

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117604.D
 Acq On : 29 Oct 2019 22:06
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

mohammad
 10/30/2019 4:53:20 PM

Quant Time: Oct 30 13:26:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	33802	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	126495	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	53699	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	83833	20.00	ng	0.00
76) Chrysene-d12	13.90	240	59614	20.00	ng	0.00
87) Perylene-d12	15.33	264	45800	20.00	ng	0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	202218	89.00	ng	0.00
7) Phenol-d6	6.39	99	255667	83.78	ng	0.00
23) Nitrobenzene-d5	7.30	82	226147	88.26	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	35796	77.04	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	345799	90.73	ng	0.00
79) Terphenyl-d14	12.83	244	306180	83.77	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.37	88	41591	43.538	ng	97
3) Pyridine	3.09	79	94926	40.593	ng	95
4) n-Nitrosodimethylamine	3.05	42	35352	41.670	ng	99
6) Aniline	6.40	93	151784	42.366	ng	# 80
8) 2-Chlorophenol	6.53	128	100242	41.810	ng	97
9) Benzaldehyde	6.29	77	71839	52.163	ng	97
10) Phenol	6.40	94	123560	39.671	ng	88
11) bis(2-Chloroethyl)ether	6.47	93	96053	41.693	ng	99
12) 1,3-Dichlorobenzene	6.67	146	114228	42.694	ng	99
13) 1,4-Dichlorobenzene	6.75	146	115590	42.588	ng	96
14) 1,2-Dichlorobenzene	6.90	146	106875	41.774	ng	98
15) Benzyl Alcohol	6.89	79	82049	37.633	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	103137	41.500	ng	65
17) 2-Methylphenol	7.01	107	79543	40.330	ng	92
18) Hexachloroethane	7.23	117	26742	25.243	ng	94
19) n-Nitroso-di-n-propylamine	7.15	70	74771	40.119	ng	96
20) 3+4-Methylphenols	7.17	107	102943	39.809	ng	# 64
22) Acetophenone	7.15	105	154637	46.038	ng	# 94
24) Nitrobenzene	7.32	77	106900	43.559	ng	99
25) Isophorone	7.56	82	185463	41.841	ng	98
26) 2-Nitrophenol	7.64	139	27528	25.150	ng	96
27) 2,4-Dimethylphenol	7.68	122	71269	43.569	ng	98
28) bis(2-Chloroethoxy)methane	7.76	93	121007	44.242	ng	99
29) 2,4-Dichlorophenol	7.89	162	66724	38.889	ng	94
30) 1,2,4-Trichlorobenzene	7.96	180	76867	41.748	ng	98
31) Naphthalene	8.03	128	265042	42.272	ng	99
32) Benzoic acid	7.82	122	19324	17.247	ng	99
33) 4-Chloroaniline	8.09	127	107929	40.787	ng	97
34) Hexachlorobutadiene	8.15	225	44992	42.218	ng	97
35) Caprolactam	8.46	113	20873	37.870	ng	90
36) 4-Chloro-3-methylphenol	8.59	107	71824	36.706	ng	99
37) 2-Methylnaphthalene	8.72	142	163752	38.759	ng	99
38) 1-Methylnaphthalene	8.82	142	152604	38.439	ng	98
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	65431	45.240	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102919\
 Data File : BF117604.D
 Acq On : 29 Oct 2019 22:06
 Operator : JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

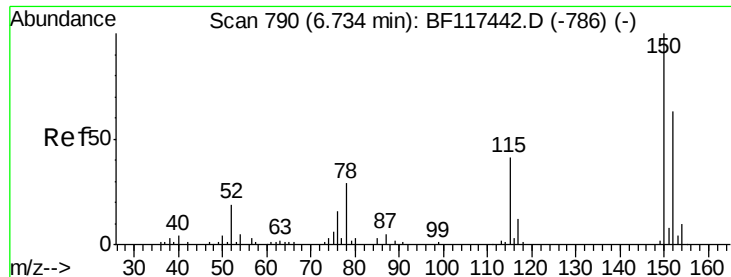
Manual Integrations
 APPROVED

mohammad
 10/30/2019 4:53:20 PM

Quant Time: Oct 30 13:26:26 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 18:53:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.02	196	39300	43.390	nq	99
44) 2,4,5-Trichlorophenol	9.07	196	38234	41.659	nq #	93
46) 1,1'-Biphenyl	9.19	154	198571	44.667	nq	99
47) 2-Chloronaphthalene	9.22	162	147751	44.080	nq	95
48) 2-Nitroaniline	9.32	65	52956	48.127	nq	93
49) Acenaphthylene	9.63	152	211905	43.041	nq	98
50) Dimethylphthalate	9.49	163	172423	45.041	nq	99
51) 2,6-Dinitrotoluene	9.56	165	28372	35.516	nq #	88
52) Acenaphthene	9.80	154	129278	42.799	nq	95
53) 3-Nitroaniline	9.73	138	47220	48.718	nq	98
55) Dibenzofuran	9.97	168	184016	42.049	nq	97
56) 4-Nitrophenol	9.95	139	10621m	26.706	nq	
57) 2,4-Dinitrotoluene	9.98	165	33006	31.077	nq #	86
58) Fluorene	10.31	166	150801	41.669	nq	97
59) 2,3,4,6-Tetrachlorophenol	10.10	232	30325	42.039	nq #	98
60) Diethylphthalate	10.18	149	168008	43.390	nq	99
61) 4-Chlorophenyl-phenylether	10.30	204	68205	42.007	nq	95
62) 4-Nitroaniline	10.35	138	49044	53.683	nq	99
63) Azobenzene	10.46	77	162338	40.955	nq	99
66) n-Nitrosodiphenylamine	10.42	169	128191	41.827	nq	99
67) 4-Bromophenyl-phenylether	10.79	248	36541	40.467	nq #	87
68) Hexachlorobenzene	10.87	284	39131	40.465	nq	92
69) Atrazine	10.95	200	16451	21.098	nq	97
70) Pentachlorophenol	11.08	266	18411	63.508	nq	96
71) Phenanthrene	11.27	178	202913	41.684	nq	99
72) Anthracene	11.33	178	208934	41.831	nq	99
73) Carbazole	11.49	167	200847	44.001	nq	98
74) Di-n-butylphthalate	11.80	149	259824	42.601	nq	99
75) Fluoranthene	12.47	202	214726	44.063	nq	97
78) Pyrene	12.70	202	214323	41.856	nq	99
80) Butylbenzylphthalate	13.30	149	111177	43.632	nq	91
81) Benzo(a)anthracene	13.89	228	163540	40.669	nq	98
82) 3,3'-Dichlorobenzidine	13.84	252	64587	51.185	nq	93
83) Chrysene	13.93	228	161909	41.083	nq	99
84) Bis(2-ethylhexyl)phthalate	13.86	149	157050	43.999	nq	97
85) Di-n-octyl phthalate	14.47	149	256048	46.656	nq	99
86) Indeno(1,2,3-cd)pyrene	16.75	276	105584	35.884	nq	99
88) Benzo(b)fluoranthene	14.92	252	113809	42.081	nq	99
89) Benzo(k)fluoranthene	14.95	252	125520	45.282	nq	97
90) Benzo(a)pyrene	15.27	252	105261	42.807	nq	98
91) Dibenzo(a,h)anthracene	16.74	278	87776	41.282	nq	95
92) Benzo(g,h,i)perylene	17.18	276	81702	40.612	nq	95

