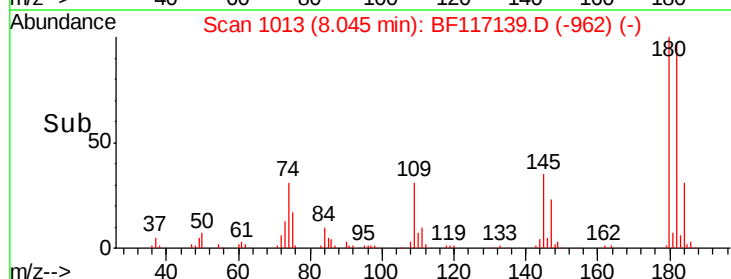
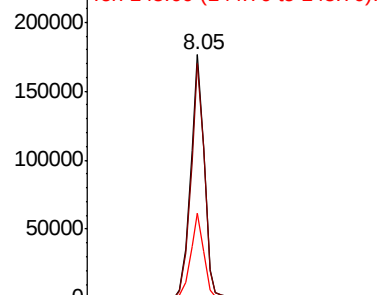


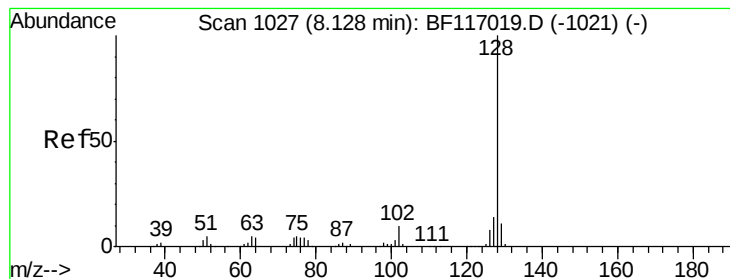
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 40.933 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

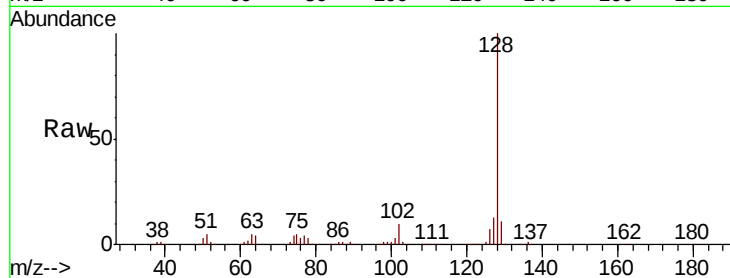
ClientSampleId :

PB123161BS

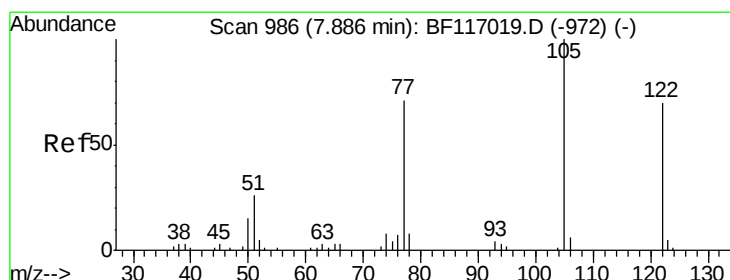
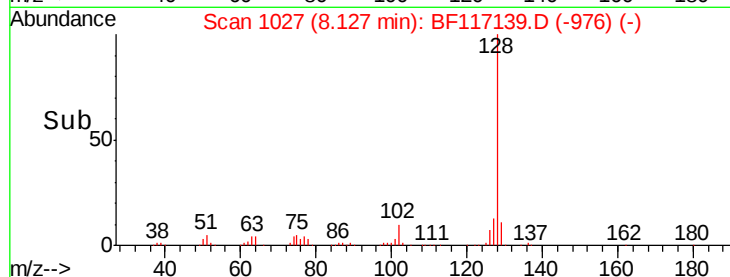
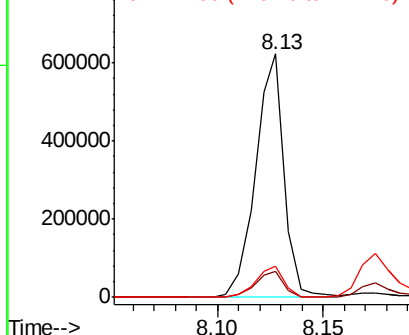
Tot Ion:128	Resp:	581393
Ion Ratio	Lower	Upper
128 100		
129 10.7	9.0	13.4
127 12.9	10.8	16.2

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



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



#32

Benzoic acid

Concen: 30.700 ng

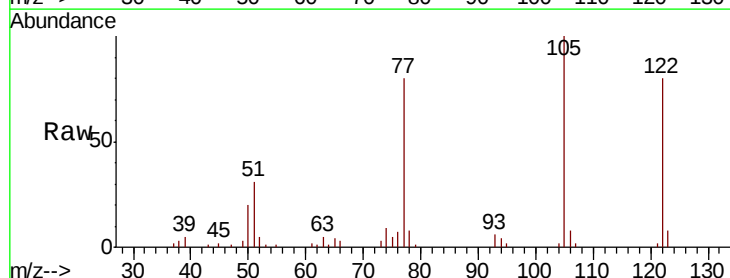
RT: 7.89 min Scan# 987

Delta R.T. 0.01 min

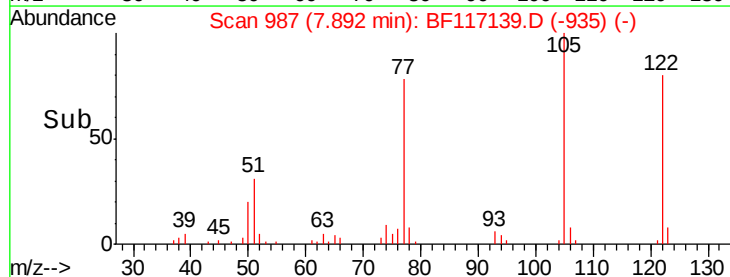
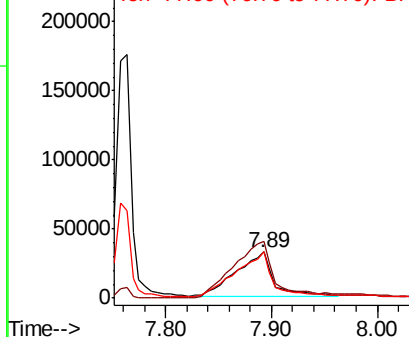
Lab File: BF117139.D

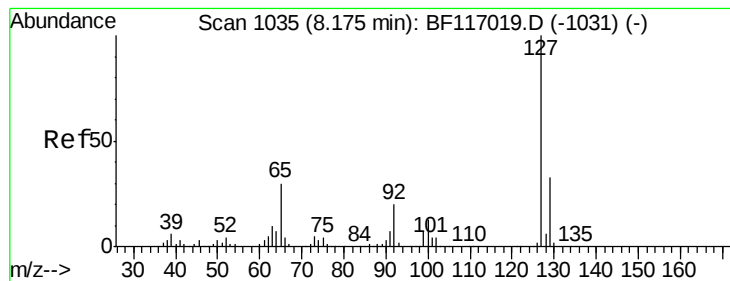
Acq: 18 Sep 2019 11:08

Tgt Ion:122	Resp:	79780
Ion Ratio	Lower	Upper
122 100		
105 124.6	114.8	154.8
77 100.0	78.7	118.7



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





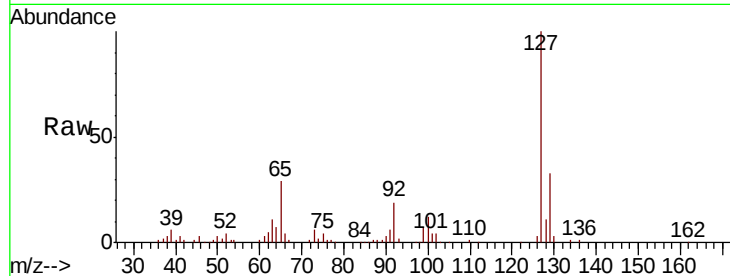
#33
4-Chloroaniline
Concen: 23.135 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

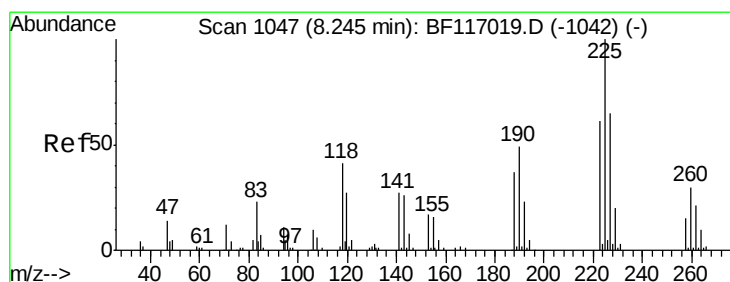
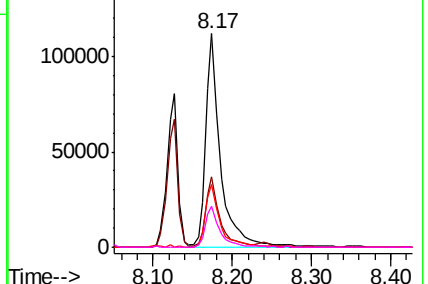
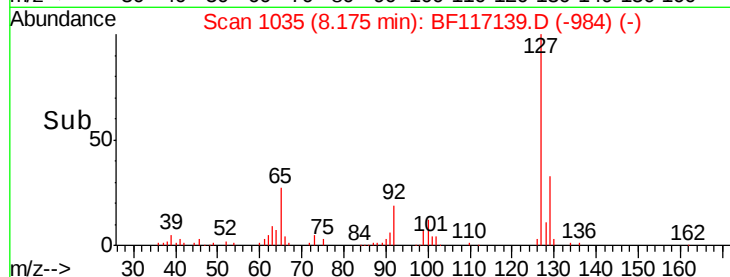
Tot Ion	Ratio	Resp	Lower	Upper
127	100	145744		
129	32.9	26.2	39.2	
65	29.2	23.5	35.3	
92	19.2	15.9	23.9	

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM

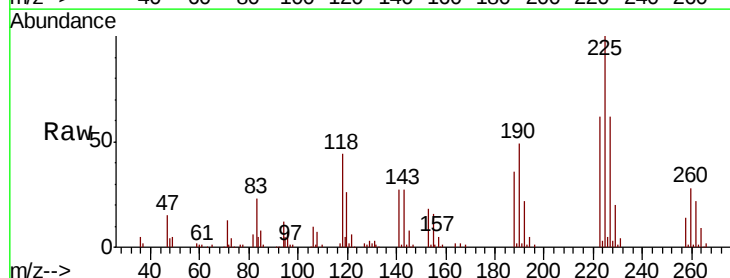


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

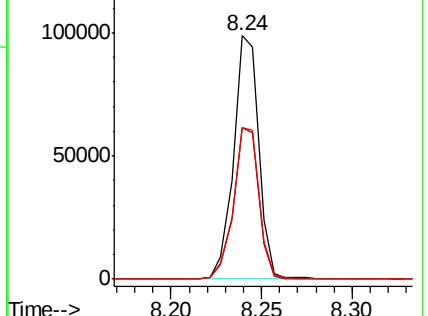
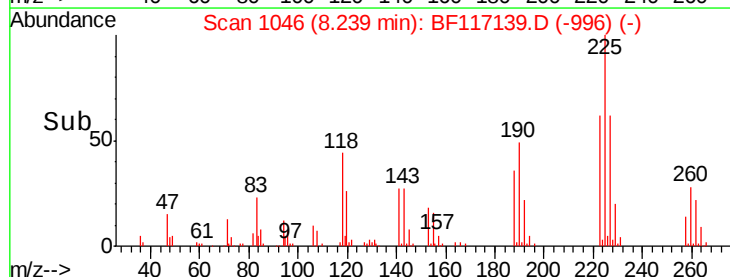


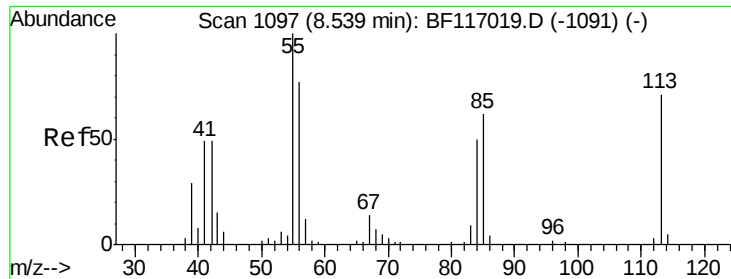
#34
Hexachlorobutadiene
Concen: 39.348 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	95550		
223	62.4	49.1	73.7	
227	62.3	52.2	78.2	



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





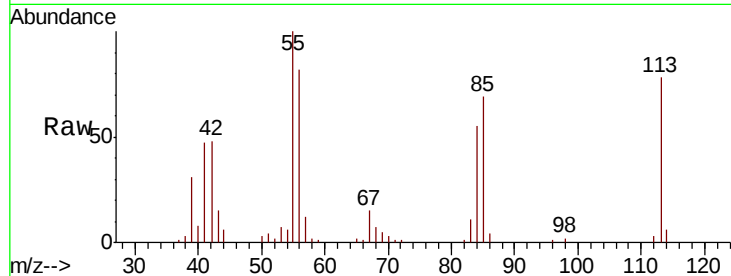
#35
Caprolactam
Concen: 39.326 ng/ml
RT: 8.55 min Scan# 1098
Delta R.T. 0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Lower	Upper
113	100		
55	127.8	120.6	160.6
56	104.3	88.8	128.8

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM

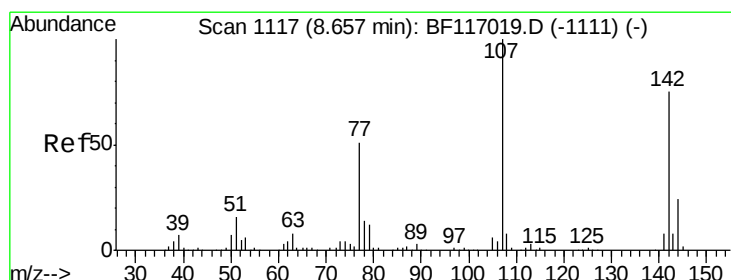
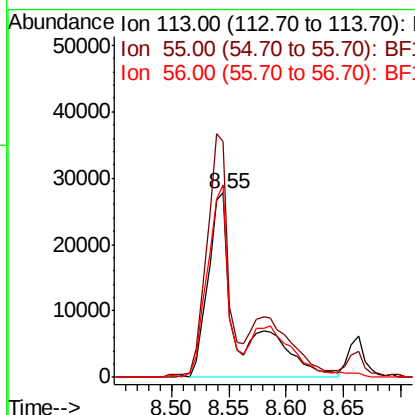
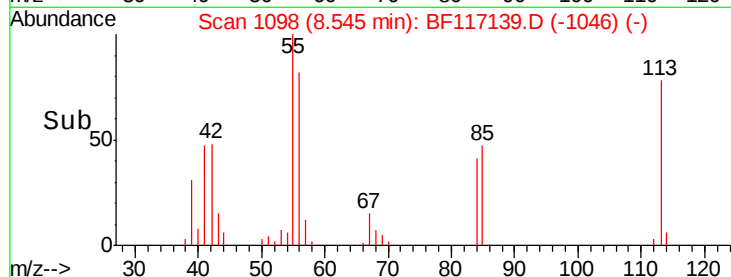


Abundance

Ion 113.00 (112.70 to 113.70): E

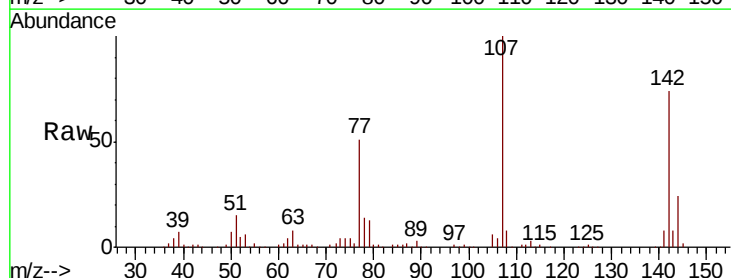
Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36
4-Chloro-3-methylphenol
Concen: 42.225 ng/ml
RT: 8.66 min Scan# 1118
Delta R.T. 0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.0	19.2	28.8
142	73.6	59.6	89.4

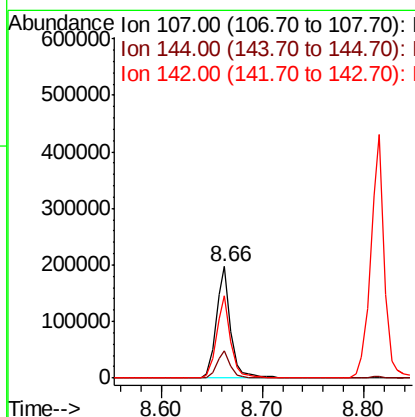
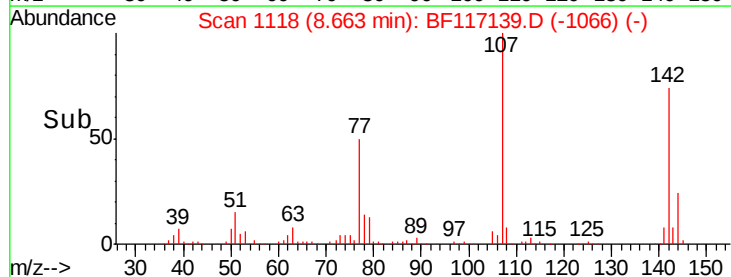


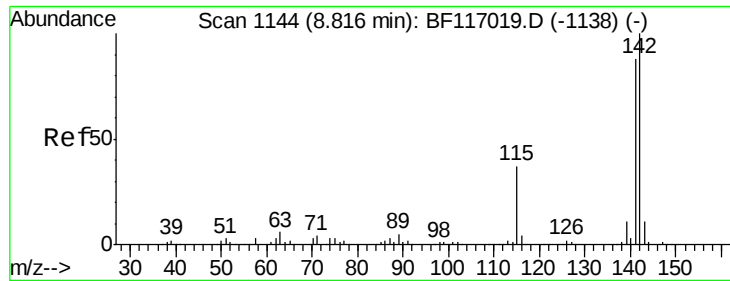
Abundance

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





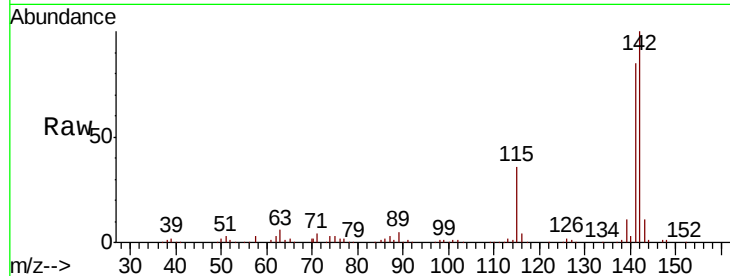
#37
2-Methylnaphthalene
Concen: 42.060 ng
RT: 8.82 min Scan# 1144
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.3	70.7	106.1
115	36.0	29.4	44.0

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM

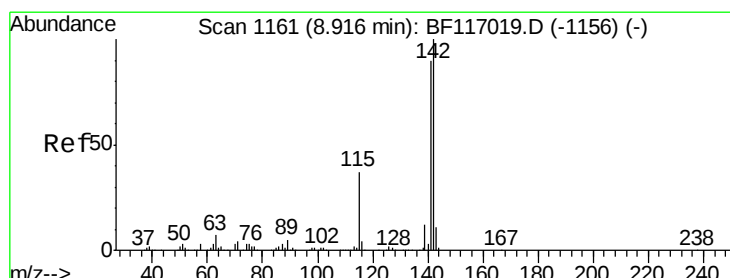
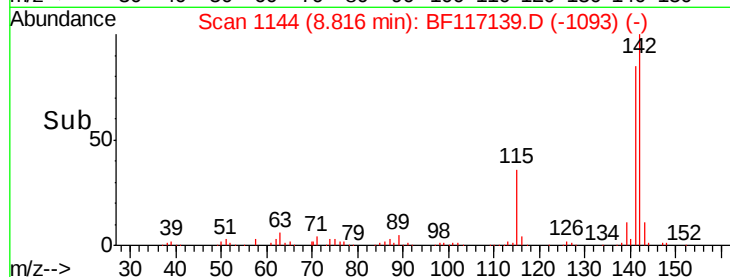
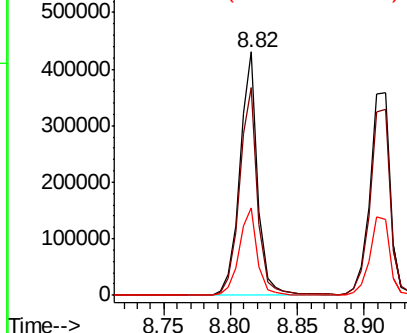