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



#1

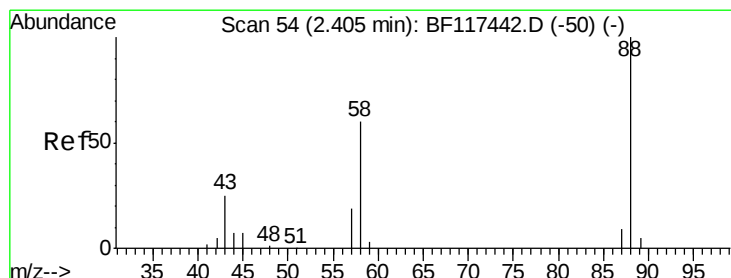
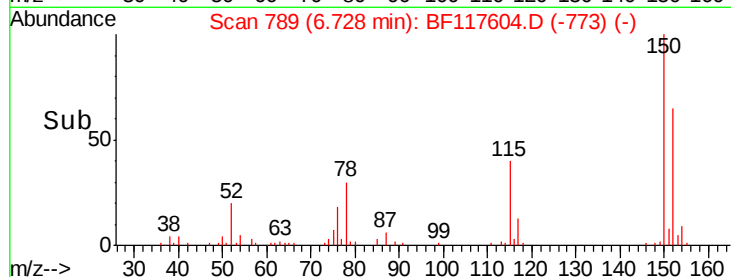
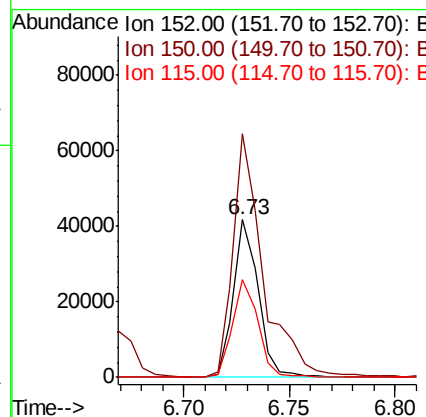
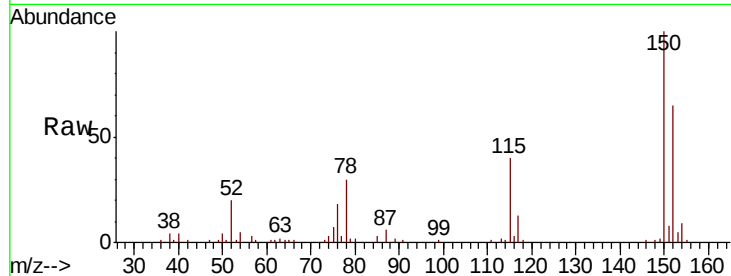
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.8	190.2
115	62.3	51.6	77.4

Manual Integrations
APPROVED

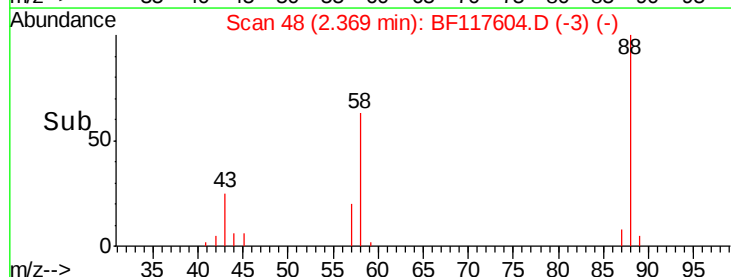
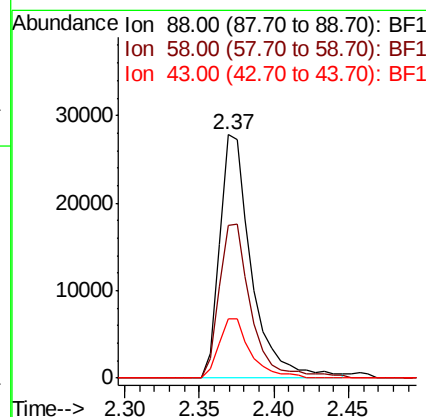
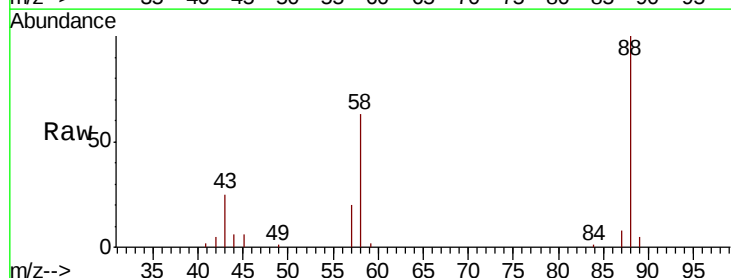
mohammad
10/30/2019 4:53:20 PM

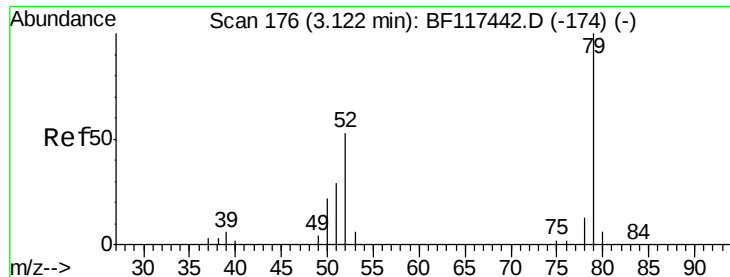


#2

1,4-Dioxane
Concen: 43.538 ng
RT: 2.37 min Scan# 48
Delta R.T. -0.04 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	63.2	48.8	73.2
43	24.3	18.5	27.7





#3

Pvridine

Concen: 40.593 ng

RT: 3.09 min Scan# 171

Delta R.T. -0.03 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

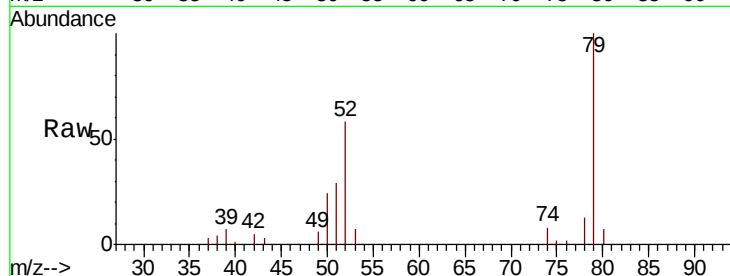
ClientSampleId :

SSTDCCC040

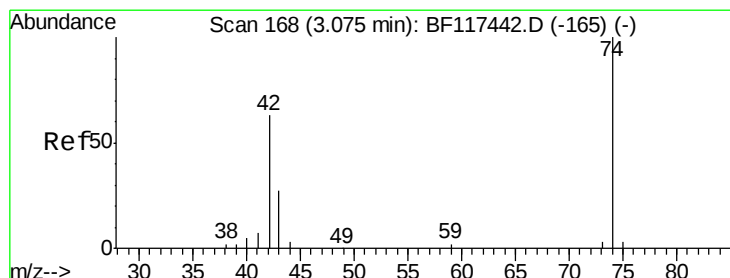
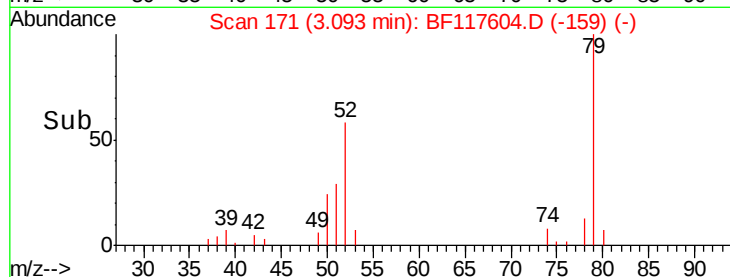
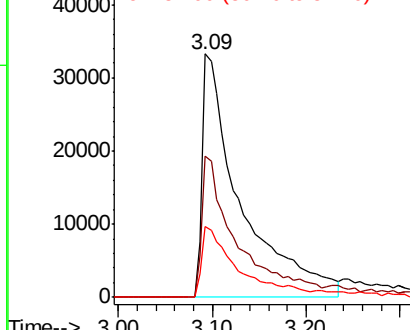
Tot Ion:	79	Resp:	94926
Ion	Ratio	Lower	Upper
79	100		
52	58.1	42.4	63.6
51	29.1	23.3	34.9

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 41.670 ng

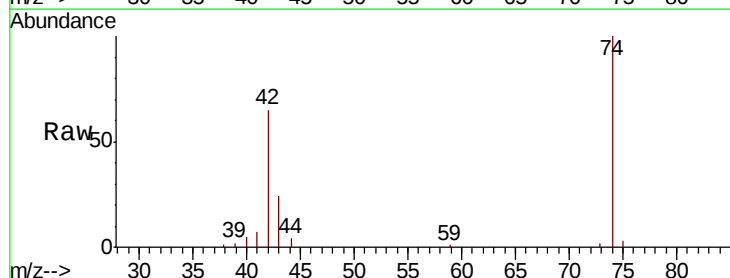
RT: 3.05 min Scan# 163

Delta R.T. -0.03 min

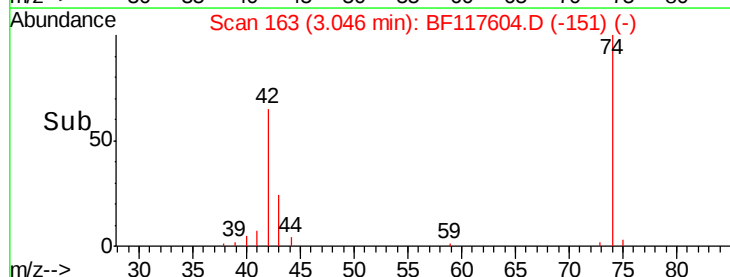
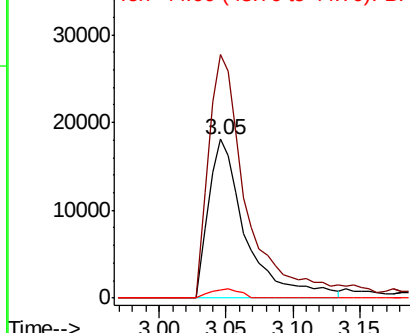
Lab File: BF117604.D

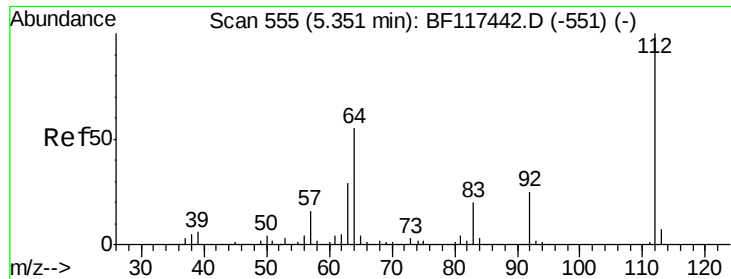
Acq: 29 Oct 2019 22:06

Tgt Ion:	42	Resp:	35352
Ion	Ratio	Lower	Upper
42	100		
74	153.5	124.2	186.4
44	5.4	4.2	6.4



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 89.001 ng

RT: 5.36 min Scan# 556

Delta R.T. 0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

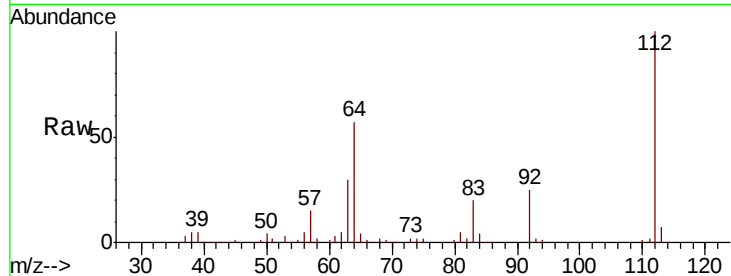
ClientSampleId :

SSTDCCC040

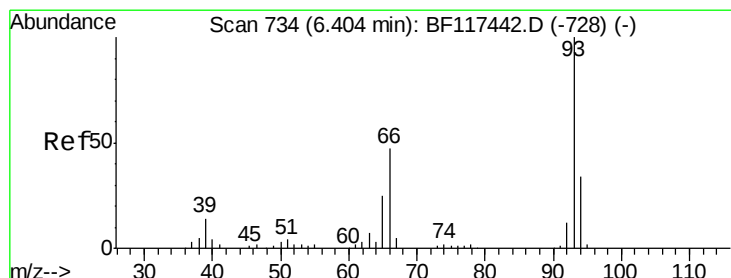
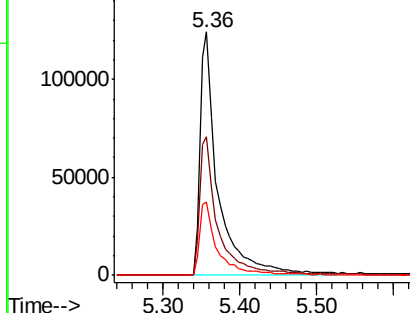
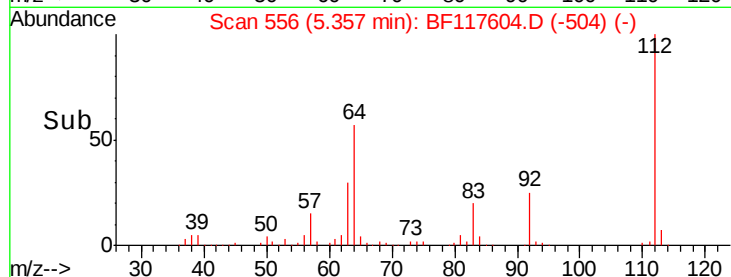
Tot Ion	Ratio	Resp	Lower	Upper
112	100	202218		
64	57.1	44.1	66.1	
63	30.2	23.4	35.2	

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 42.366 ng

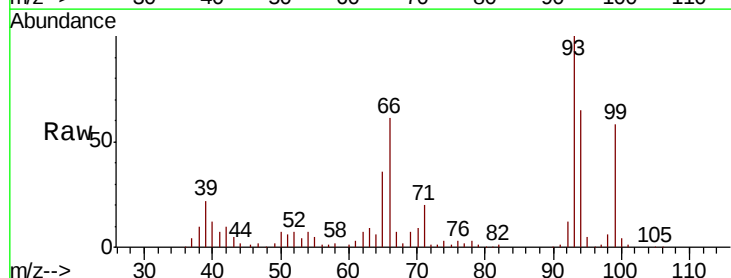
RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

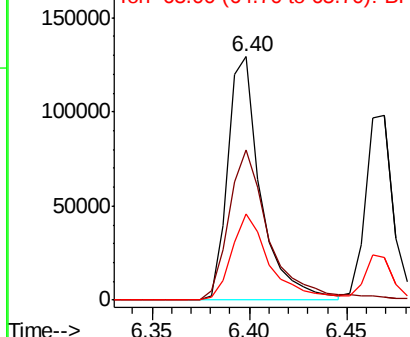
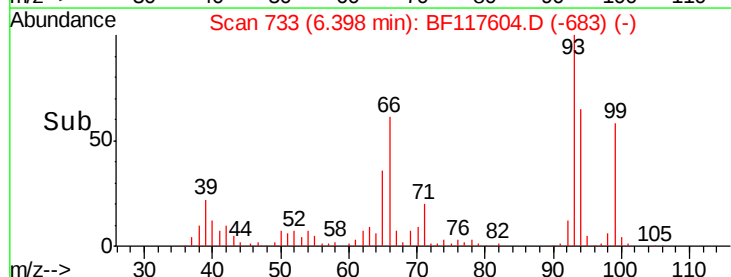
Lab File: BF117604.D

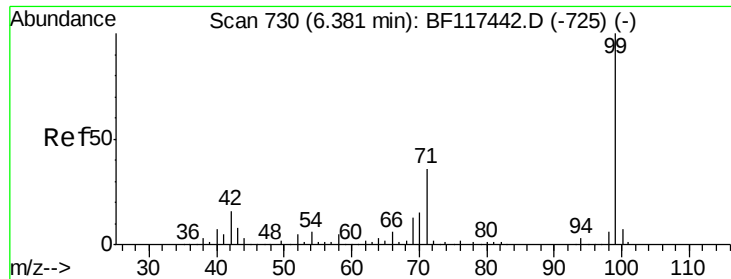
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	151784		
66	61.4	38.7	58.1#	
65	35.6	20.1	30.1#	



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 83.779 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