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.473 ng
RT: 8.92 min Scan# 1161
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

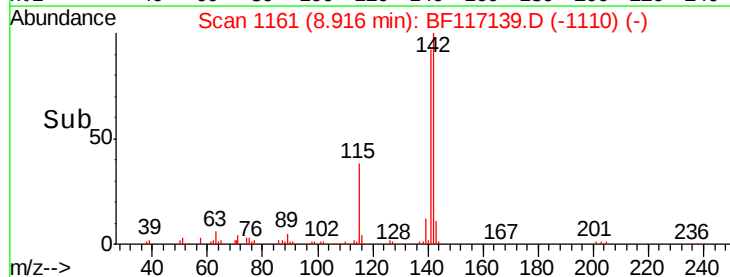
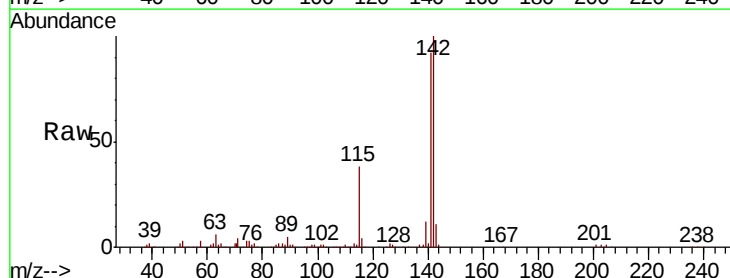
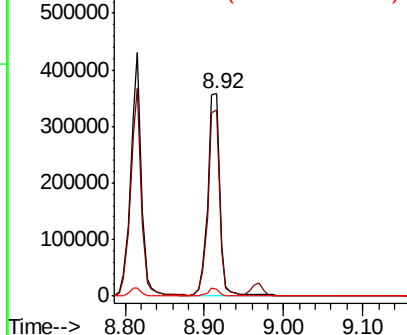
Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.1	71.9	107.9
116	3.6	3.2	4.8

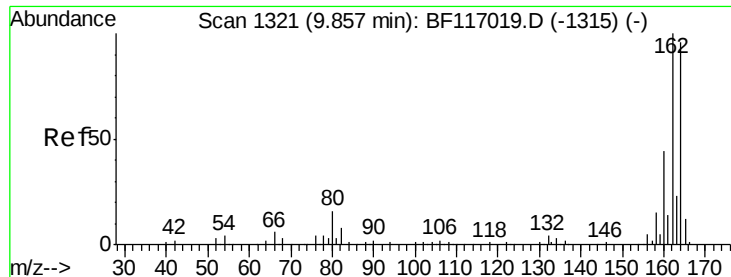
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





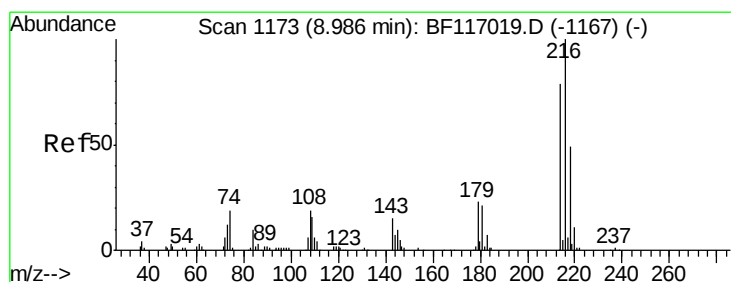
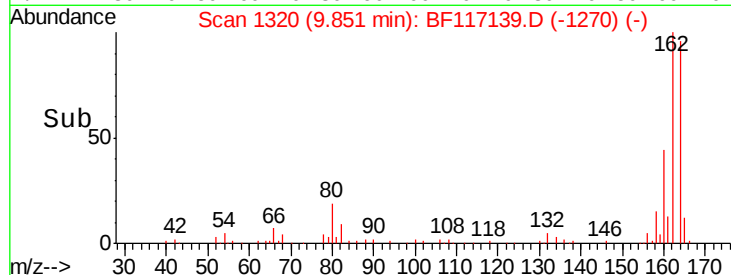
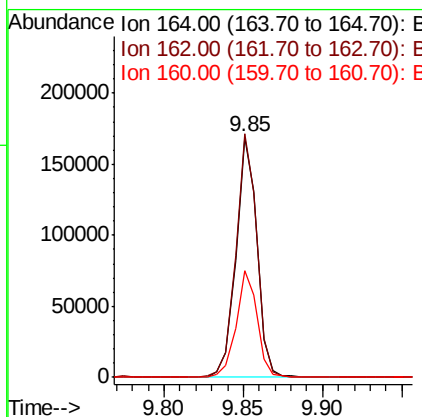
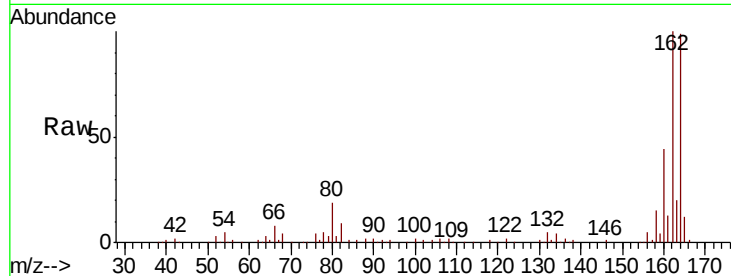
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.4	125.2
160	44.6	36.4	54.6

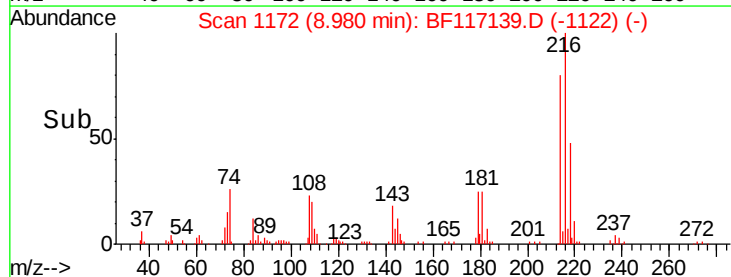
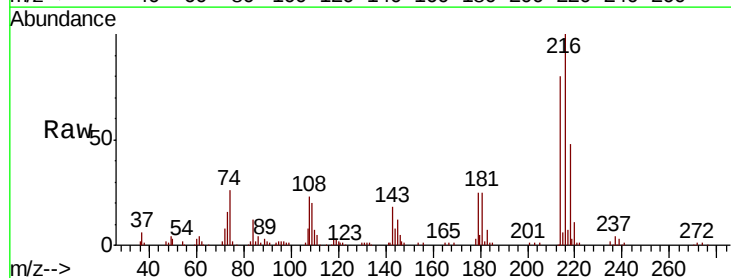
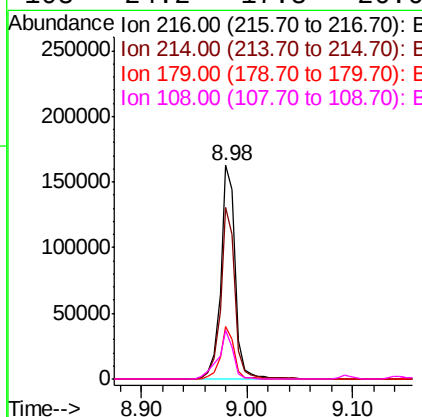
Manual Integrations
APPROVED

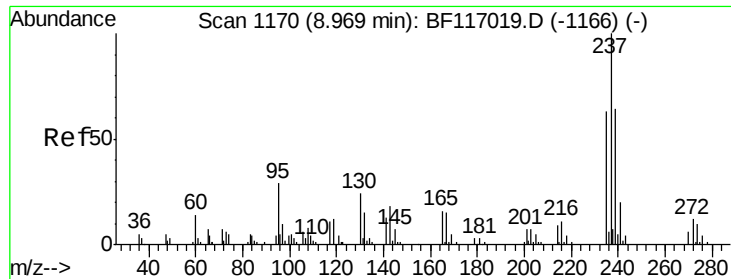
Jagrut
9/19/2019 10:42:08 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.238 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.6	95.4
179	23.2	18.3	27.5
108	24.2	17.8	26.6





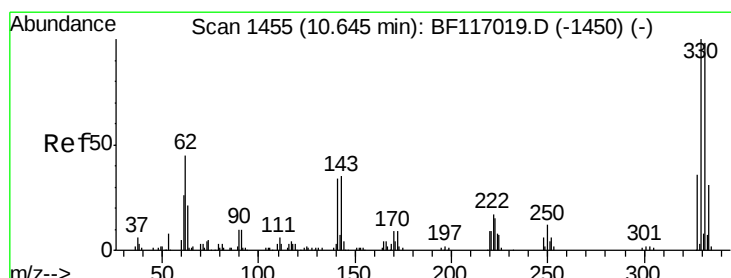
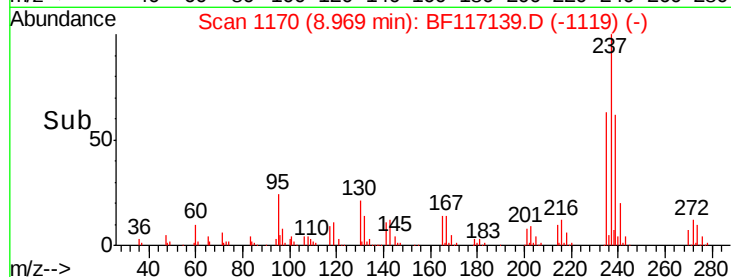
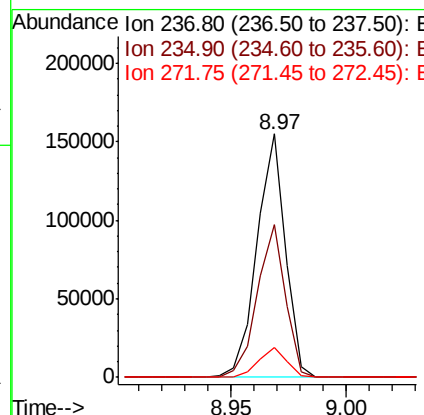
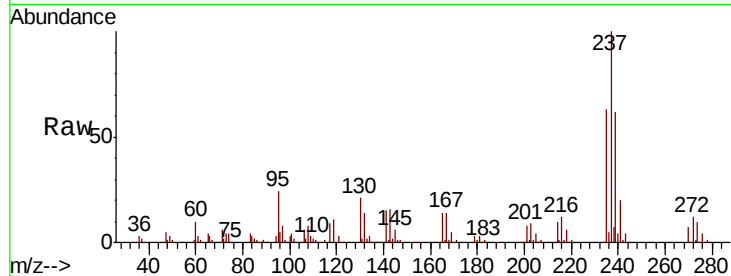
#41
Hexachlorocyclopentadiene
Concen: 76.002 ng
RT: 8.97 min Scan# 1170
Delta R.T. 0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	62.7	43.2	83.2
272	12.4	0.0	31.9

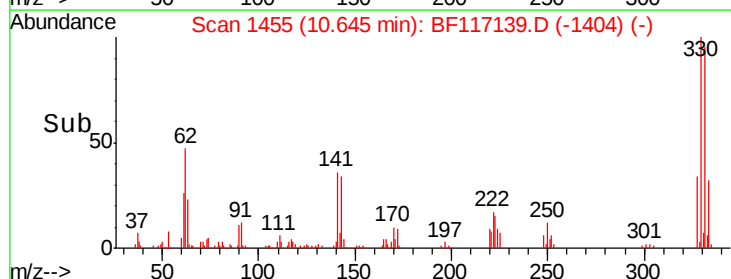
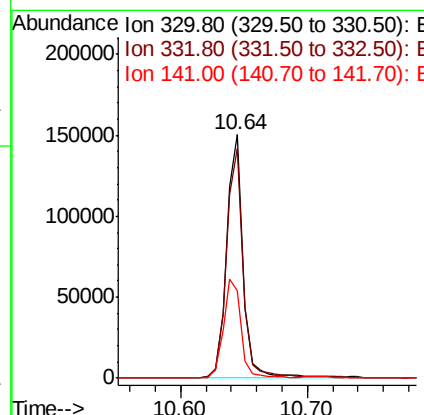
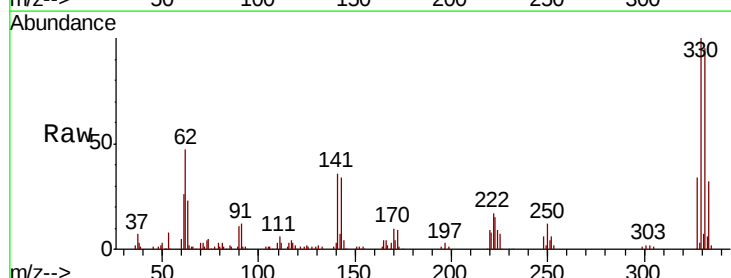
Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#42
2,4,6-Tribromophenol
Concen: 106.075 ng
RT: 10.64 min Scan# 1455
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	96.7	78.0	117.0
141	43.8	35.8	53.6





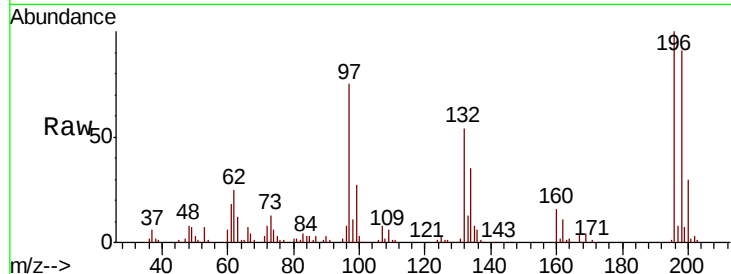
#43
2,4,6-Trichlorophenol
Concen: 39.315 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampled :
PB123161BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	106613		
198	90.7	75.7	113.5	
200	30.5	23.3	34.9	

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM

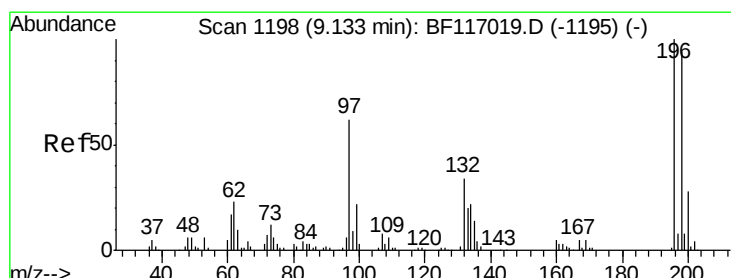
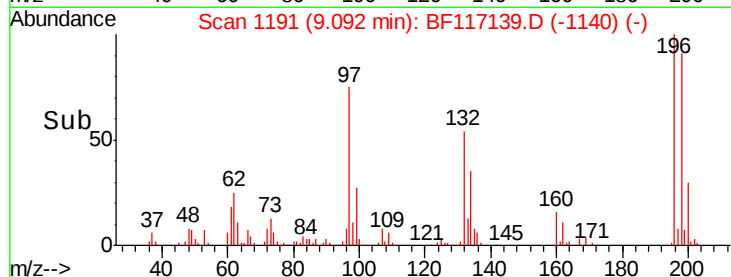
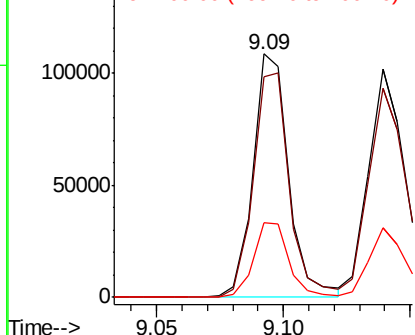


Abundance

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: 40.028 ng
RT: 9.14 min Scan# 1199
Delta R.T. 0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	115971		
198	91.6	74.6	112.0	
97	60.9	49.5	74.3	
132	32.6	27.4	41.2	

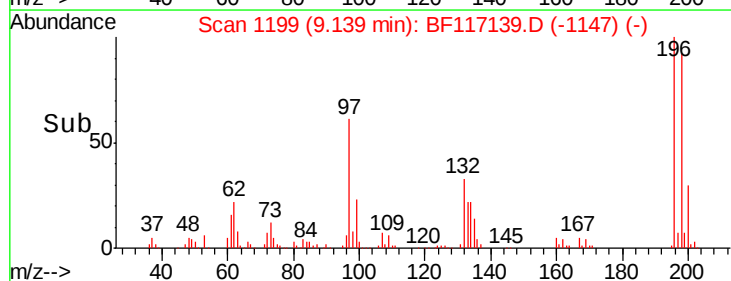
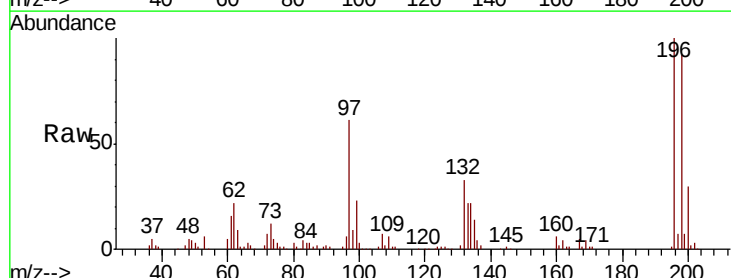
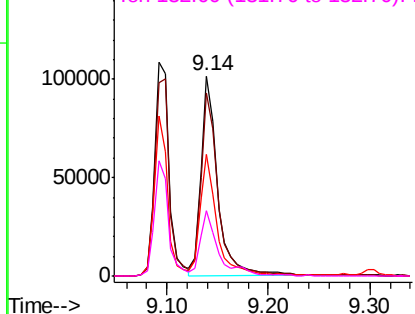
Abundance

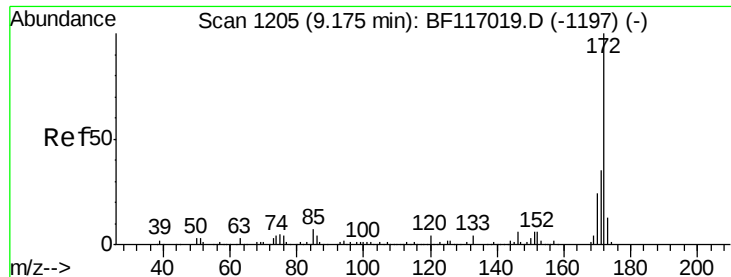
Ion 196.00 (195.70 to 196.70): E

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





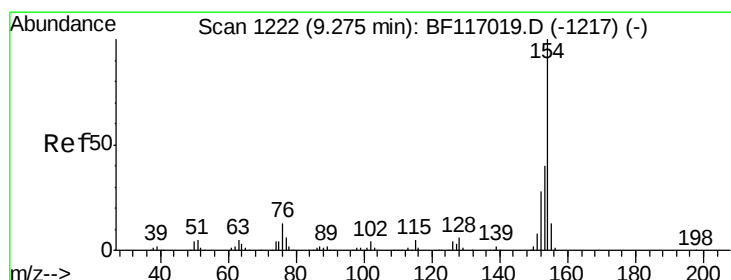
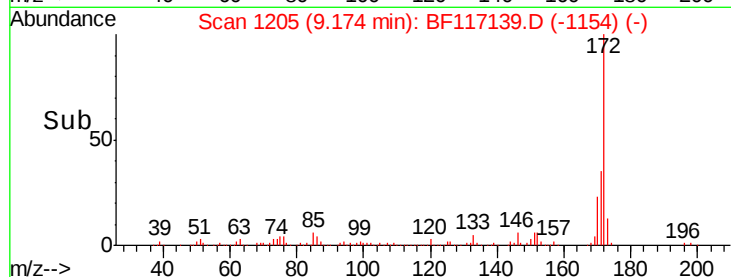
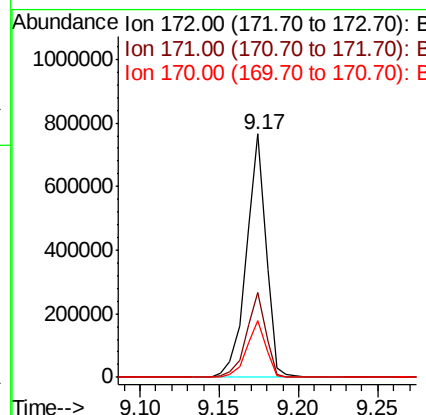
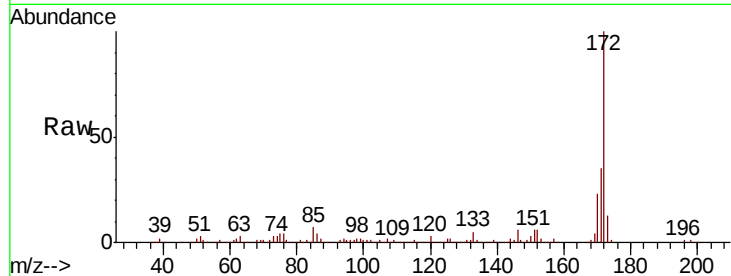
#45
2-Fluorobiphenyl
Concen: 66.307 ng
RT: 9.17 min Scan# 1205
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Resp	Lower	Upper
172	100	656230		
171	35.0		28.2	42.2
170	23.5		18.9	28.3