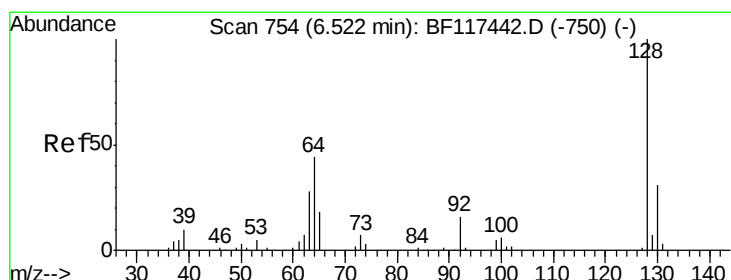
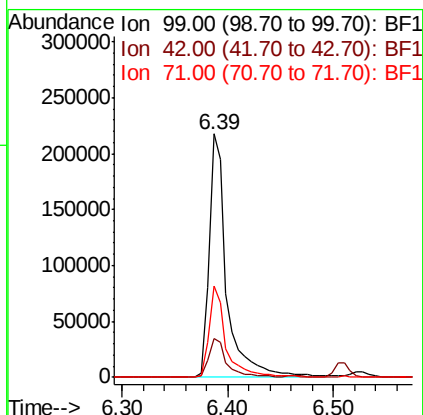
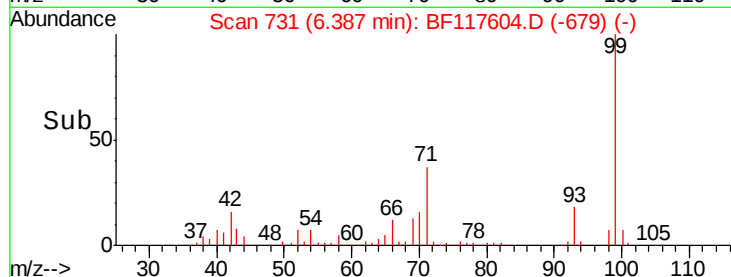
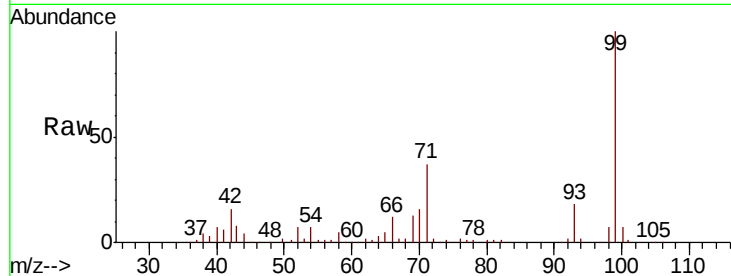
ClientSampleId :

SSTDCCC040

Tot Ion:	99	Resp:	255667
Ion Ratio	Lower	Upper	
99	100		
42	15.9	12.8	19.2
71	37.4	28.6	43.0

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM



#8

2-Chlorophenol

Concen: 41.810 ng

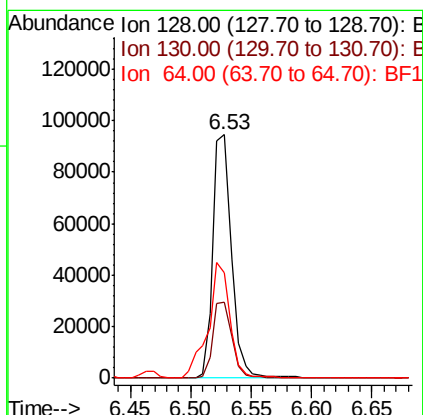
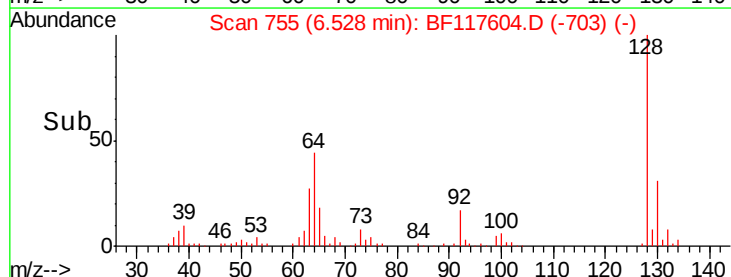
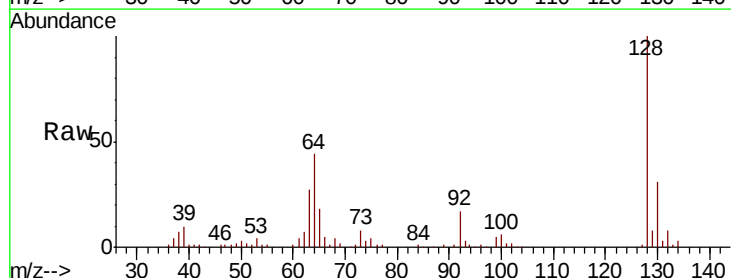
RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Tgt Ion:	128	Resp:	100242
Ion Ratio	Lower	Upper	
128	100		
130	31.2	11.1	51.1
64	43.5	27.1	67.1





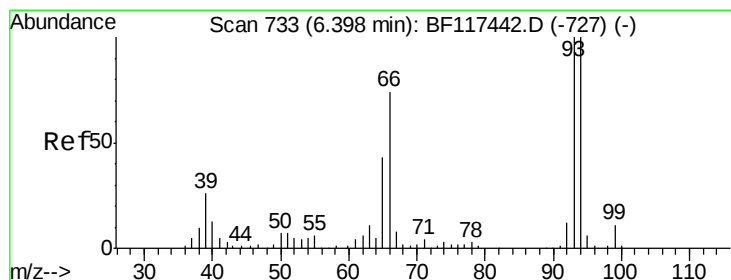
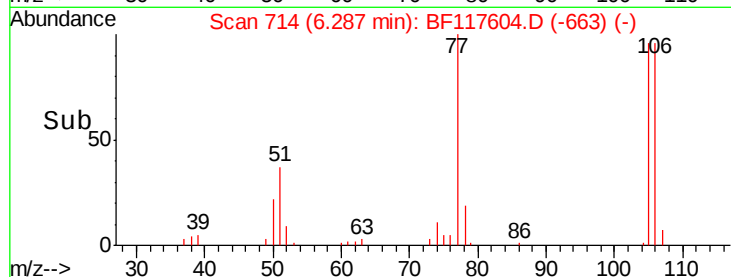
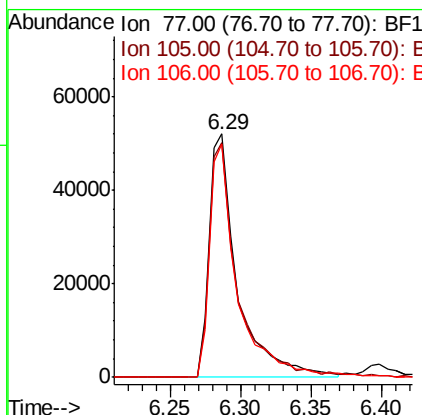
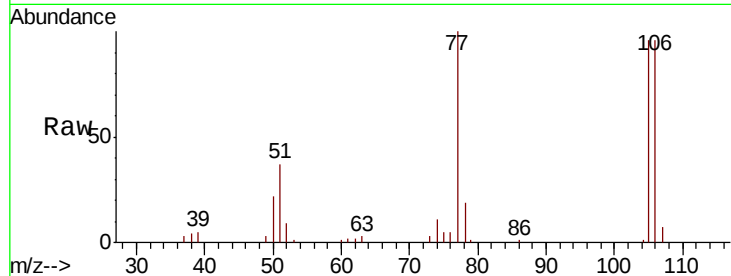
#9
Benzaldehyde
Concen: 52.163 ng
RT: 6.29 min Scan# 714
Delta R.T. 0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	96.4	73.4	113.4
106	95.7	73.0	113.0