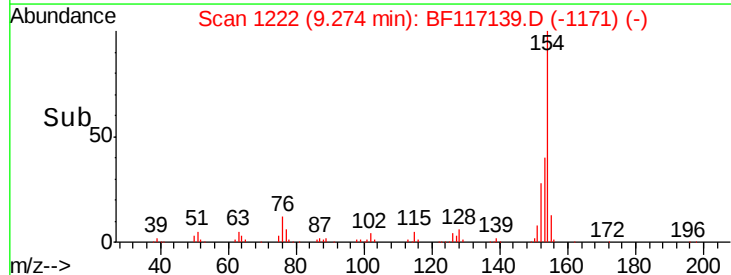
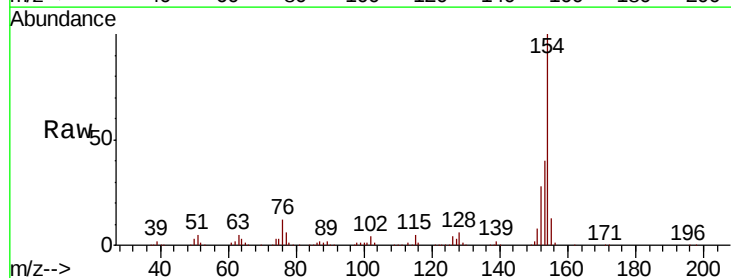
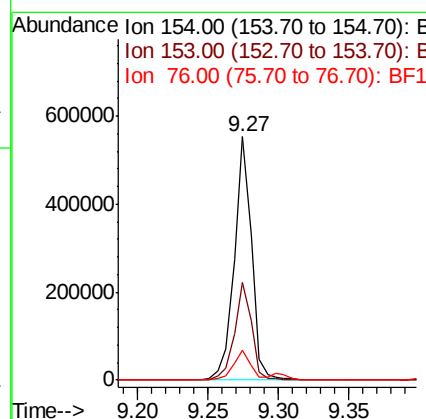
Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#46
1,1'-Biphenyl
Concen: 38.806 ng
RT: 9.27 min Scan# 1222
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	471040		
153	40.3		20.0	60.0
76	12.0		0.0	32.7





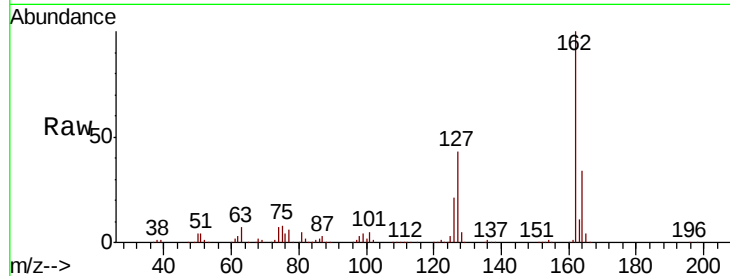
#47
2-Chloronaphthalene
Concen: 38.367 ng
RT: 9.30 min Scan# 1227
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	43.5	34.1	51.1	
164	34.3	25.9	38.9	

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM

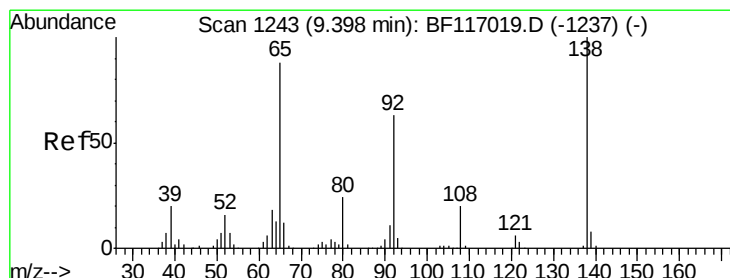
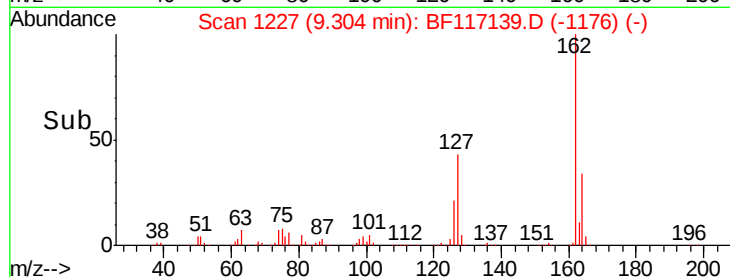
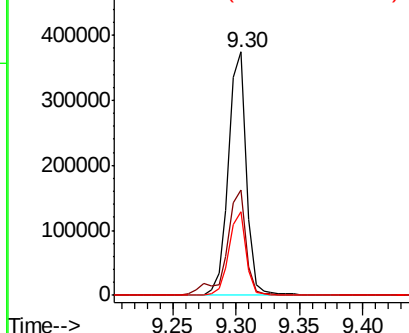


Abundance

Ion 162.00 (161.70 to 162.70): E

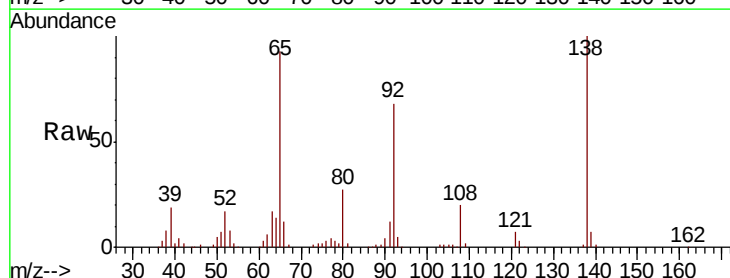
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 37.740 ng
RT: 9.40 min Scan# 1243
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	73.2	57.5	86.3	
138	107.2	90.6	136.0	

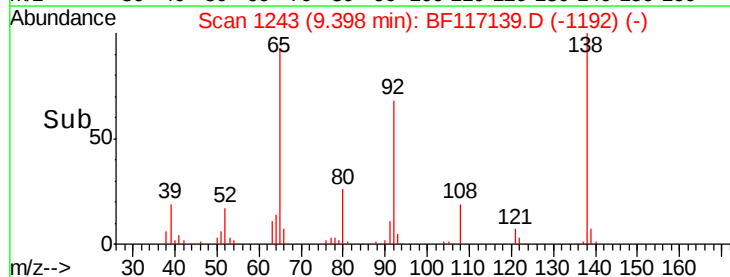
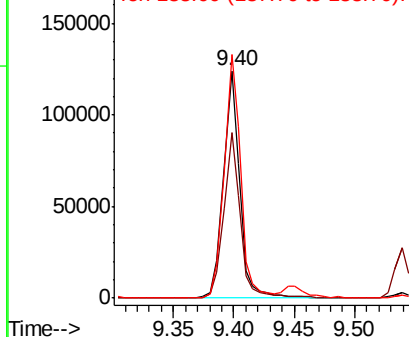


Abundance

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





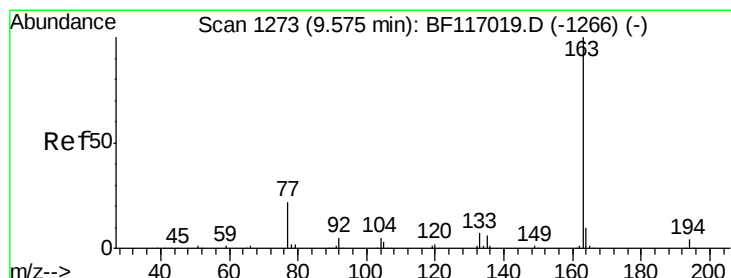
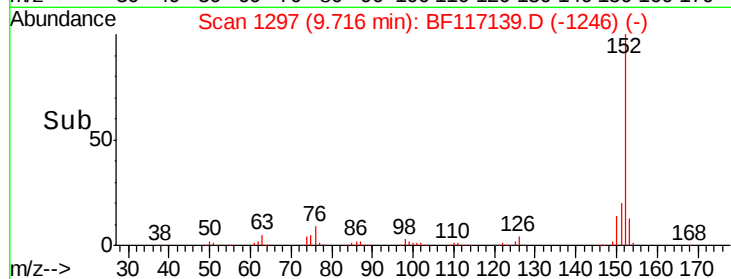
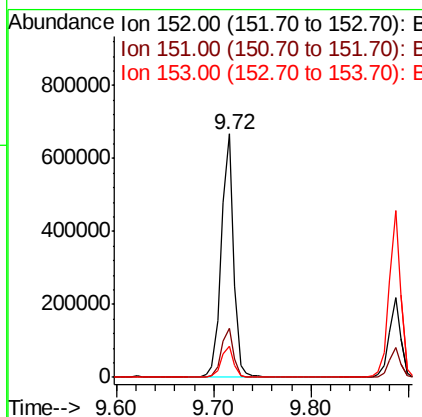
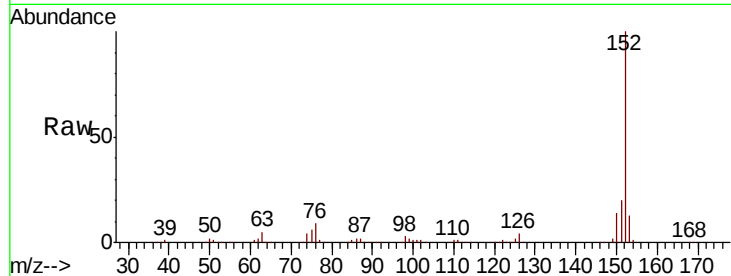
#49
Acenaphthylene
Concen: 40.642 ng
RT: 9.72 min Scan# 1297
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Resp	Lower	Upper
152	100	583248		
151	19.9		16.2	24.2
153	12.7		10.2	15.4

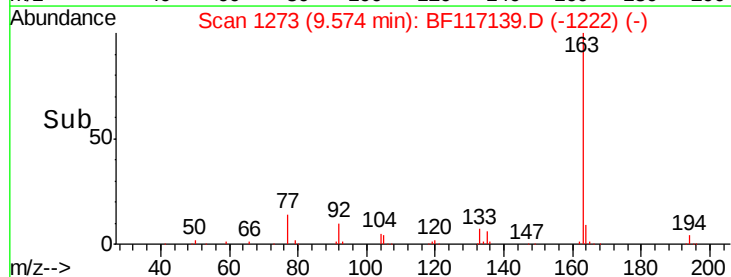
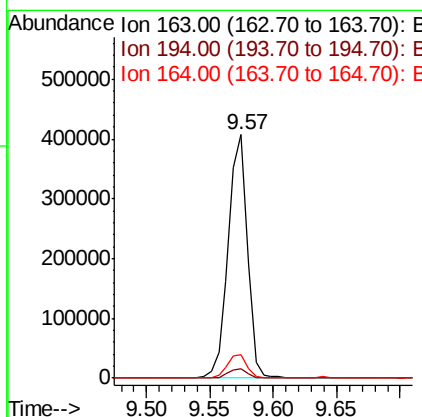
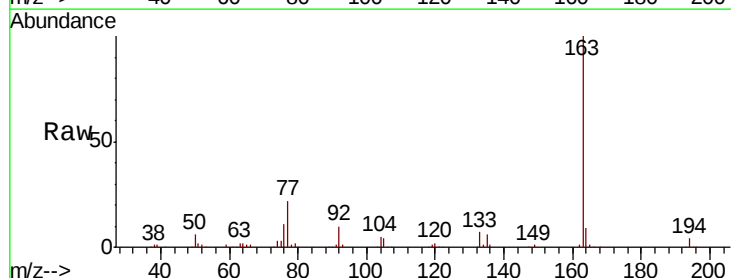
Manual Integrations
APPROVED

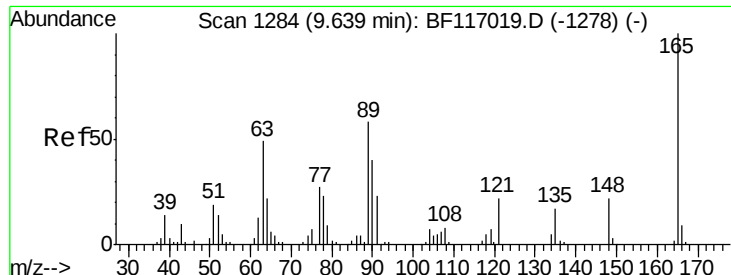
Jagrut
9/19/2019 10:42:08 AM



#50
Dimethylphthalate
Concen: 38.992 ng
RT: 9.57 min Scan# 1273
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	427225		
194	4.0		2.9	4.3
164	9.5		8.2	12.4





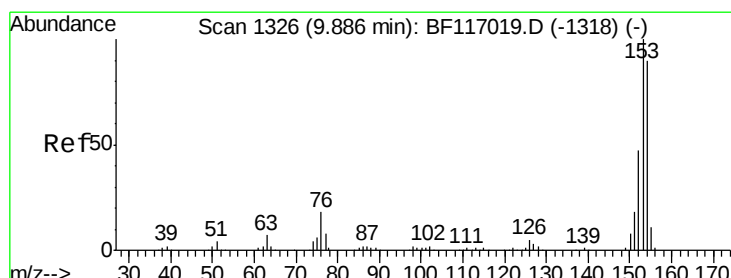
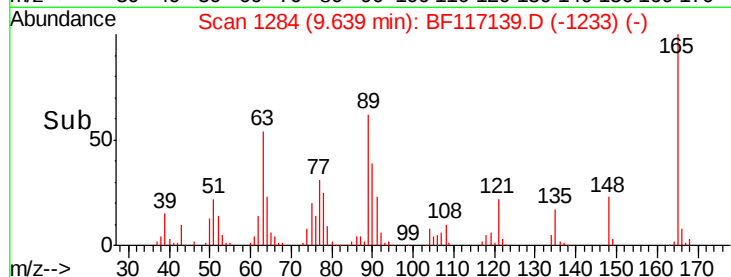
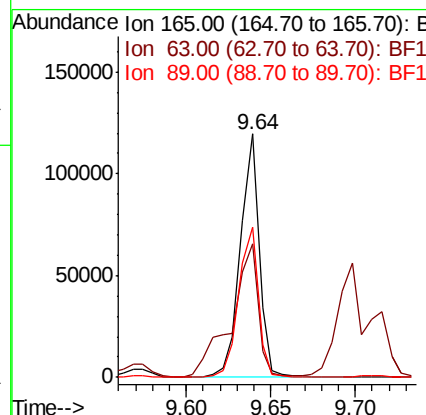
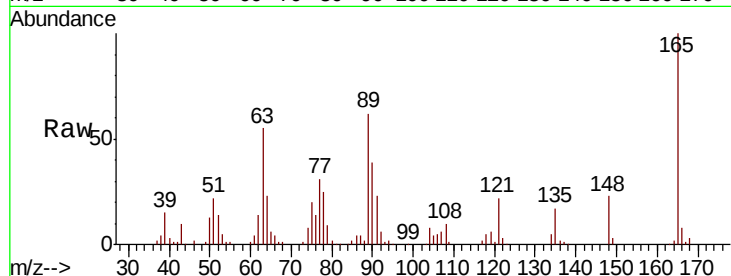
#51
2,6-Dinitrotoluene
Concen: 41.708 ng
RT: 9.64 min Scan# 1284
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	54.8	41.8	62.8	
89	61.5	46.5	69.7	

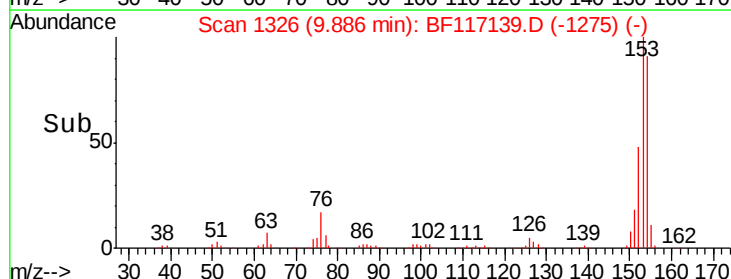
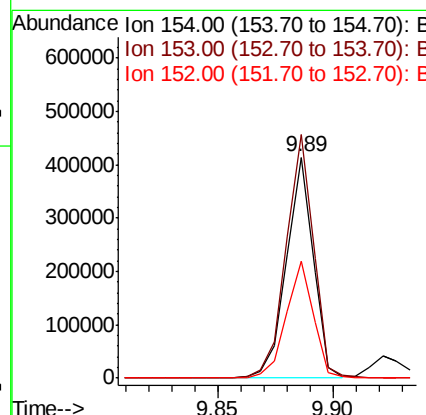
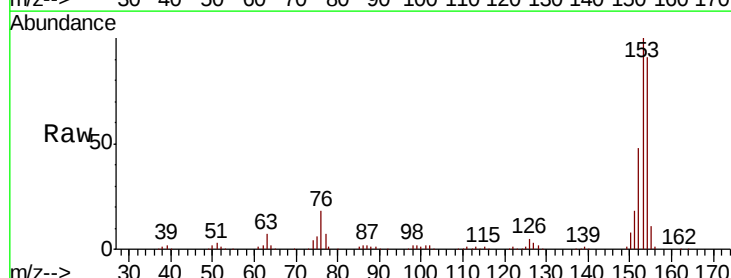
Manual Integrations
APPROVED

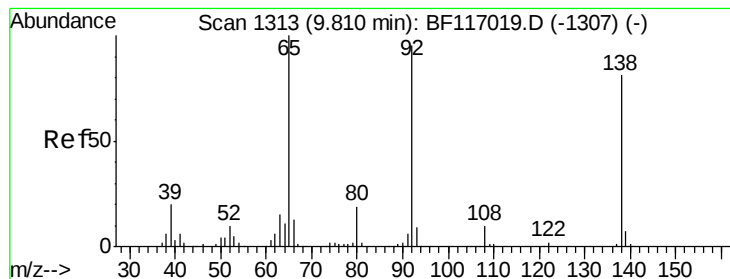
Jagrut
9/19/2019 10:42:08 AM



#52
Acenaphthene
Concen: 39.220 ng
RT: 9.89 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	110.1	89.0	133.6	
152	52.6	41.9	62.9	





#53

3-Nitroaniline

Concen: 27.080 ng

RT: 9.81 min Scan# 1313

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

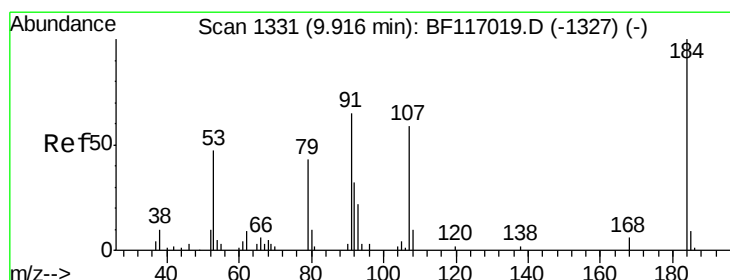
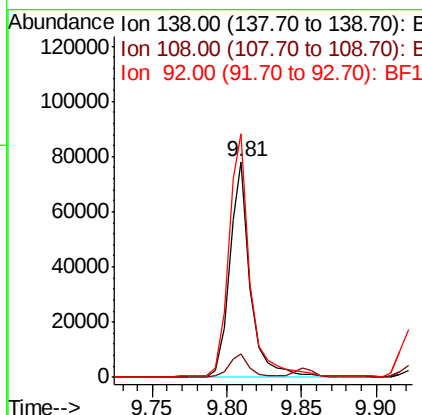
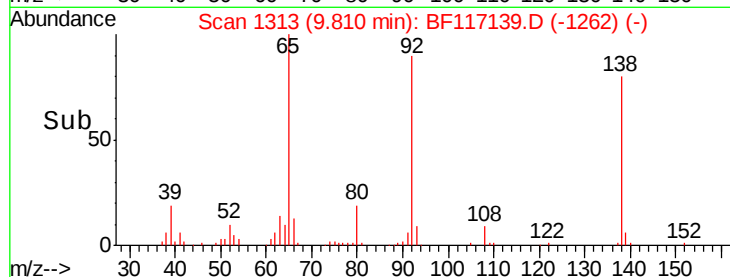
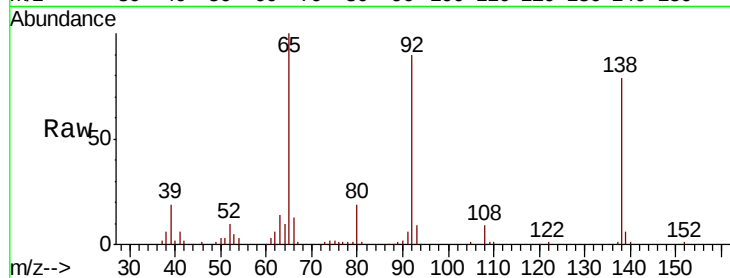
ClientSampleId :