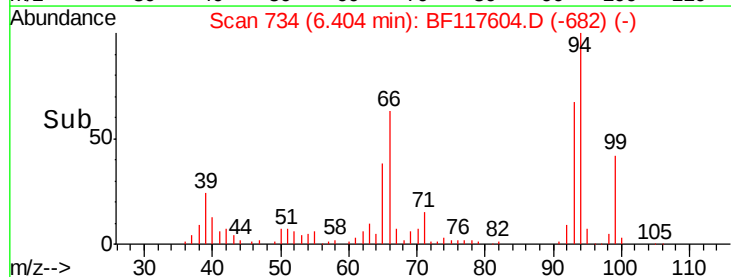
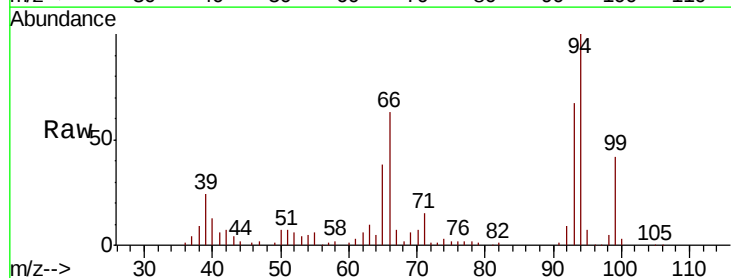
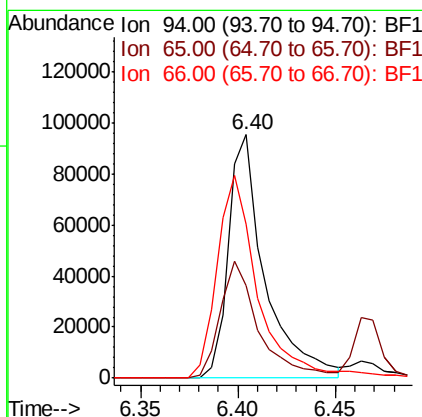
Manual Integrations
APPROVED

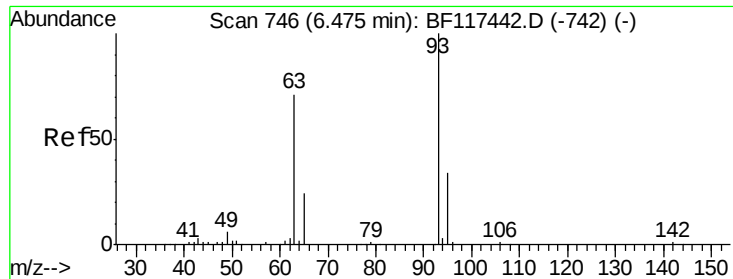
mohammad
10/30/2019 4:53:20 PM



#10
Phenol
Concen: 39.671 ng
RT: 6.40 min Scan# 734
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
94	100		
65	38.0	23.4	63.4
66	63.3	54.7	94.7





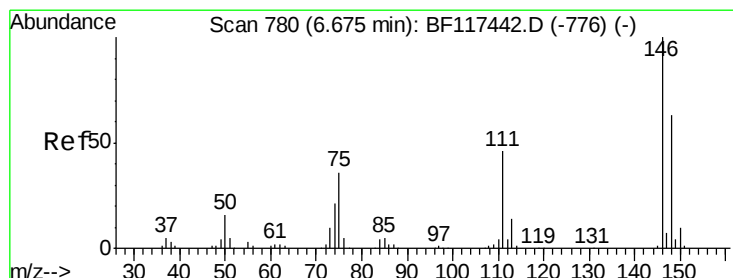
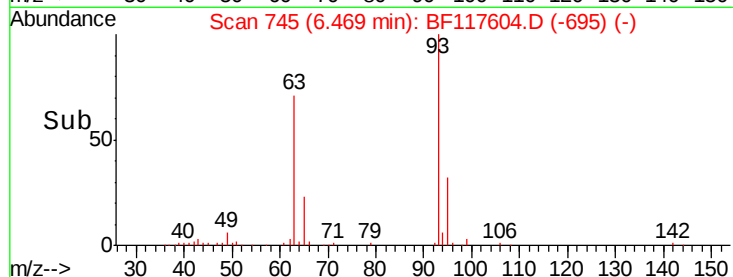
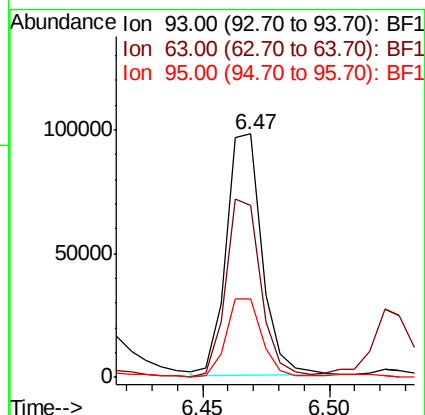
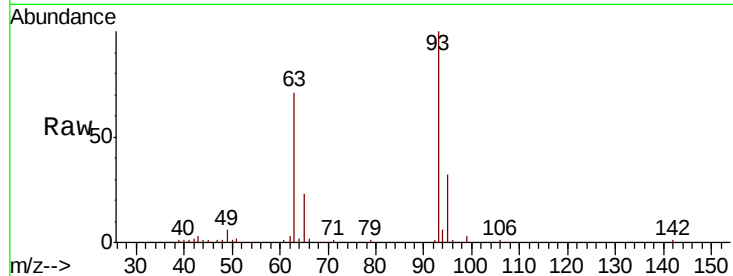
#11
bis(2-Chloroethyl)ether
Concen: 41.693 ng
RT: 6.47 min Scan# 745
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	93	Resp:	96053
Ion	Ratio	Lower	Upper
93	100		
63	70.6	50.2	90.2
95	32.5	13.9	53.9

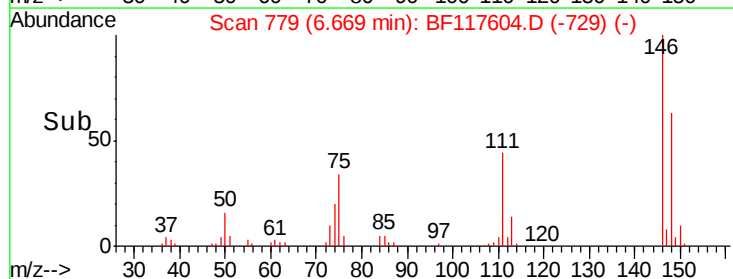
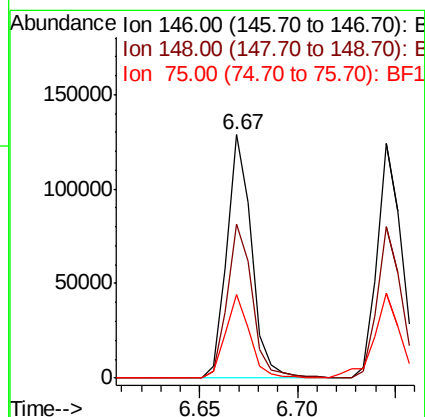
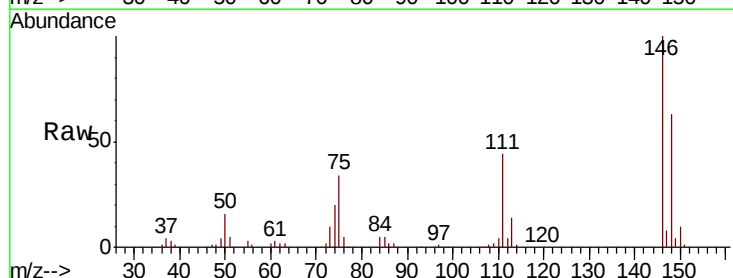
Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM



#12
1,3-Dichlorobenzene
Concen: 42.694 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion:	146	Resp:	114228
Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.6	75.8
75	34.4	28.6	43.0





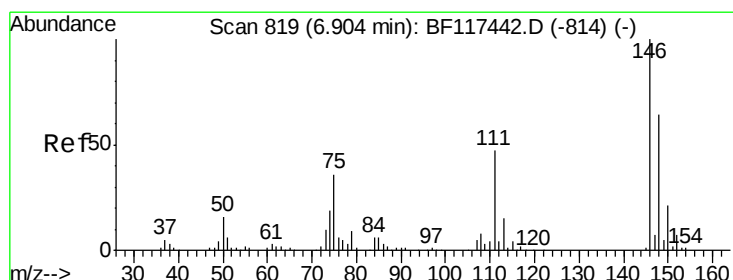
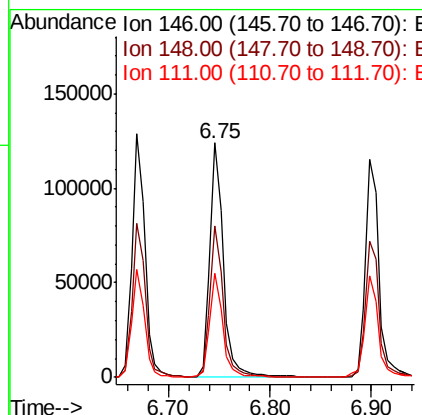
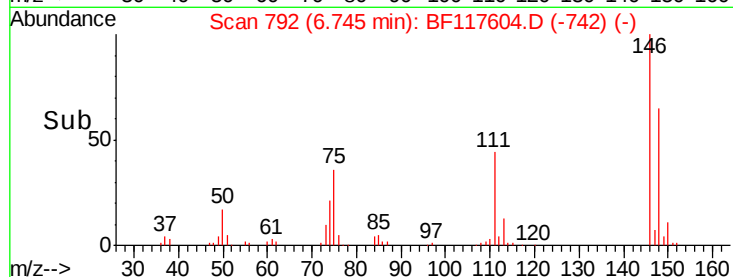
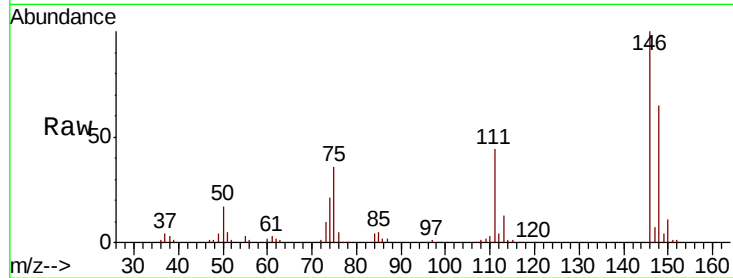
#13
1,4-Dichlorobenzene
Concen: 42.588 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	49.3	73.9
111	44.2	33.6	50.4

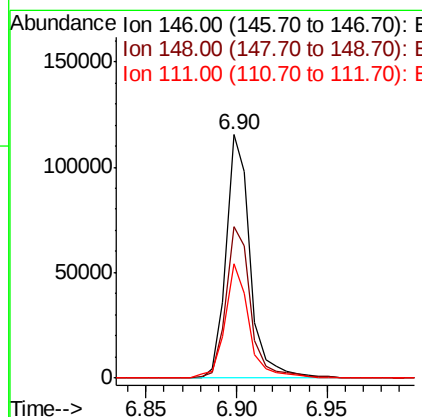
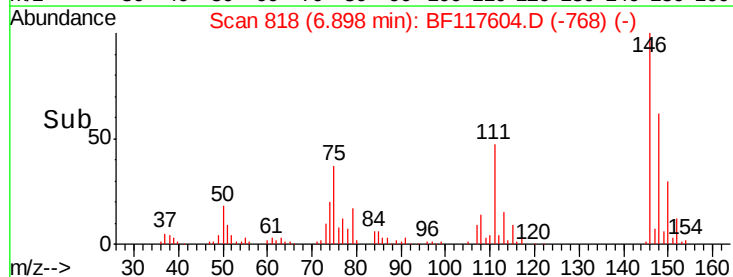
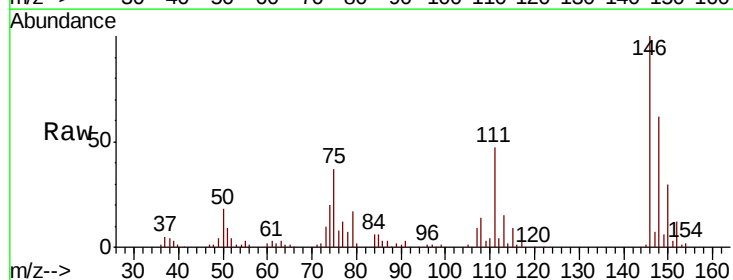
Manual Integrations
APPROVED

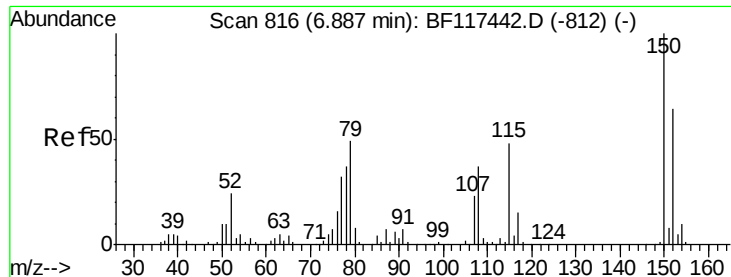
mohammad
10/30/2019 4:53:20 PM



#14
1,2-Dichlorobenzene
Concen: 41.774 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.4	51.4	77.0
111	46.8	37.7	56.5





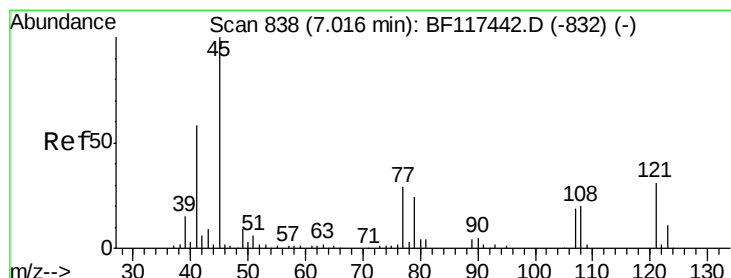
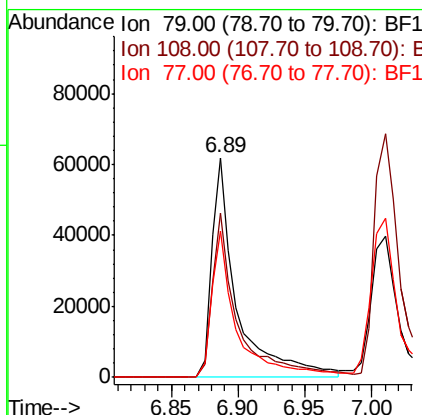
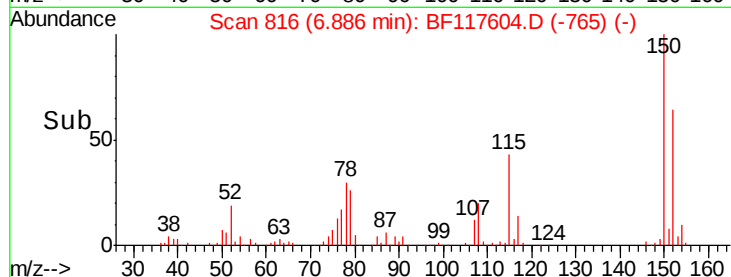
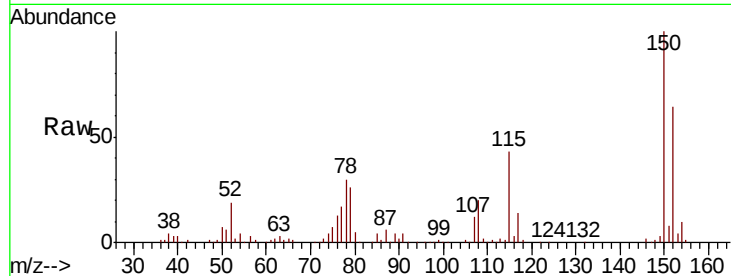
#15
Benzyl Alcohol
Concen: 37.633 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.8	59.8	89.8
77	66.8	51.4	77.0