PB123161BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.0	9.5	14.3
92	113.0	94.1	141.1

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#54

2,4-Dinitrophenol

Concen: 74.962 ng

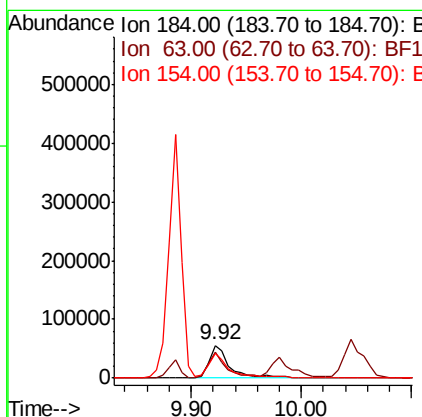
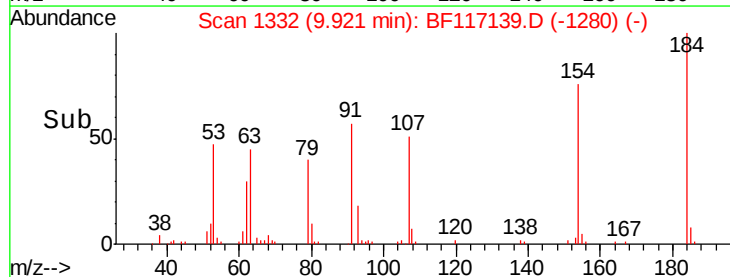
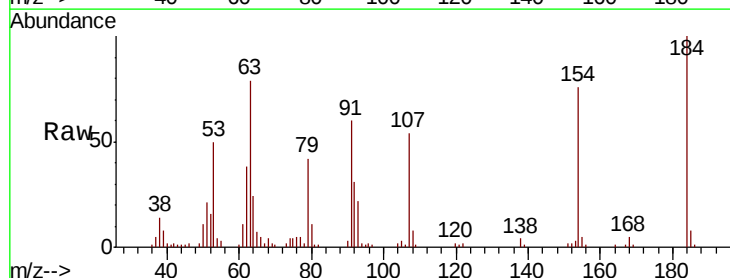
RT: 9.92 min Scan# 1332

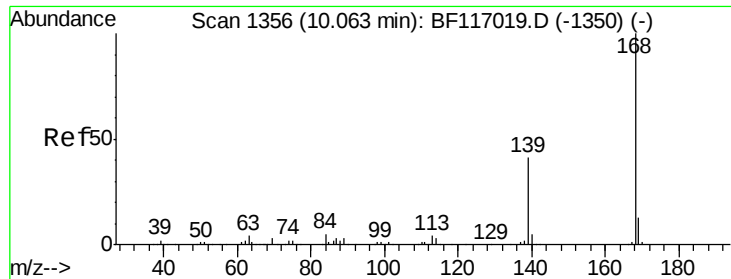
Delta R.T. 0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
184	100		
63	79.2	63.8	95.6
154	75.8	60.4	90.6





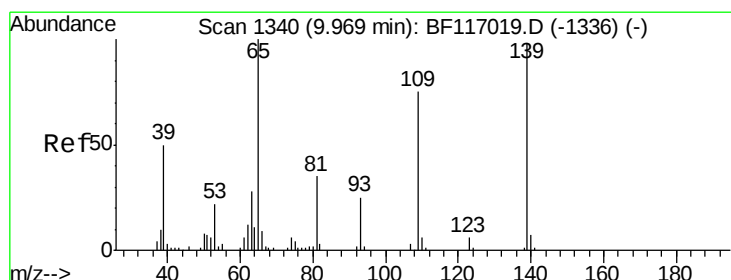
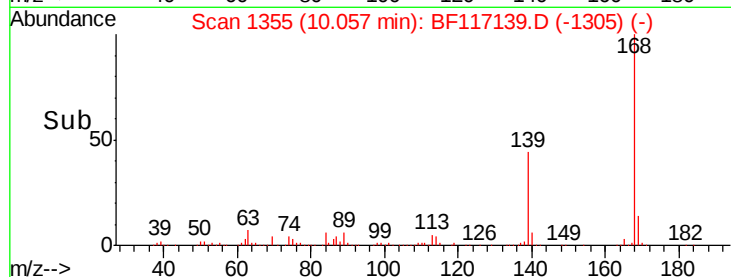
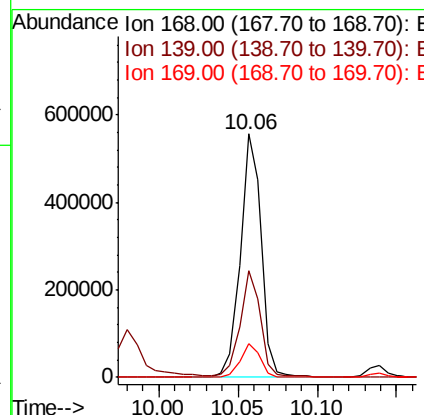
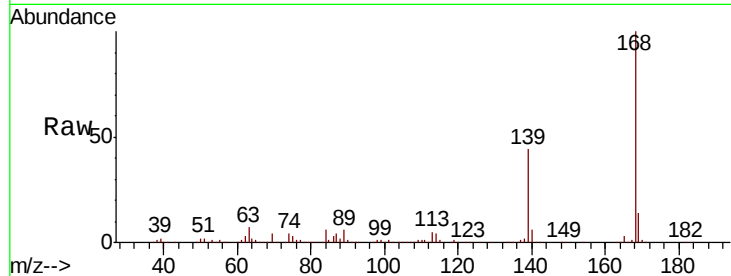
#55
Dibenzenofuran
Concen: 40.410 ng
RT: 10.06 min Scan# 1355
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.6	32.8	49.2
169	13.7	10.5	15.7

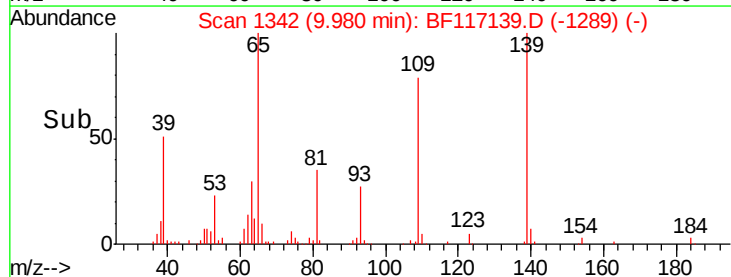
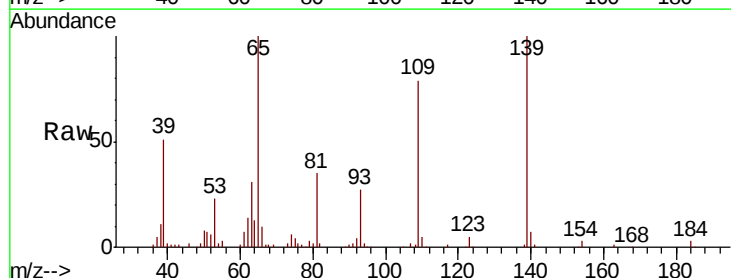
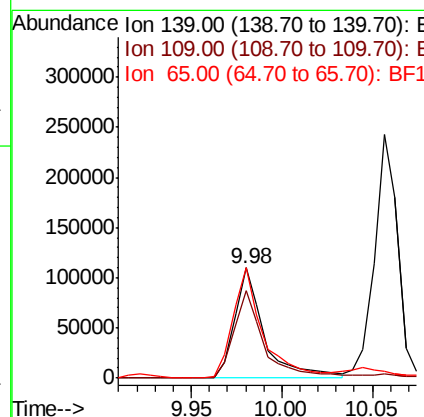
Manual Integrations
APPROVED

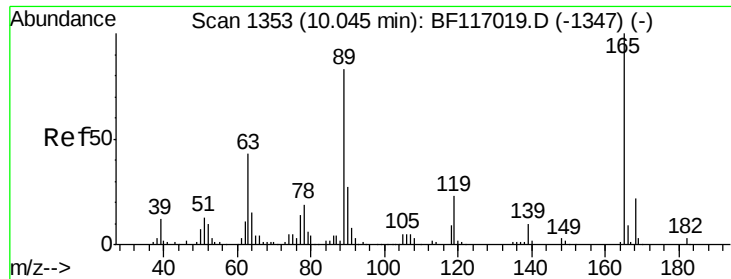
Jagrut
9/19/2019 10:42:08 AM



#56
4-Nitrophenol
Concen: 68.826 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
139	100		
109	78.9	56.4	96.4
65	99.6	82.5	122.5





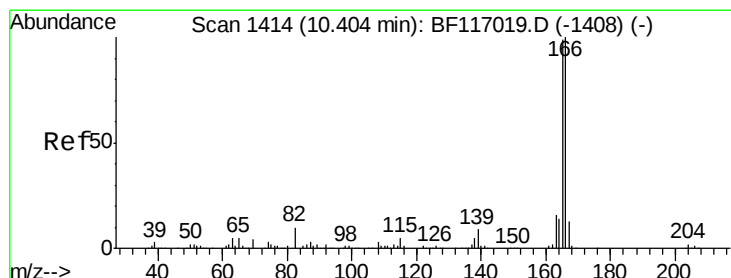
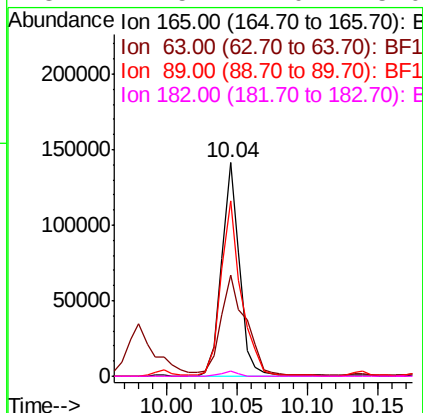
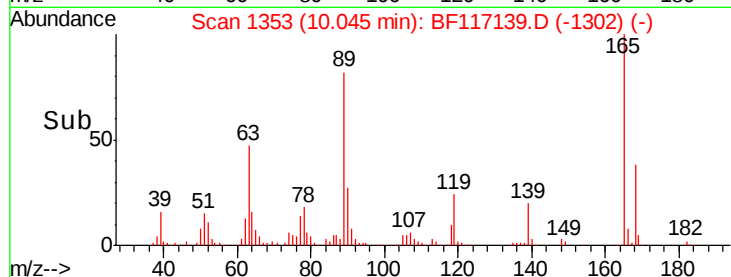
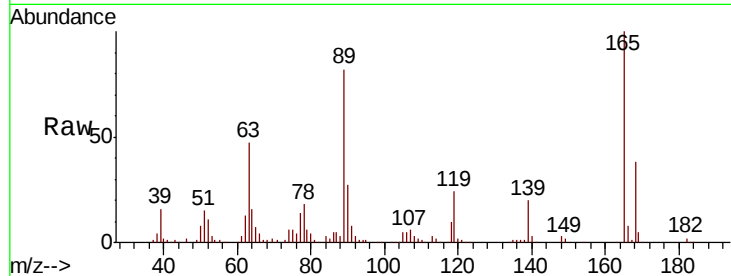
#57
2,4-Dinitrotoluene
Concen: 43.298 ng
RT: 10.04 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		125419		
63	47.3		35.0	52.4	
89	82.1		66.1	99.1	
182	2.5		2.0	3.0	

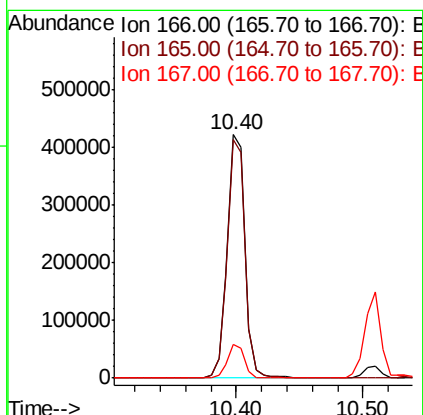
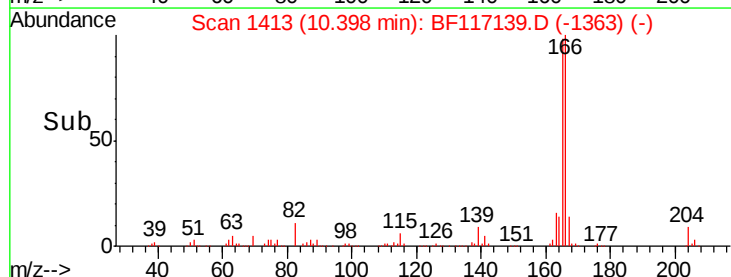
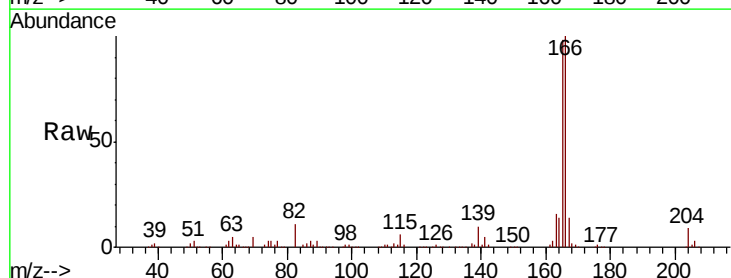
Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#58
Fluorene
Concen: 40.579 ng
RT: 10.40 min Scan# 1413
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		410280		
165	98.2		78.9	118.3	
167	14.0		10.6	15.8	





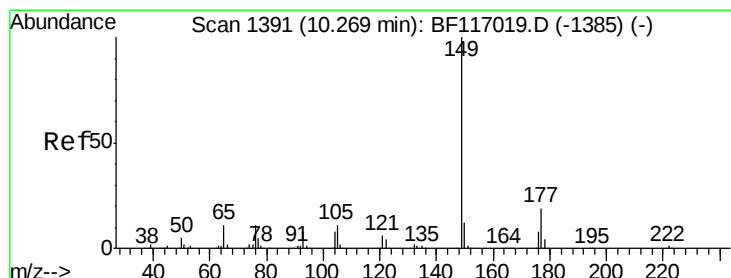
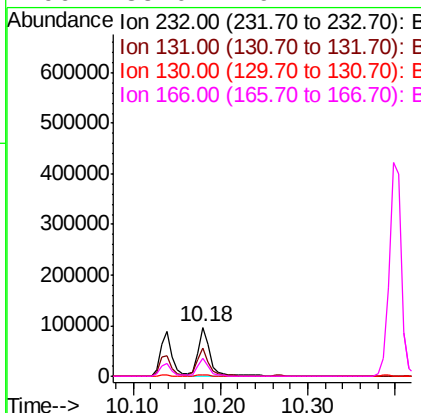
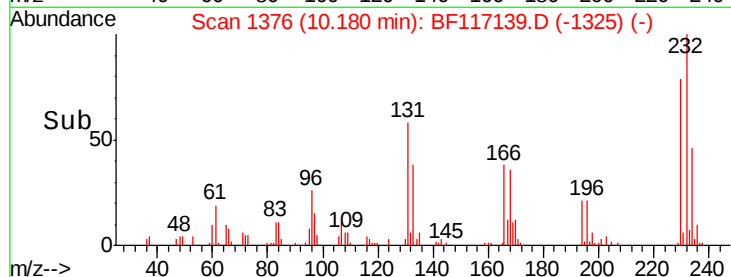
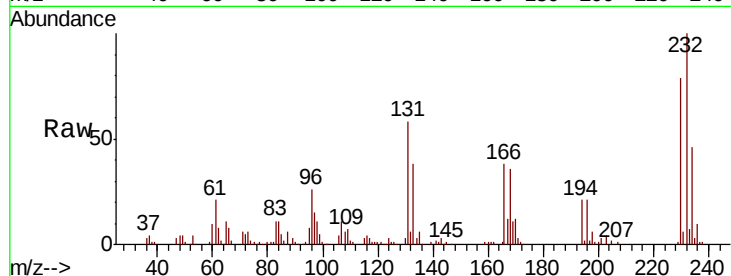
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.806 ng
RT: 10.18 min Scan# 1376
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		92689		
131	54.1	45.3	67.9		
130	2.3	1.8	2.8		
166	35.0	29.4	44.2		

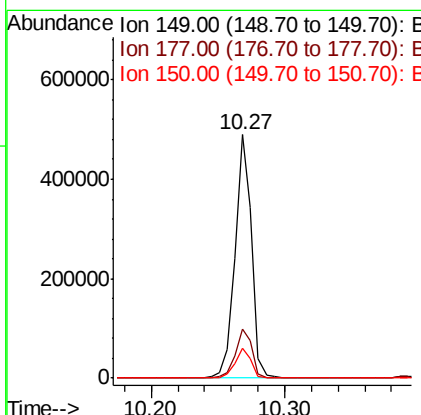
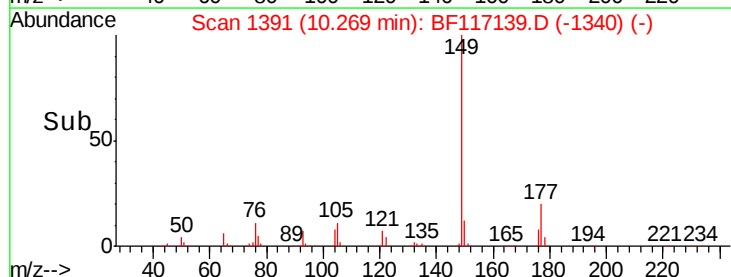
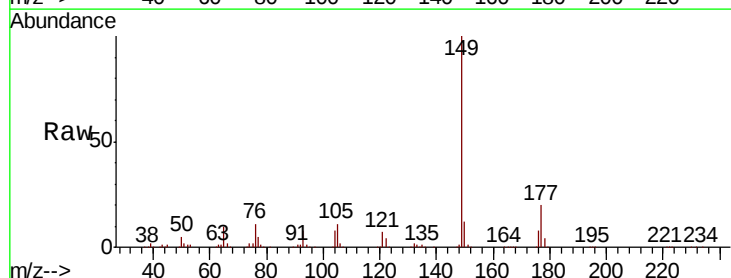
Manual Integrations
APPROVED

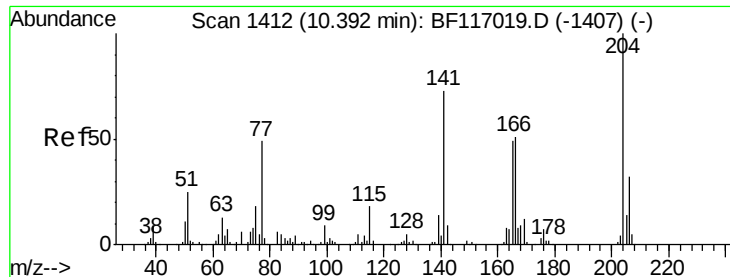
Jagrut
9/19/2019 10:42:08 AM



#60
Diethylphthalate
Concen: 39.387 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		424570		
177	20.4	15.2	22.8		
150	12.1	9.9	14.9		





#61

4-Chlorophenyl-phenylether

Concen: 40.391 ng

RT: 10.39 min Scan# 1411

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

PB123161BS

Tot Ion:204 Resp: 176689

Ion Ratio Lower Upper

204 100

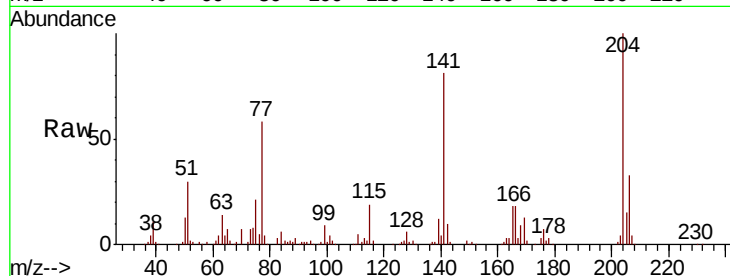
206 32.9 26.0 39.0

141 80.8 58.2 87.2

Manual Integrations
APPROVED

Jagrut

9/19/2019 10:42:08 AM

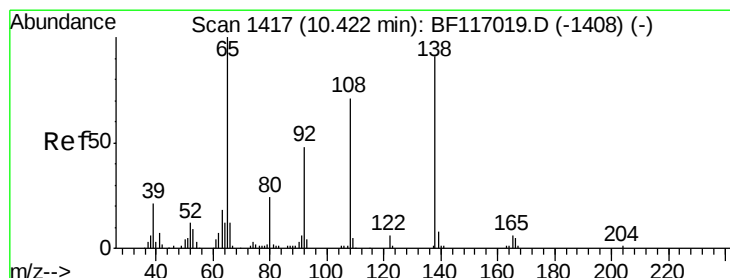
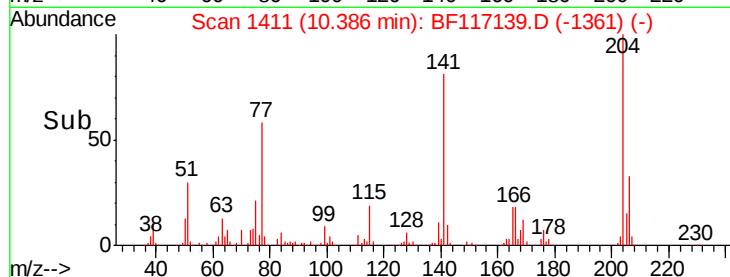
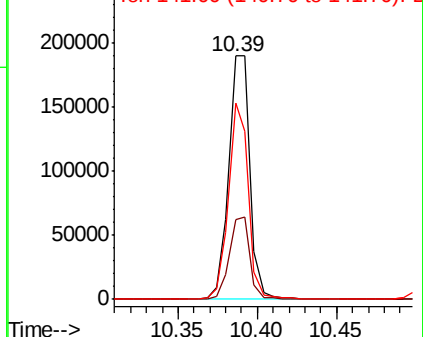


Abundance

Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62

4-Nitroaniline

Concen: 36.366 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

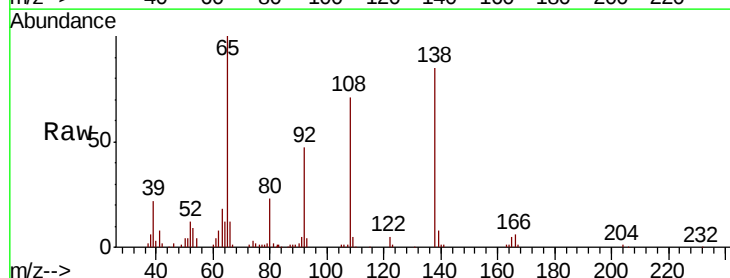
Tgt Ion:138 Resp: 106479

Ion Ratio Lower Upper

138 100

92 55.5 32.9 72.9

108 83.7 58.3 98.3

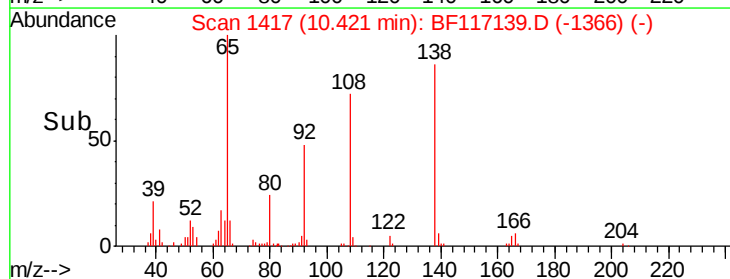
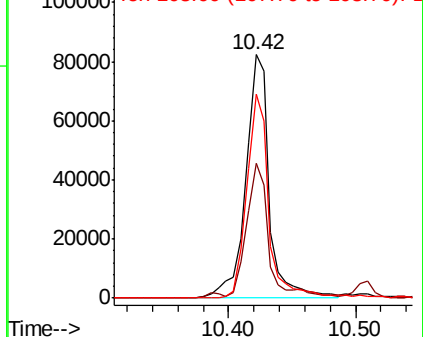


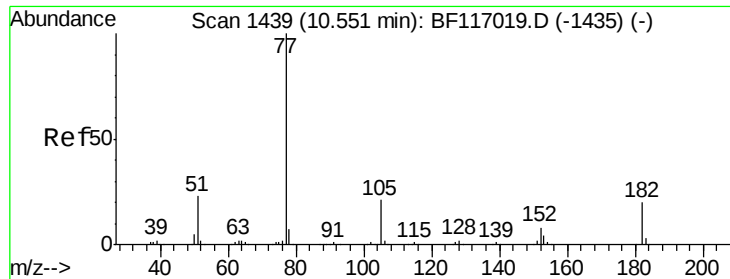
Abundance

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





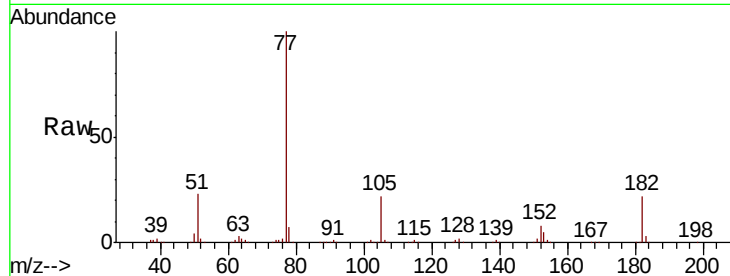
#63
Azobenzene
Concen: 40.160 ng
RT: 10.55 min Scan# 1439
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	21.6	0.4	40.4		
105	22.2	0.9	40.9		
51	23.2	2.8	42.8		

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



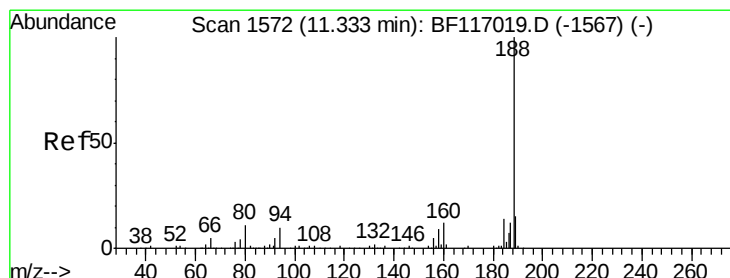
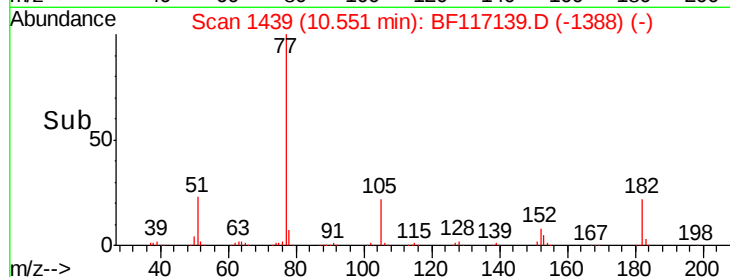
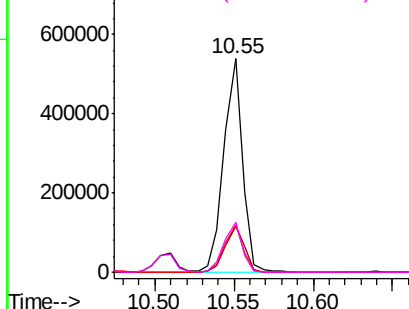
Abundance

Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

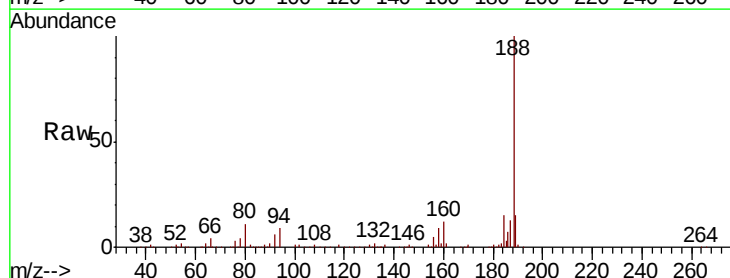
Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.5	8.2	12.2		
80	10.6	9.0	13.6		

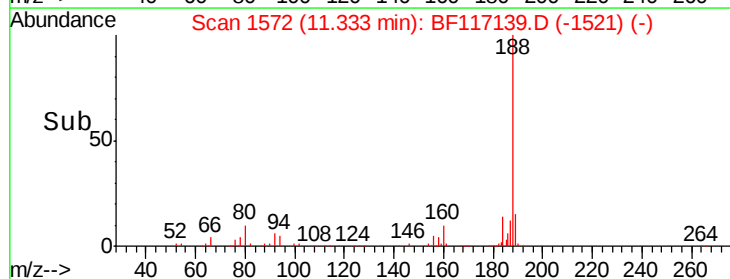
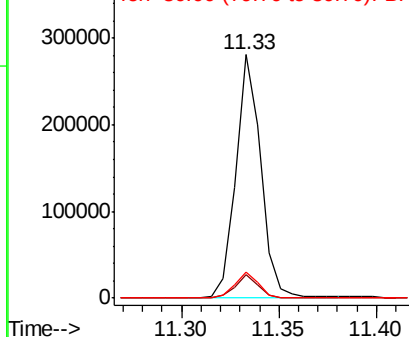


Abundance

Ion 188.00 (187.70 to 188.70): BF1

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: 44.319 ng

RT: 10.46 min Scan# 1423

Delta R.T. 0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

ClientSampleId :

PB123161BS

Tot Ion:198 Resp: 49695

Ion Ratio Lower Upper

198 100

51 41.9 18.7 58.7

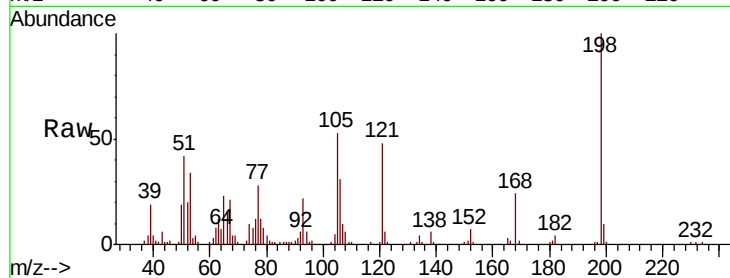
105 53.2 30.2 70.2

Manual Integrations

APPROVED

Jagrut

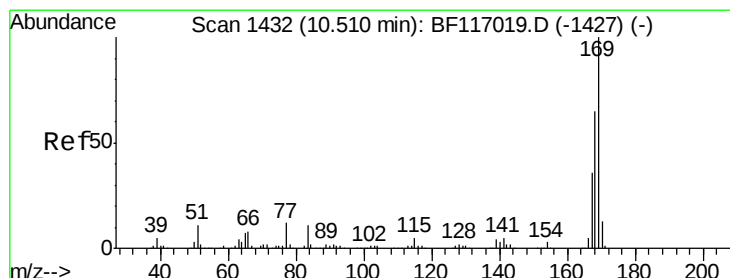
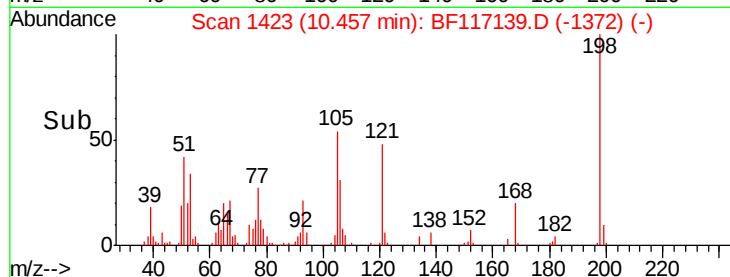
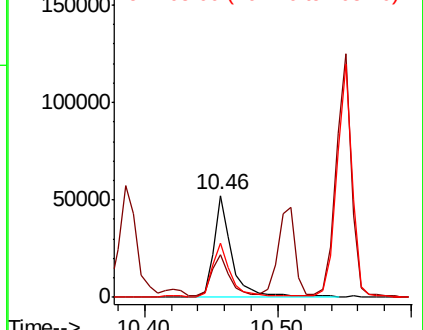
9/19/2019 10:42:08 AM



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.035 ng

RT: 10.51 min Scan# 1432

Delta R.T. -0.00 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

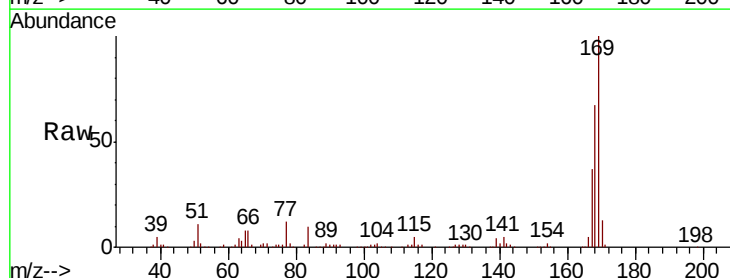
Tgt Ion:169 Resp: 353688

Ion Ratio Lower Upper

169 100

168 67.2 52.2 78.2

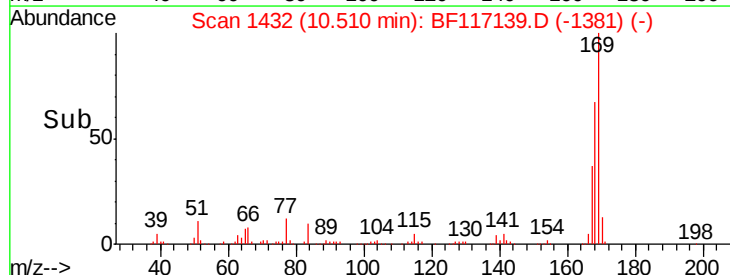
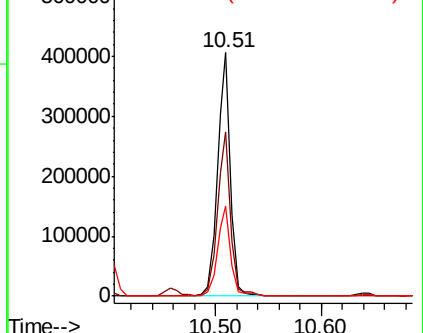
167 36.8 28.8 43.2



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





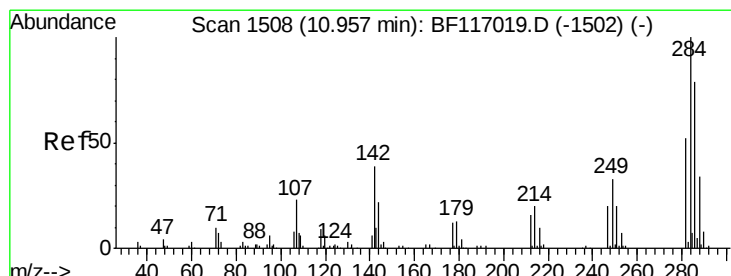
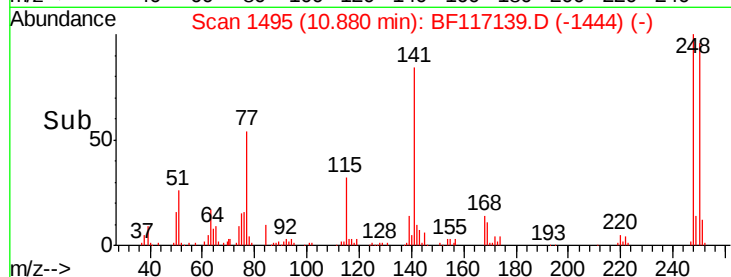
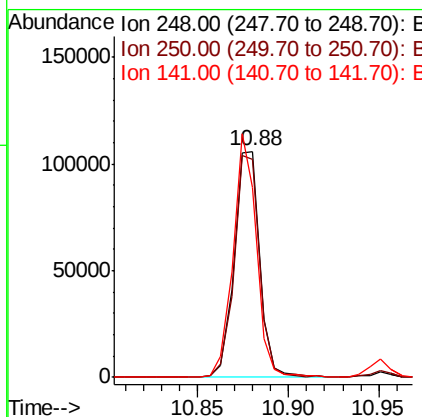
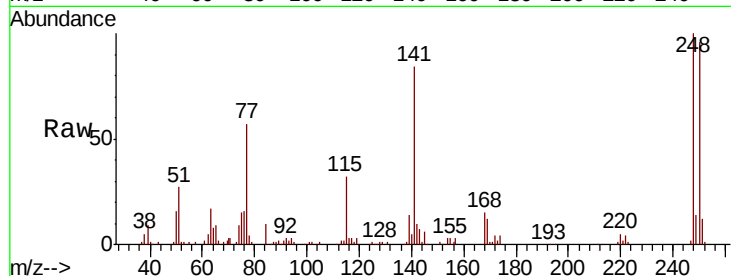
#67
 4-Bromophenyl-phenylether
 Concen: 40.750 ng
 RT: 10.88 min Scan# 1495
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Instrument :
 BNA_F
 ClientSampleId :
 PB123161BS

Tot Ion:	248	Resp:	103861
Ion Ratio	Lower	Upper	
248	100		
250	96.3	76.2	114.4
141	84.0	75.0	112.4

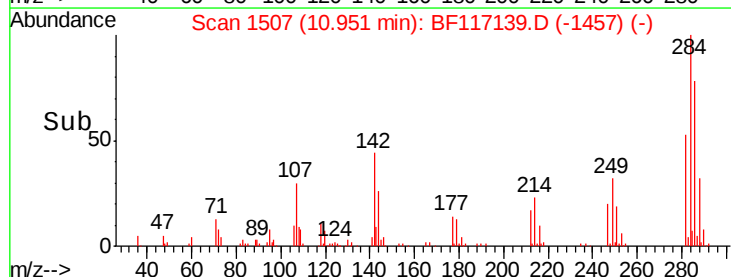
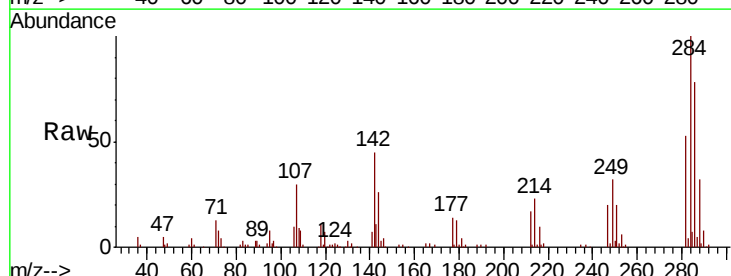
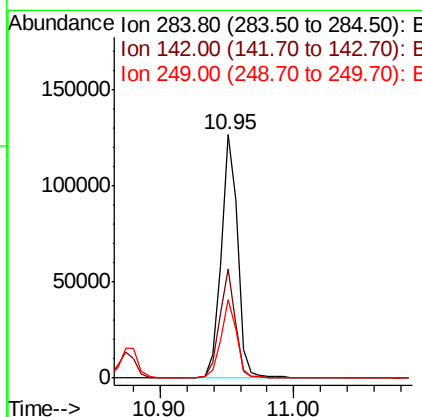
Manual Integrations
 APPROVED

Jagrut
 9/19/2019 10:42:08 AM



#68
 Hexachlorobenzene
 Concen: 39.697 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion:	284	Resp:	110665
Ion Ratio	Lower	Upper	
284	100		
142	44.6	31.4	47.2
249	32.3	26.5	39.7