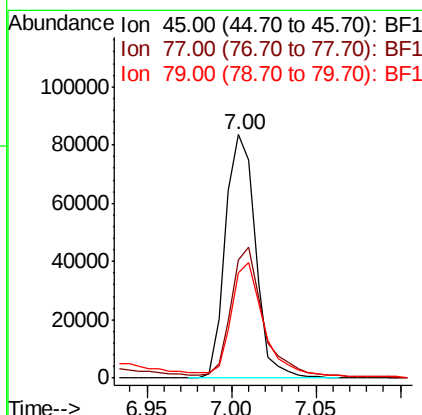
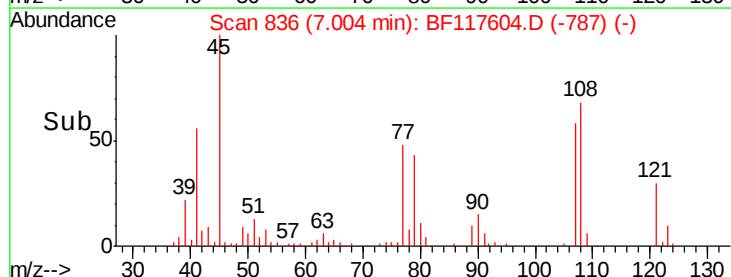
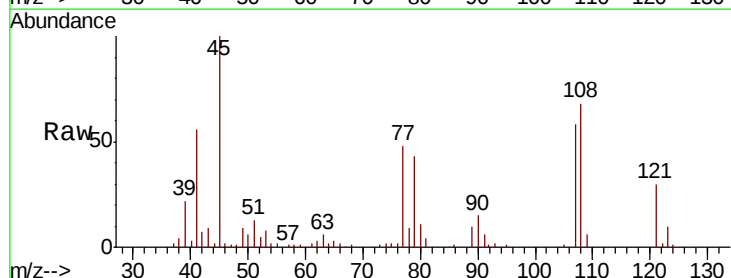
Manual Integrations
APPROVED

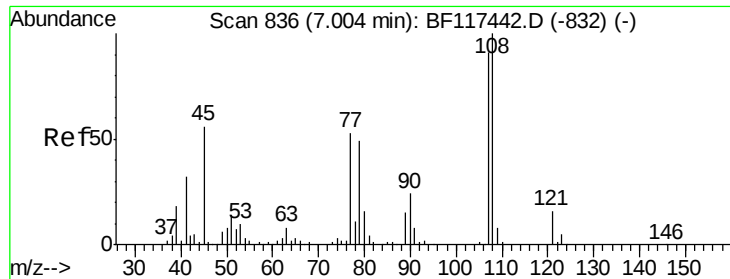
mohammad
10/30/2019 4:53:20 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.500 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
45	100		
77	48.5	9.9	49.9
79	43.1	5.5	45.5





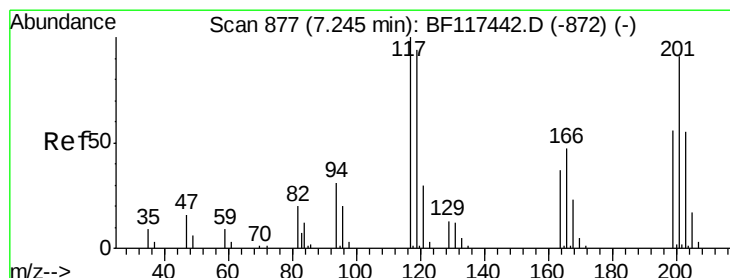
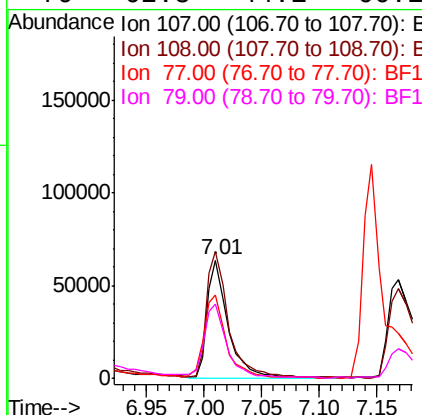
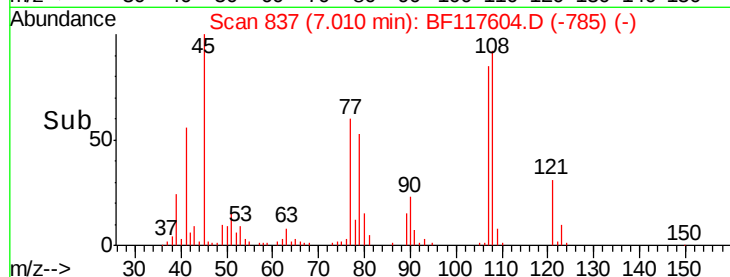
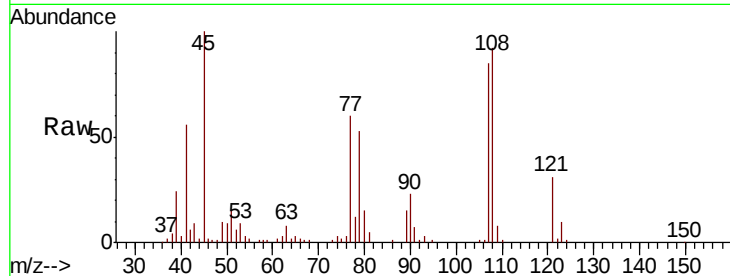
#17
2-Methylphenol
Concen: 40.330 ng
RT: 7.01 min Scan# 837
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.0	88.0	132.0
77	70.6	47.2	70.8
79	62.8	44.1	66.1

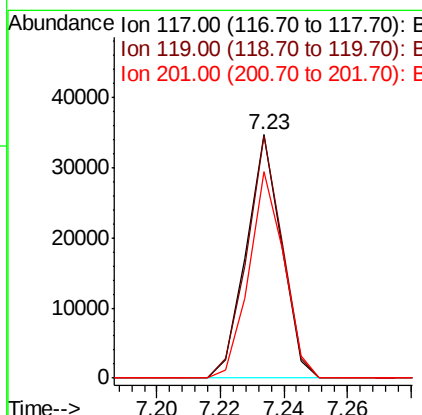
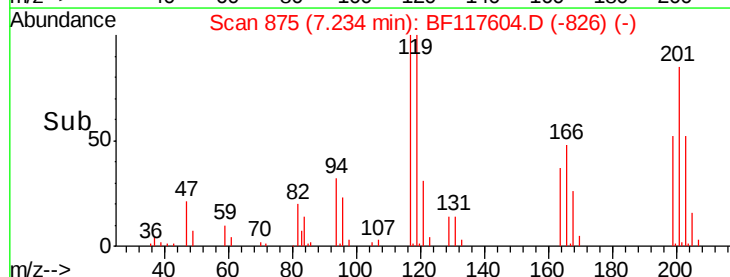
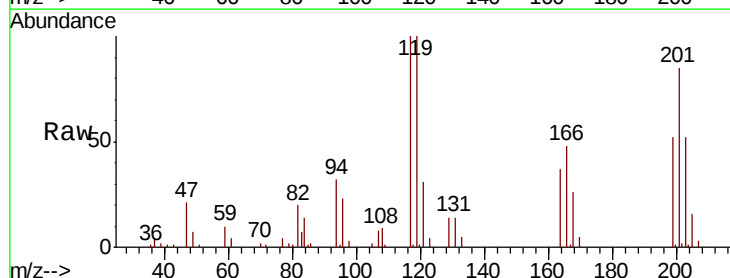
Manual Integrations
APPROVED