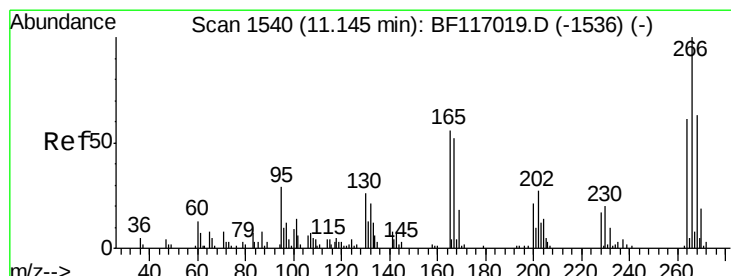
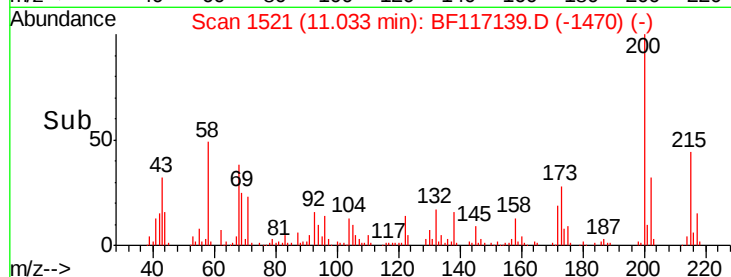
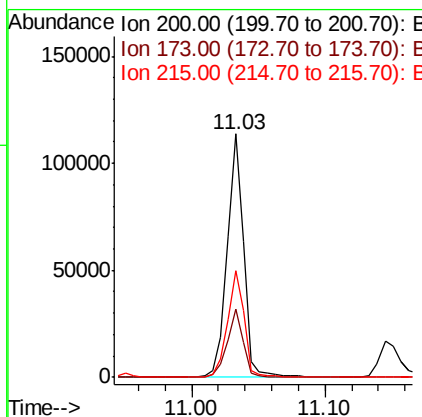
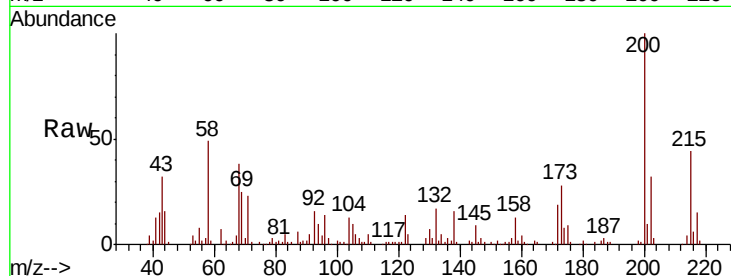
#69
Atrazine
Concen: 47.057 ng
RT: 11.03 min Scan# 1521
Delta R.T. 0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	27.9	6.9	46.9
215	43.9	23.8	63.8

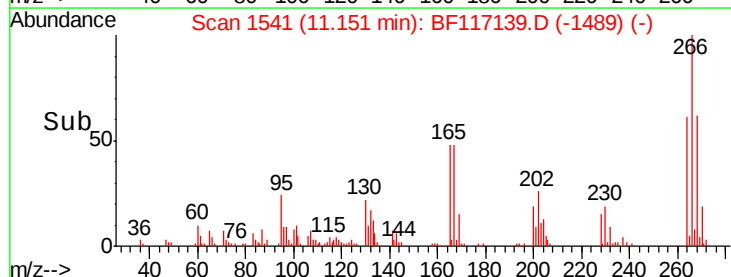
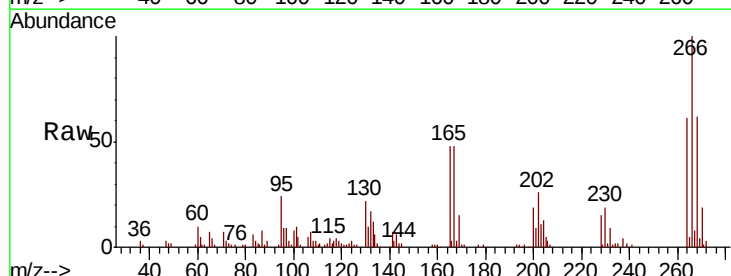
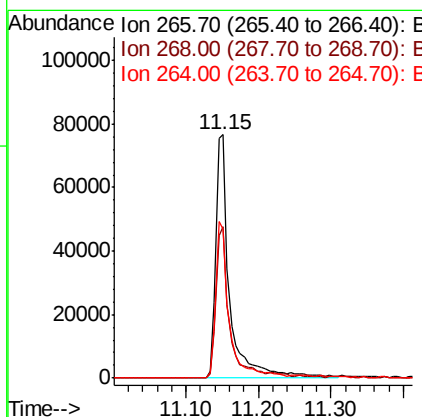
Manual Integrations
APPROVED

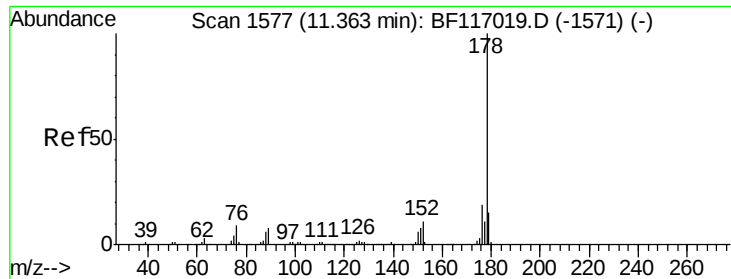
Jagrut
9/19/2019 10:42:08 AM



#70
Pentachlorophenol
Concen: 79.221 ng
RT: 11.15 min Scan# 1541
Delta R.T. 0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	62.1	50.5	75.7
264	61.2	48.8	73.2





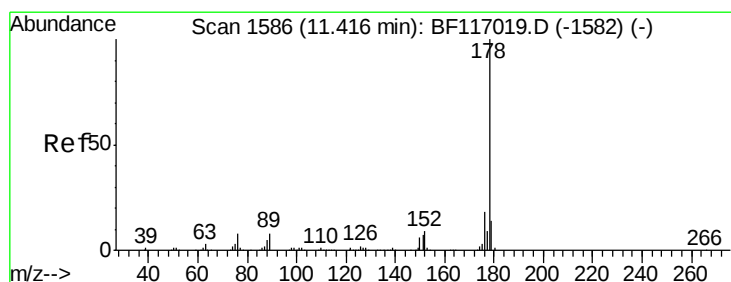
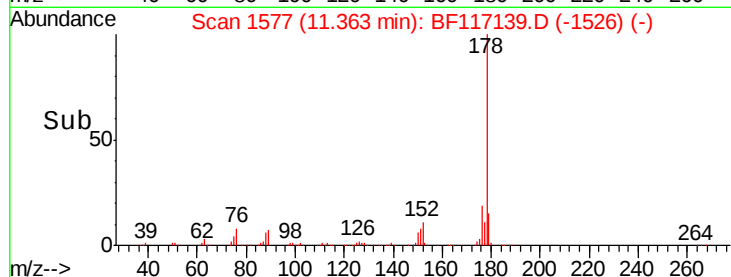
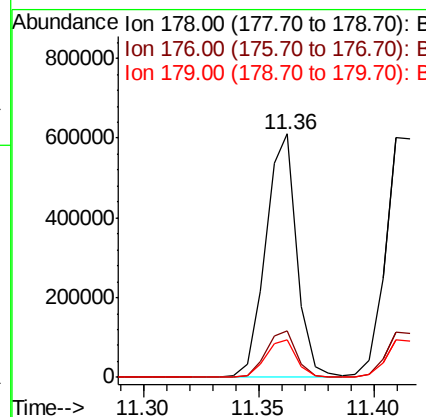
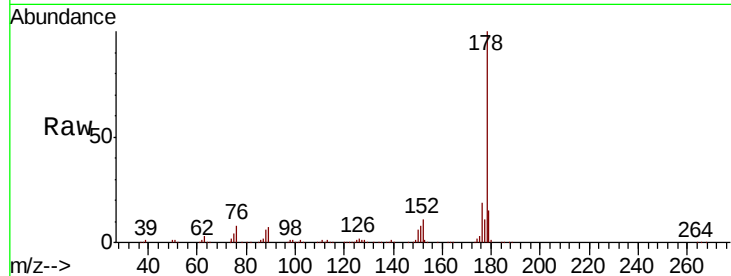
#71
Phenanthrene
Concen: 40.341 ng
RT: 11.36 min Scan# 1577
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		571863		
176	19.3	15.4	23.2		
179	15.4	12.4	18.6		

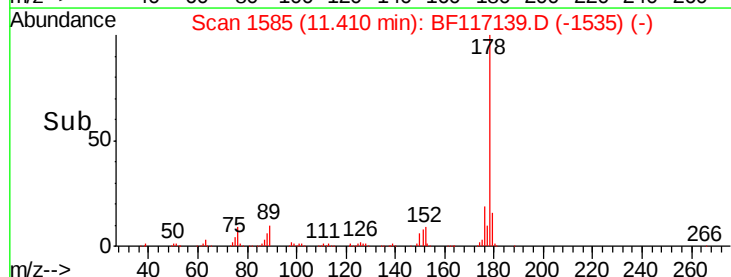
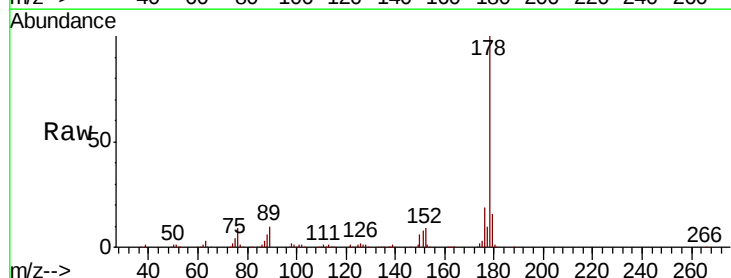
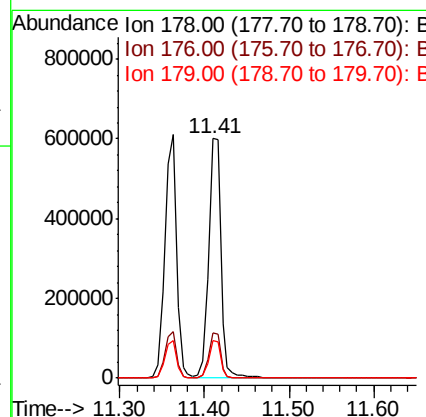
Manual Integrations
APPROVED

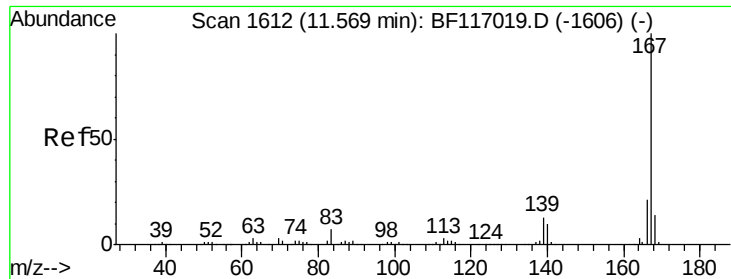
Jagrut
9/19/2019 10:42:08 AM



#72
Anthracene
Concen: 41.841 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		605529		
176	19.0	14.6	21.8		
179	15.5	11.6	17.4		





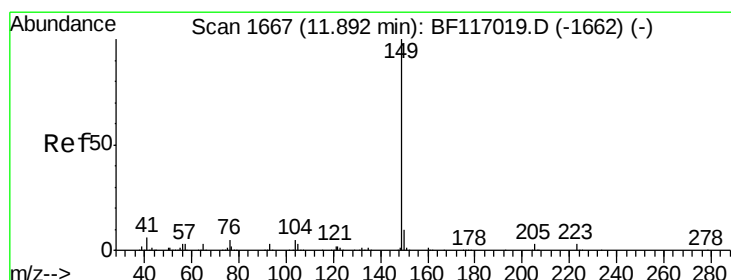
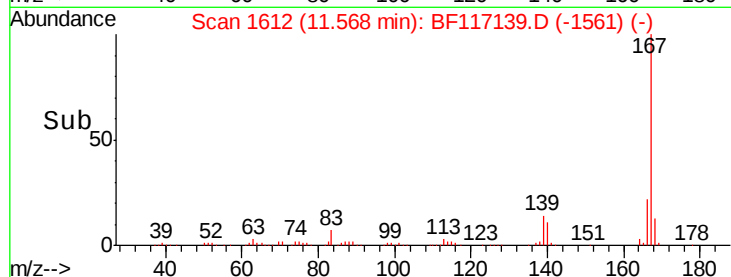
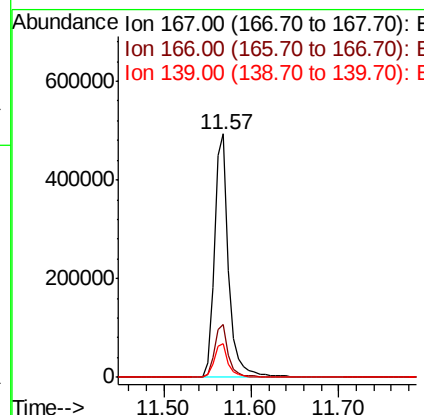
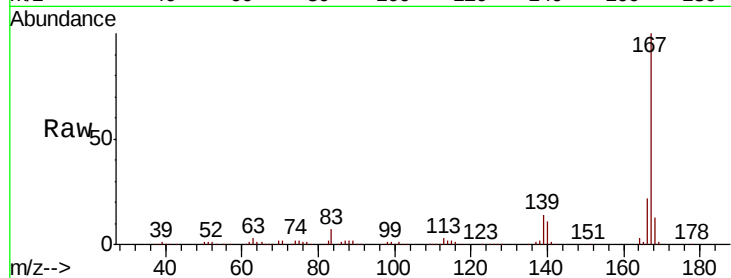
#73
 Carbazole
 Concen: 40.484 ng
 RT: 11.57 min Scan# 1612
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Instrument :
 BNA_F
 ClientSampleId :
 PB123161BS

Tot Ion	Ratio	Resp	Lower	Upper
167	100	556134		
166	21.6		17.2	25.8
139	13.6		10.6	16.0

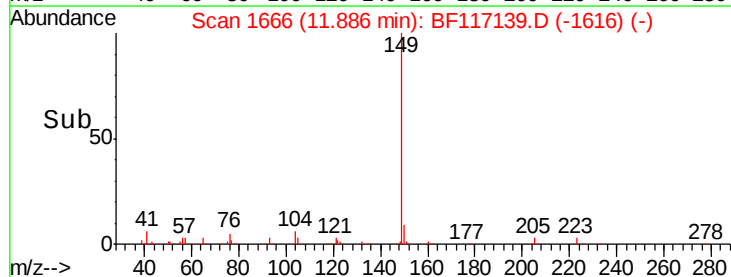
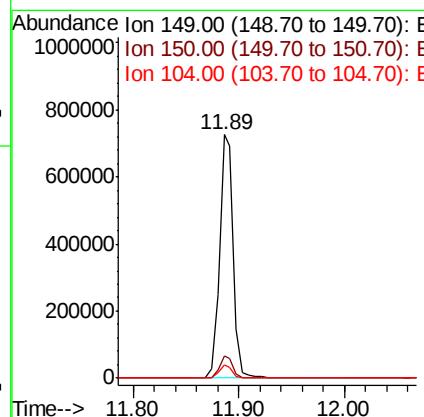
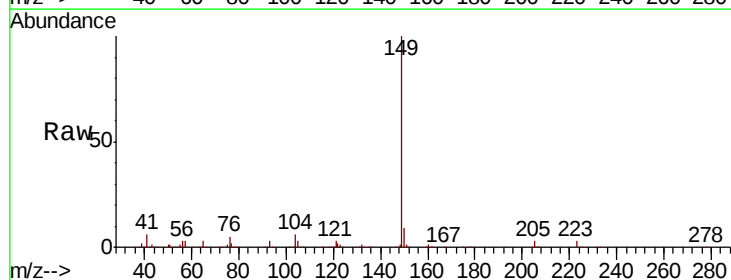
Manual Integrations
 APPROVED

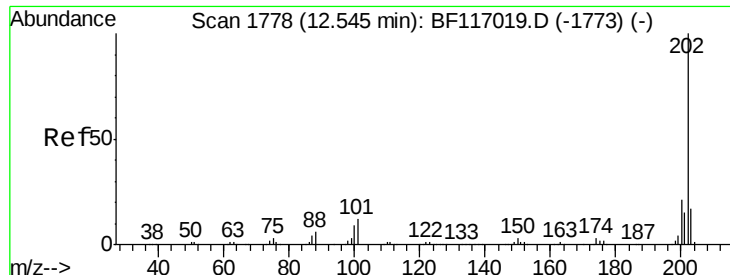
Jagrut
 9/19/2019 10:42:08 AM



#74
 Di-n-butylphthalate
 Concen: 40.830 ng
 RT: 11.89 min Scan# 1666
 Delta R.T. -0.01 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	667338		
150	9.3		7.7	11.5
104	5.7		4.2	6.4





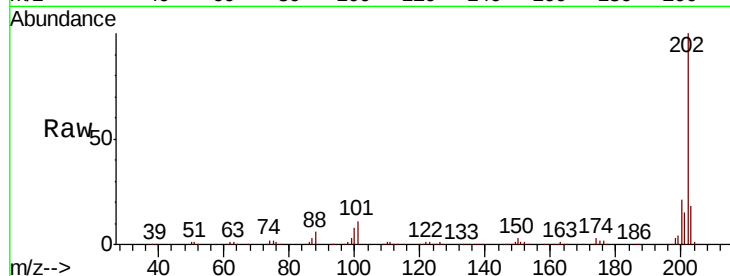
#75
 Fluoranthene
 Concen: 39.671 ng
 RT: 12.54 min Scan# 1778
 Delta R.T. -0.00 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Instrument :
 BNA_F
 ClientSampleId :
 PB123161BS

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.0	0.0	32.3
203	17.8	0.0	37.1

Manual Integrations
 APPROVED

Jagrut
 9/19/2019 10:42:08 AM

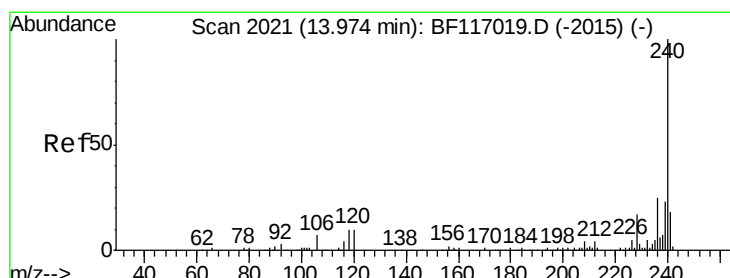
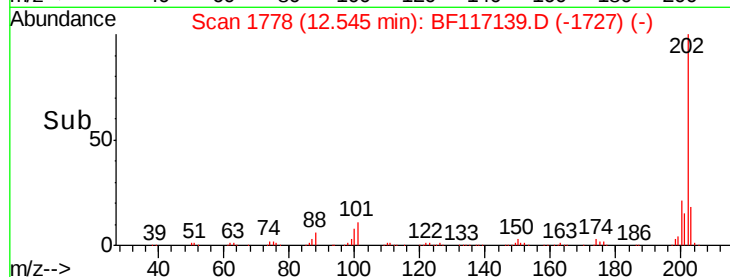
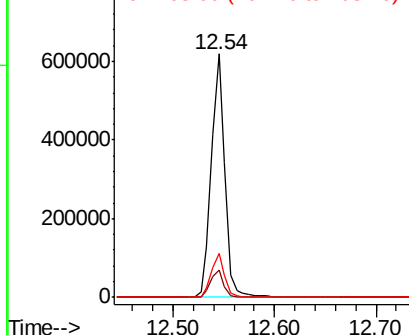


Abundance

Ion 202.00 (201.70 to 202.70): E

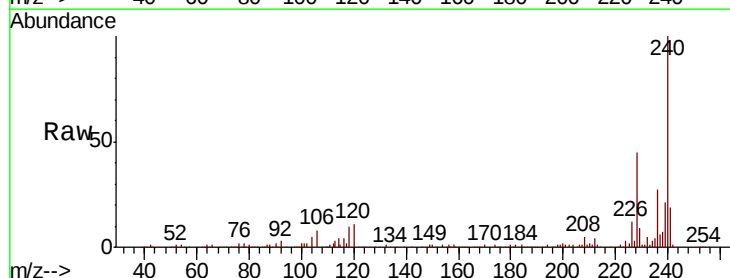
Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.97 min Scan# 2020
 Delta R.T. -0.01 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.3	8.3	12.5
236	26.6	20.3	30.5

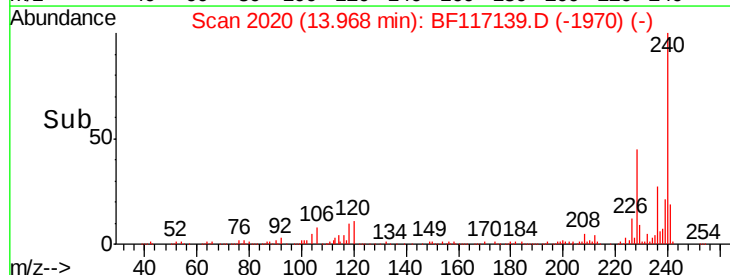
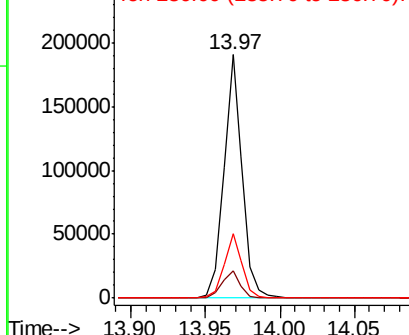


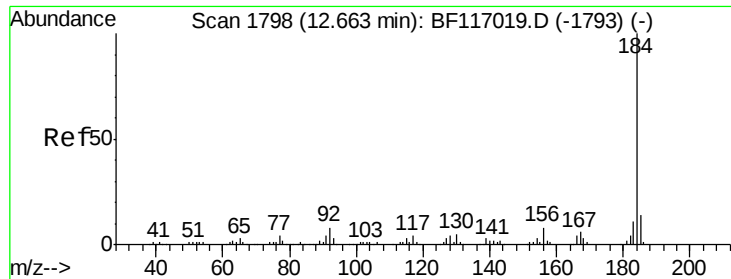
Abundance

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





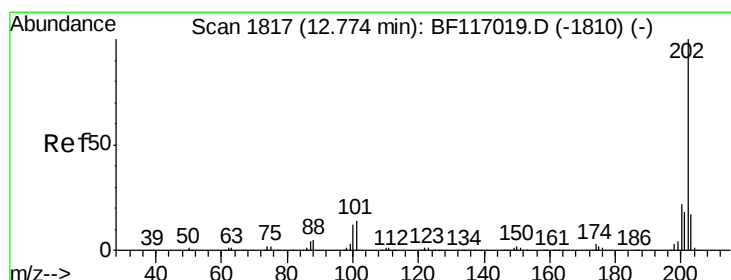
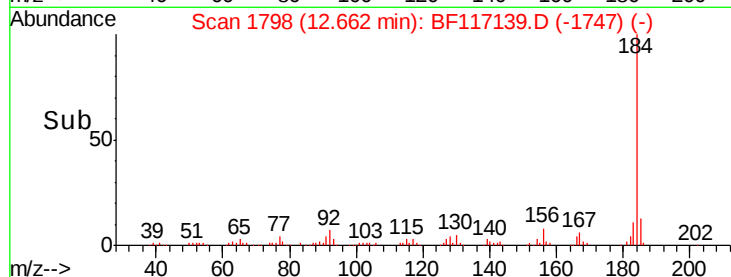
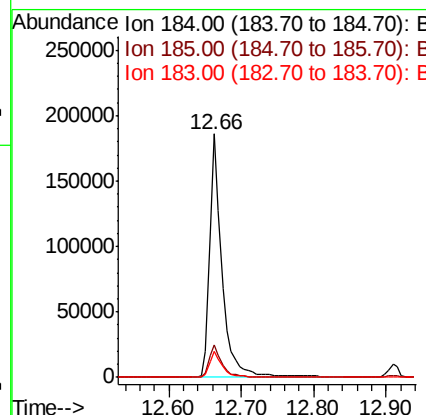
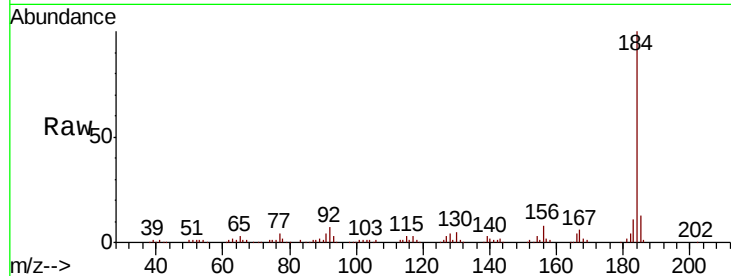
#77
Benzidine
Concen: 42.384 ng
RT: 12.66 min Scan# 1798
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	13.2	11.6	17.4
183	10.8	9.0	13.4

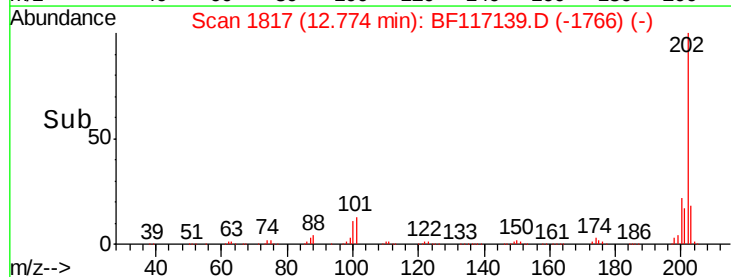
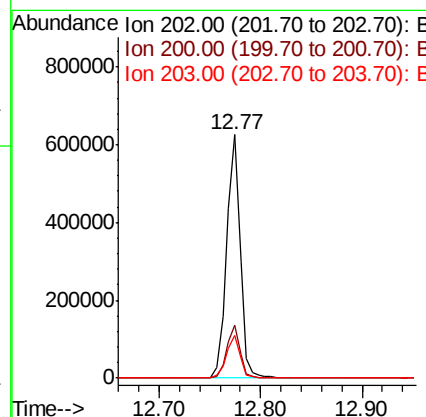
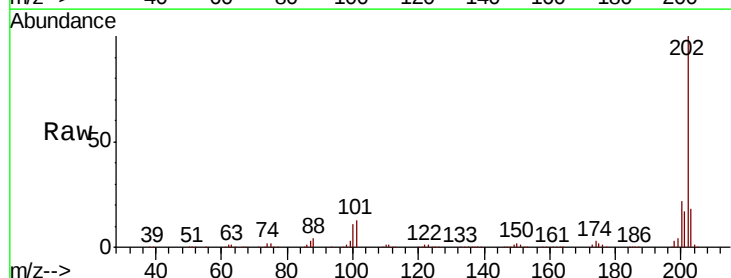
Manual Integrations
APPROVED

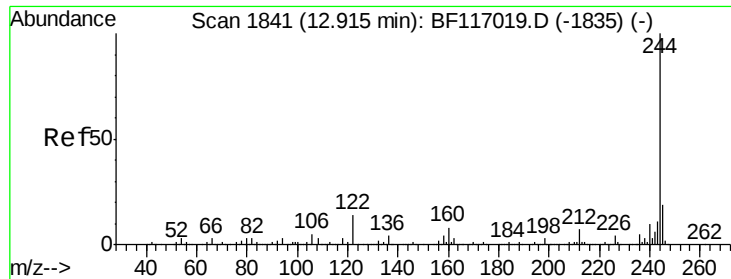
Jagrut
9/19/2019 10:42:08 AM



#78
Pyrene
Concen: 42.361 ng
RT: 12.77 min Scan# 1817
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.6	17.2	25.8
203	17.6	14.0	21.0





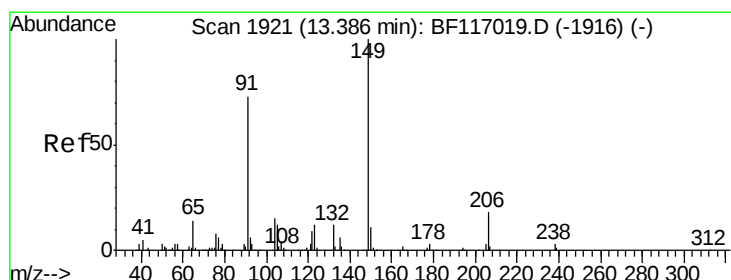
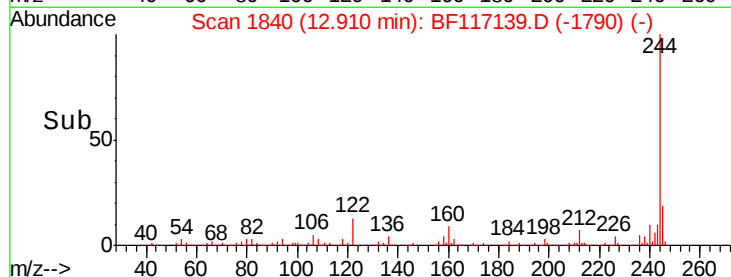
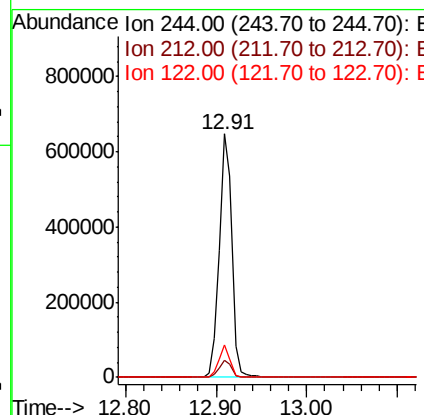
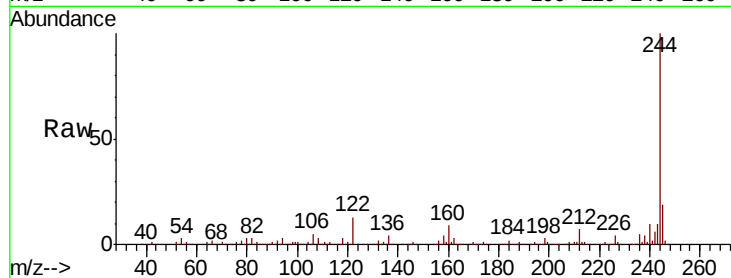
#79
 Terphenyl-d14
 Concen: 70.998 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. -0.01 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Instrument :
 BNA_F
 ClientSampleId :
 PB123161BS

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	7.2	5.8	8.8	
122	13.4	11.3	16.9	

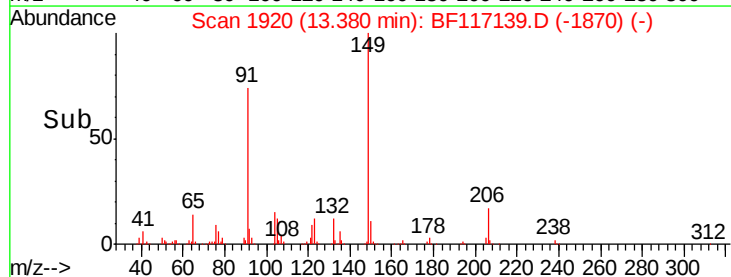
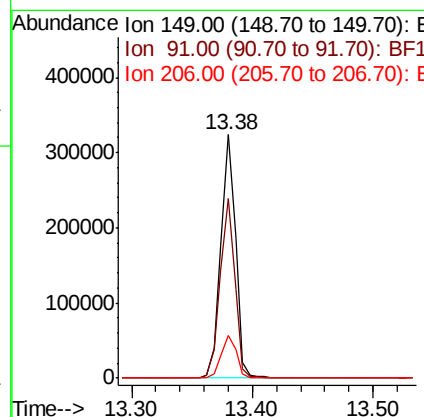
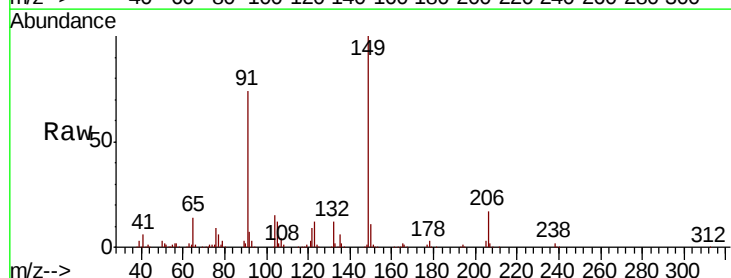
Manual Integrations
 APPROVED

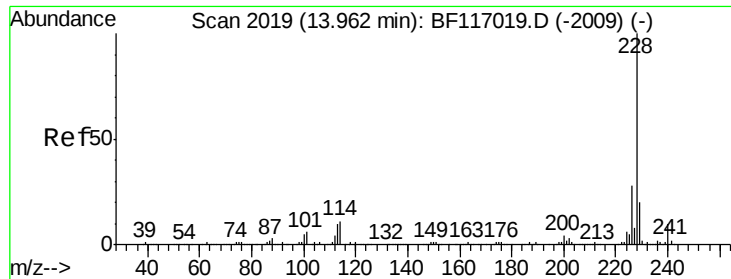
Jagrut
 9/19/2019 10:42:08 AM



#80
 Butylbenzylphthalate
 Concen: 41.590 ng
 RT: 13.38 min Scan# 1920
 Delta R.T. -0.01 min
 Lab File: BF117139.D
 Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
91	73.6	58.8	88.2	
206	17.5	14.1	21.1	





#81

Benzo(a)anthracene

Concen: 39.495 ng

RT: 13.96 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

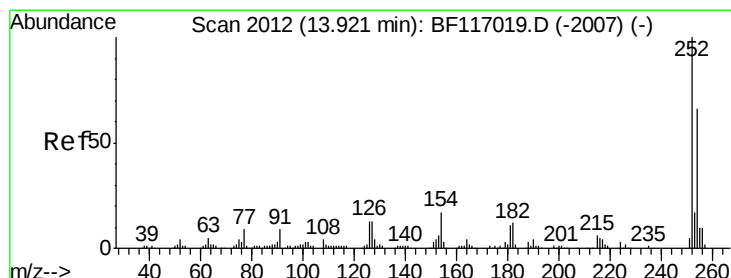
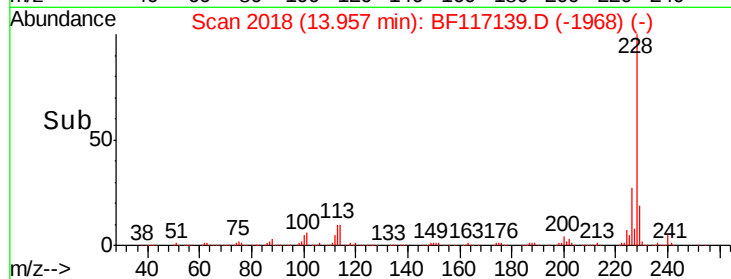
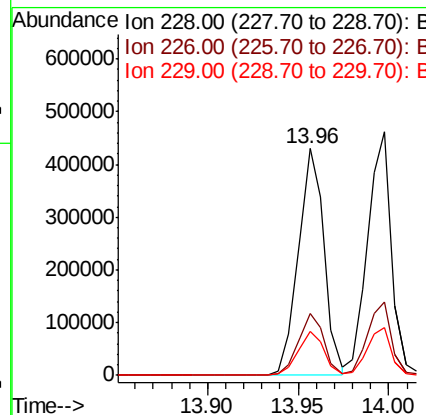
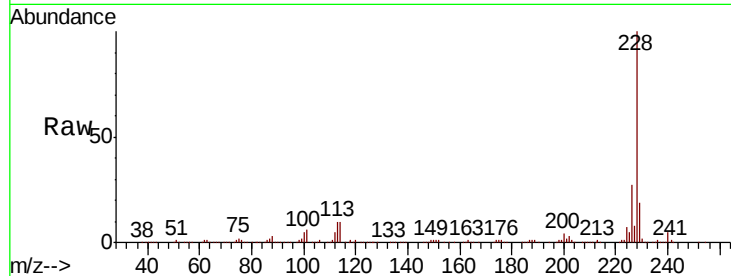
ClientSampleId :

PB123161BS

Tot Ion:	228	Resp:	431570
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.3	33.5
229	19.1	15.9	23.9

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#82

3,3'-Dichlorobenzidine

Concen: 30.289 ng

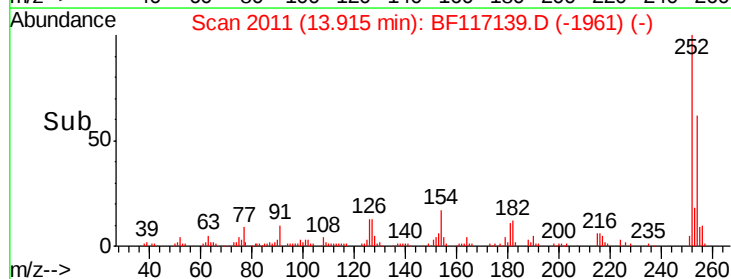
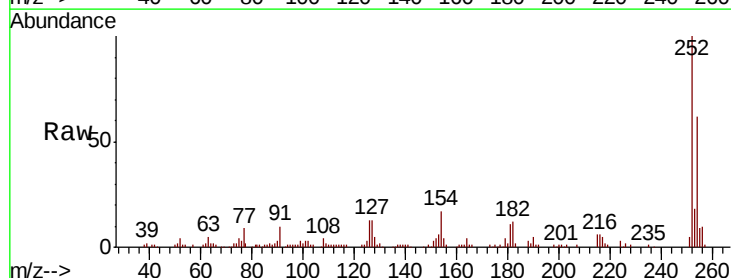
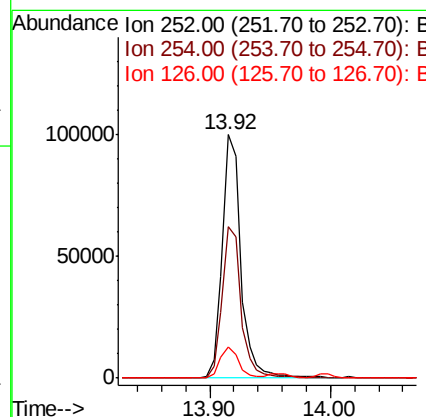
RT: 13.92 min Scan# 2011

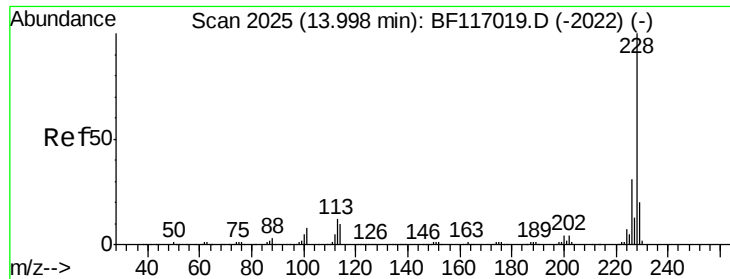
Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Tgt Ion:	252	Resp:	106656
Ion Ratio	Lower	Upper	
252	100		
254	62.4	52.6	79.0
126	13.0	10.4	15.6





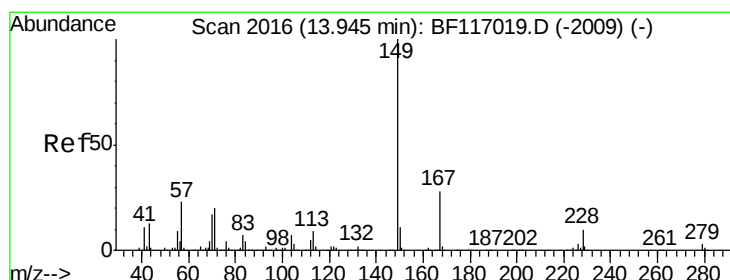
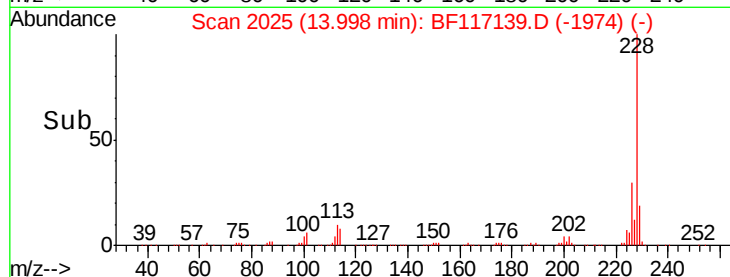
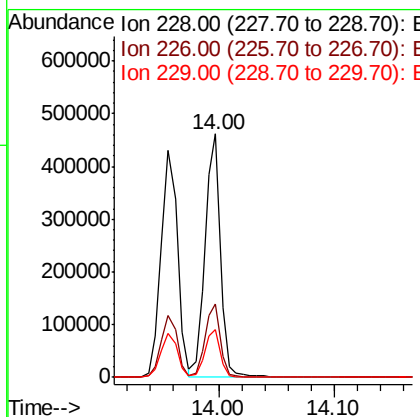
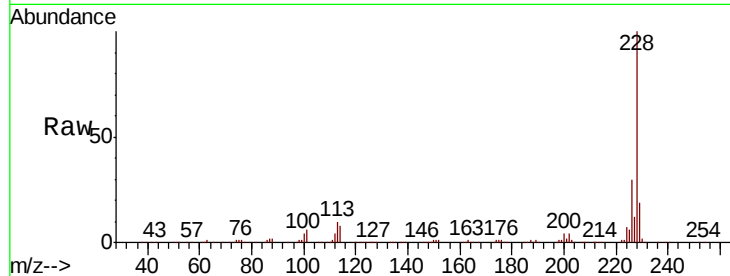
#83
Chrysene
Concen: 40.220 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.8	37.2
229	19.4	15.8	23.8

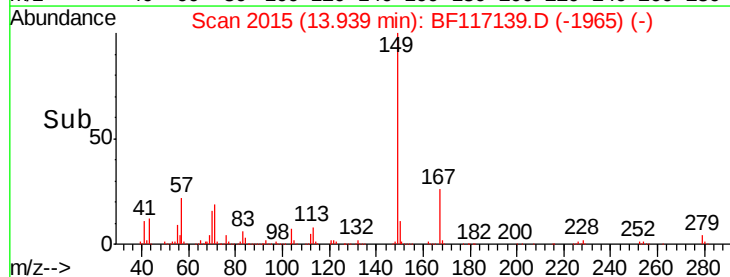
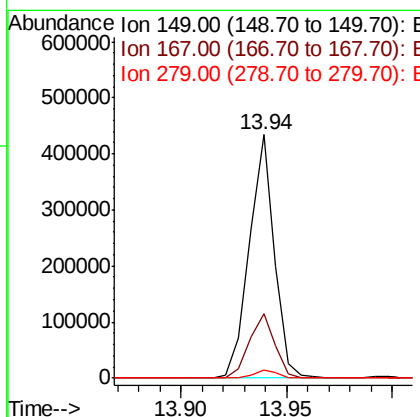
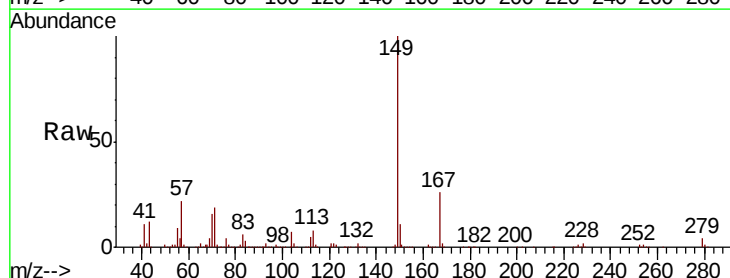
Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.873 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.5	22.2	33.2
279	3.5	2.8	4.2





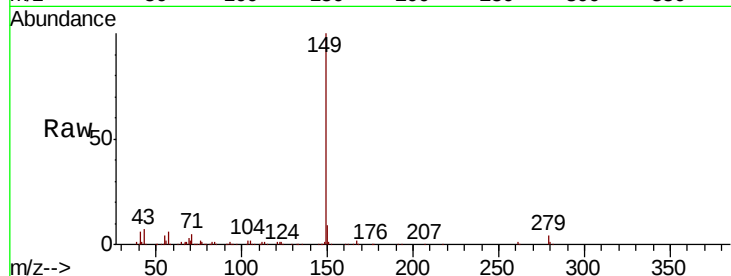
#85
Di-n-octyl phthalate
Concen: 42.316 ng
RT: 14.55 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

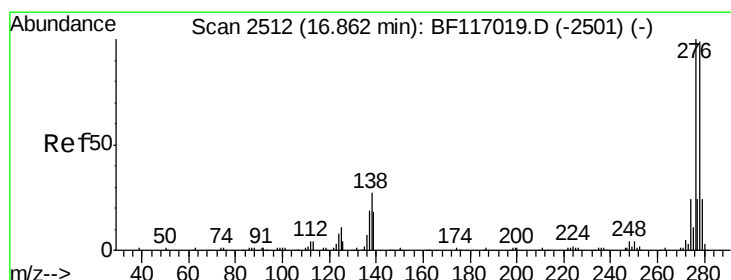
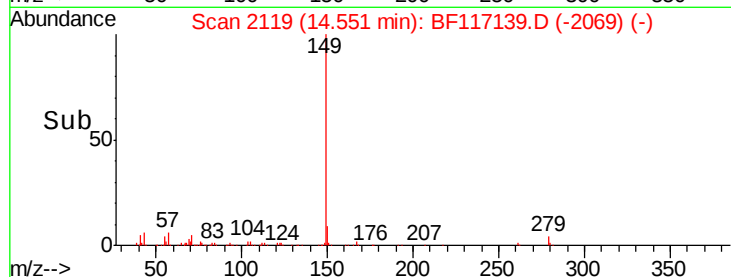
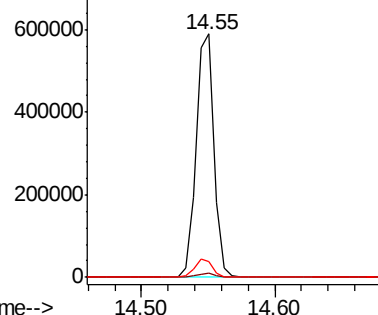
Tot Ion	Ratio	Resp Lower	Upper
149	100		
167	1.5	1.2	1.8
43	7.3	6.2	9.4

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM

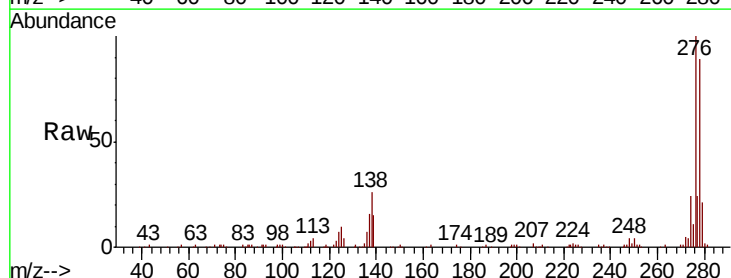


Abundance Ion 149.00 (148.70 to 149.70): E
800000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

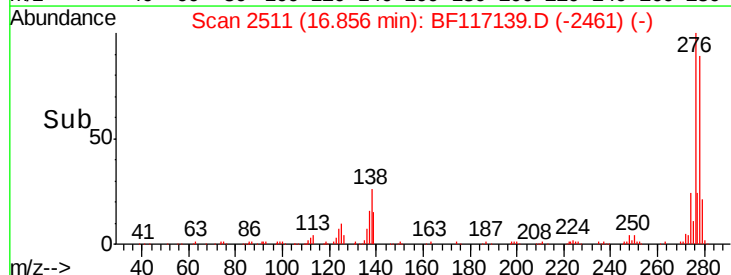
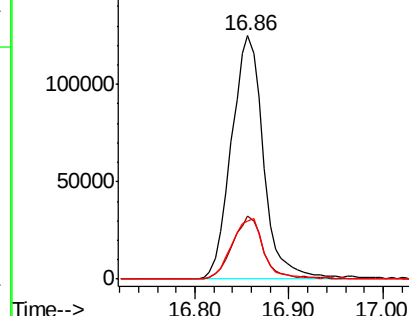


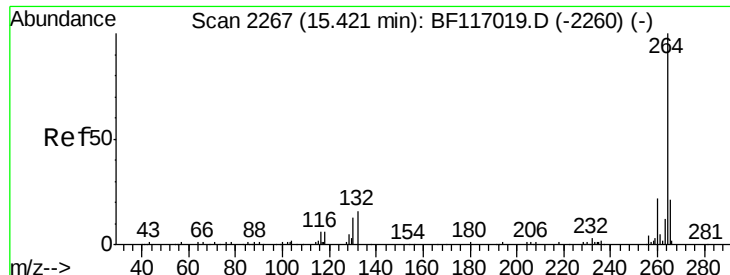
#86
Indeno(1,2,3-cd)pyrene
Concen: 38.270 ng
RT: 16.86 min Scan# 2511
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp Lower	Upper
276	100		
138	25.0	20.7	31.1
277	25.0	19.8	29.8



Abundance Ion 276.00 (275.70 to 276.70): E
150000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





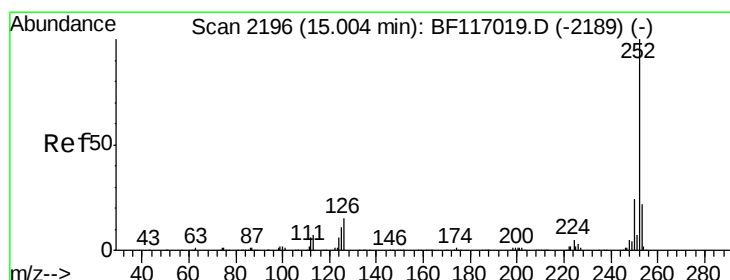
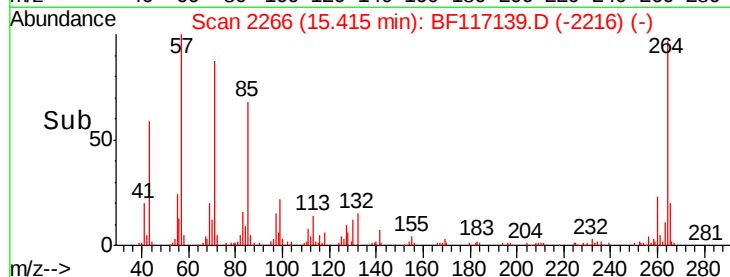
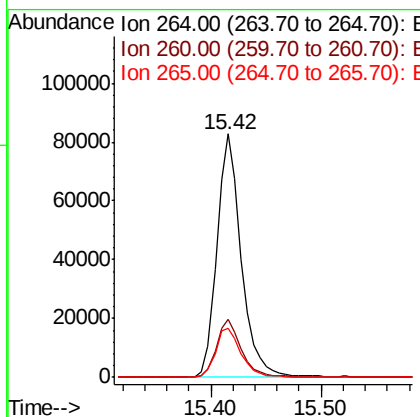
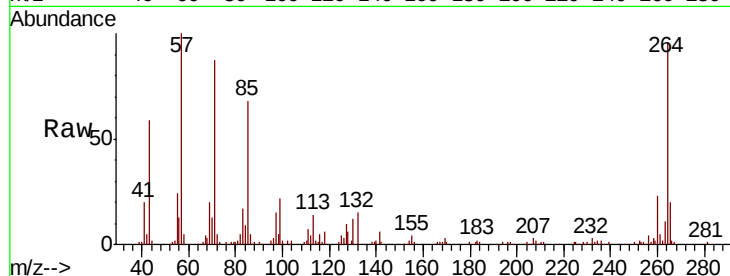
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	17.6	26.4
265	20.4	16.6	24.8

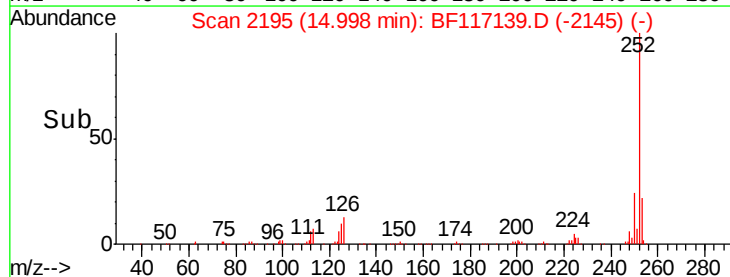
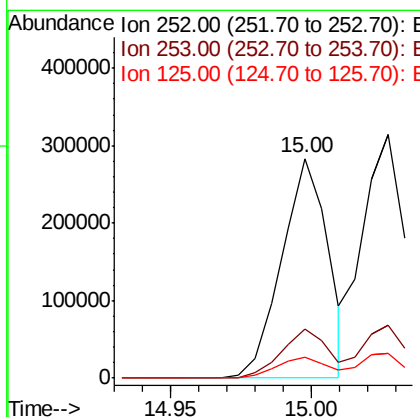
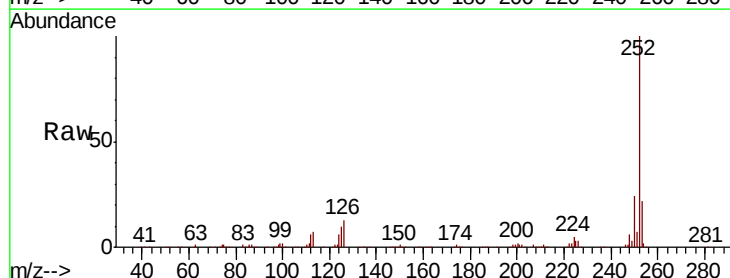
Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#88
Benzo(b)fluoranthene
Concen: 42.123 ng
RT: 15.00 min Scan# 2195
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.6	26.4
125	9.6	8.6	12.8





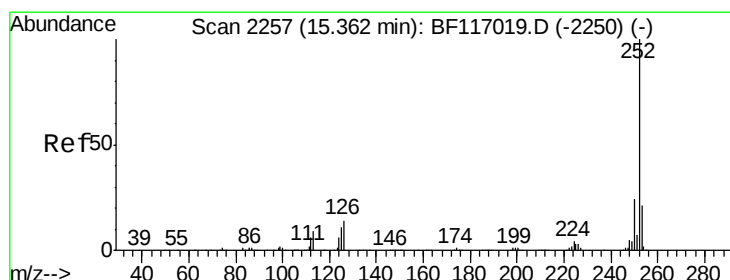
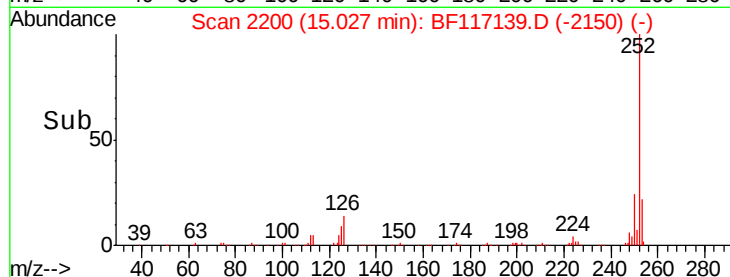
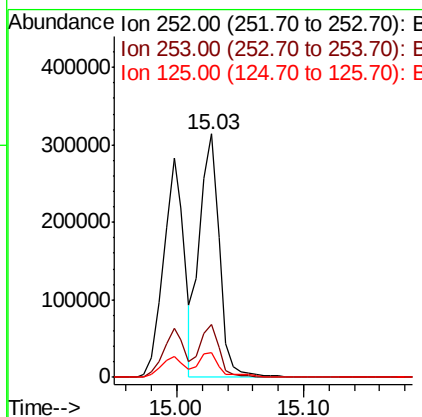
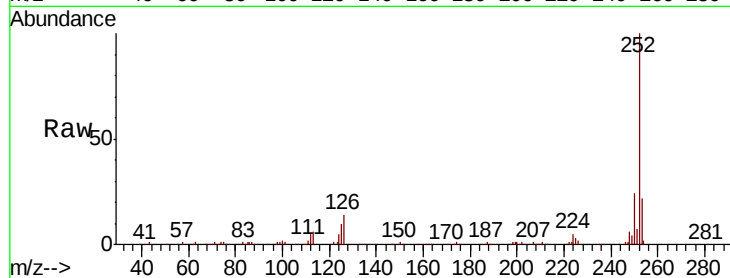
#89
Benzo(k)fluoranthene
Concen: 46.491 ng
RT: 15.03 min Scan# 2200
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Instrument :
BNA_F
ClientSampleId :
PB123161BS

Tot Ion	Ratio	Resp	Lower	Upper
252	100	337682		
253	21.8		17.4	26.2
125	9.9		8.8	13.2

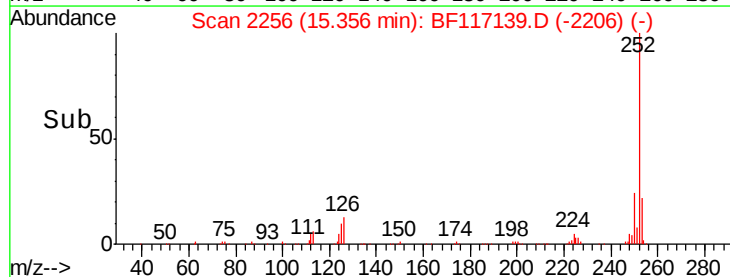
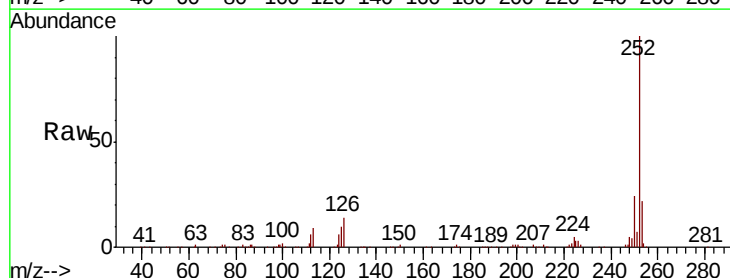
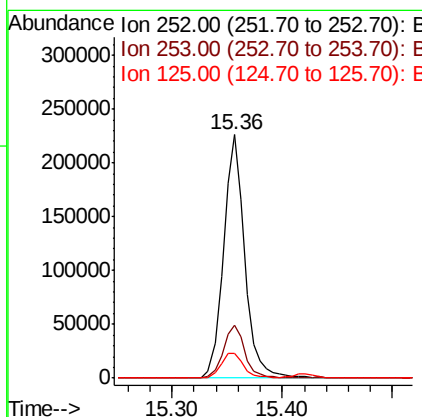
Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



#90
Benzo(a)pyrene
Concen: 45.292 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF117139.D
Acq: 18 Sep 2019 11:08

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	304748		
253	21.9		16.6	25.0
125	10.2		8.9	13.3





#91

Dibenzo(a,h)anthracene

Concen: 47.318 ng

RT: 16.86 min Scan# 2512

Delta R.T. -0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Instrument :

BNA_F

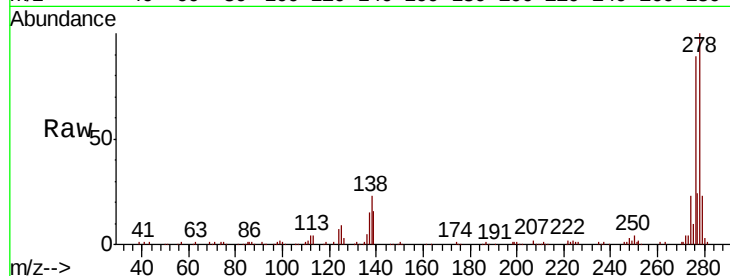
ClientSampleId :

PB123161BS

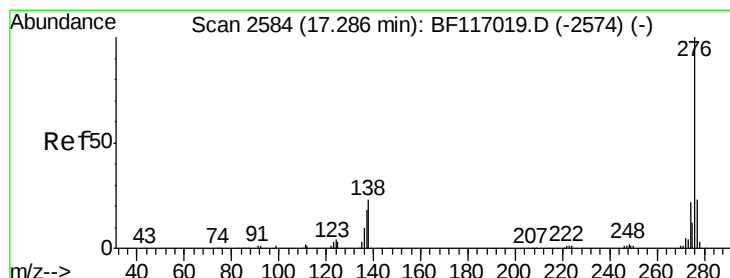
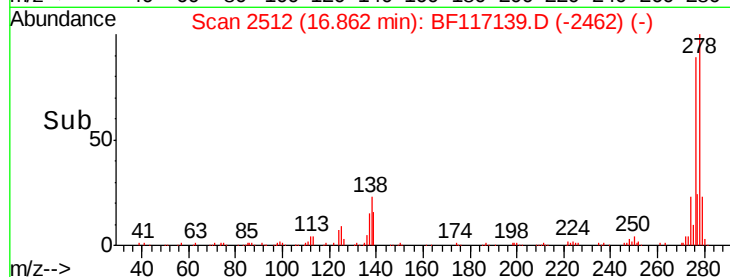
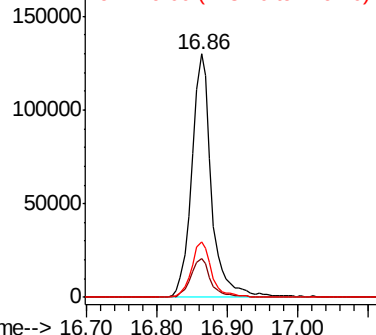
Tot Ion:	278	Resp:	253635
Ion Ratio	Lower	Upper	
278	100		
139	16.0	13.5	20.3
279	22.9	18.8	28.2

Manual Integrations
APPROVED

Jagrut
9/19/2019 10:42:08 AM



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



#92

Benzo(g,h,i)perylene

Concen: 46.429 ng

RT: 17.29 min Scan# 2585

Delta R.T. 0.01 min

Lab File: BF117139.D

Acq: 18 Sep 2019 11:08

Tgt Ion:	276	Resp:	247997
Ion Ratio	Lower	Upper	
276	100		
277	23.3	18.6	27.8
138	21.5	18.0	27.0

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