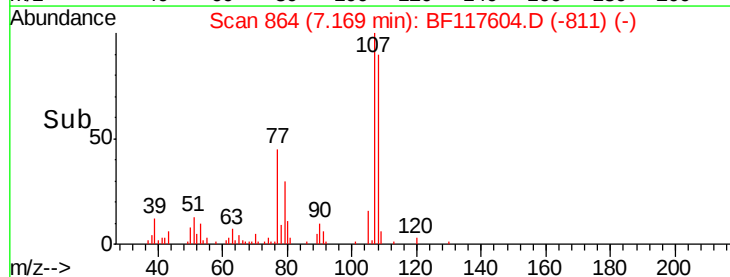
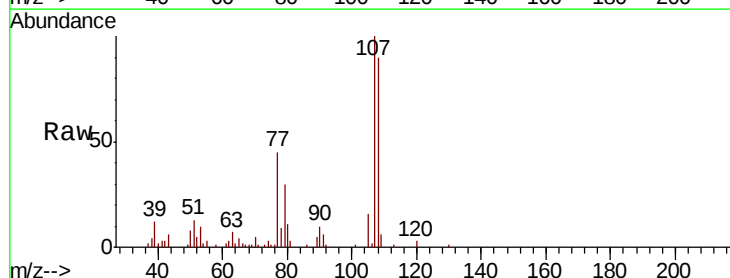
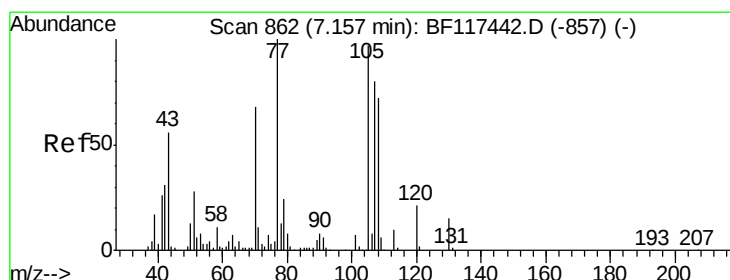
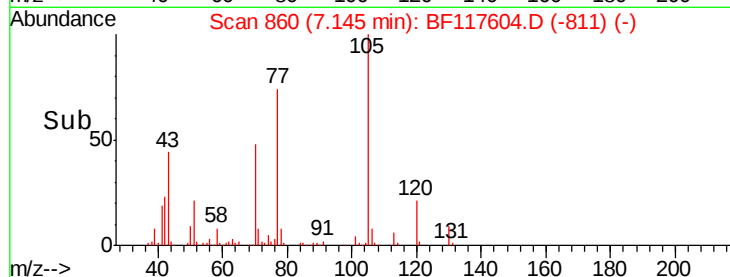
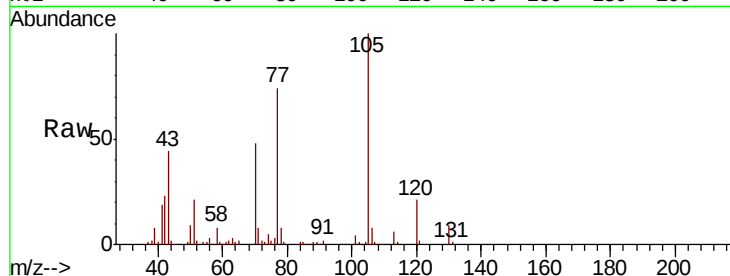
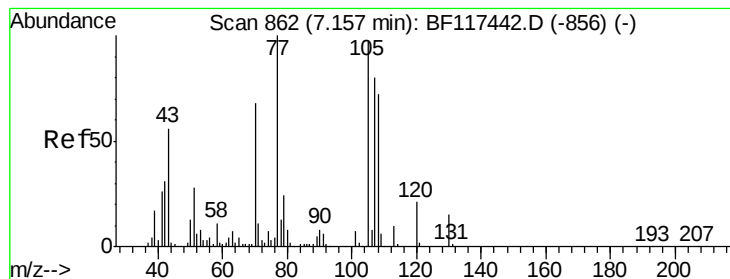
mohammad
10/30/2019 4:53:20 PM



#18
Hexachloroethane
Concen: 25.243 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.5	75.4	113.0
201	85.0	72.5	108.7





#19

n-Nitroso-di-n-propylamine

Concen: 40.119 ng

RT: 7.15 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 70 Resp: 74771

Ion Ratio Lower Upper

70 100

42 48.2 36.7 55.1

101 9.3 8.3 12.5

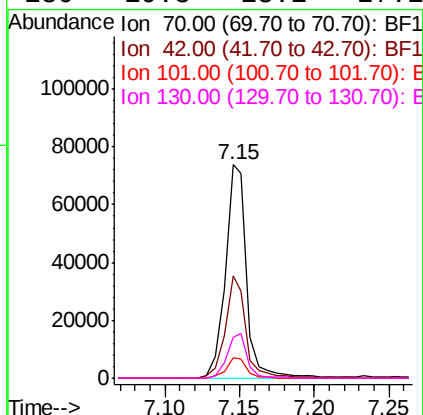
130 19.3 18.1 27.1

Manual Integrations

APPROVED

mohammad

10/30/2019 4:53:20 PM



#20

3+4-Methylphenols

Concen: 39.809 ng

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Tgt Ion: 107 Resp: 102943

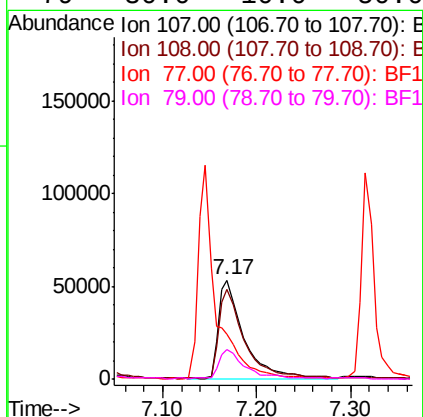
Ion Ratio Lower Upper

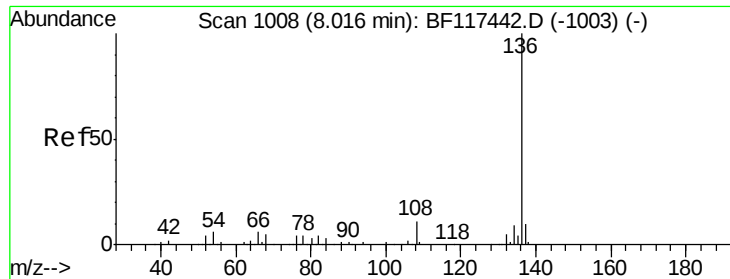
107 100

108 90.4 70.3 110.3

77 45.0 104.8 144.8#

79 30.0 10.0 50.0





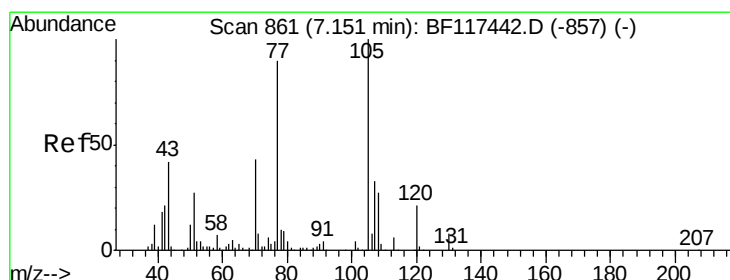
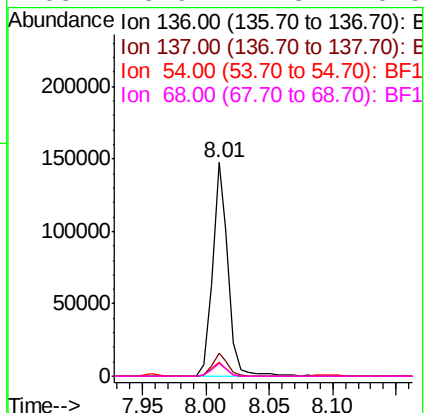
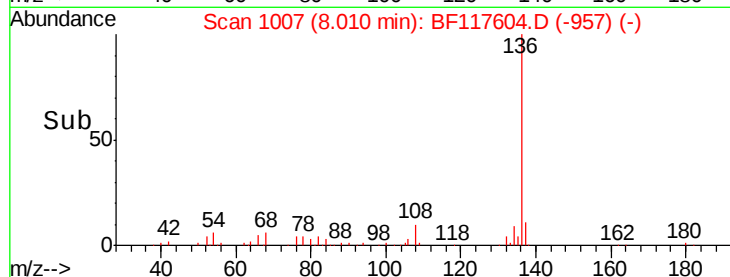
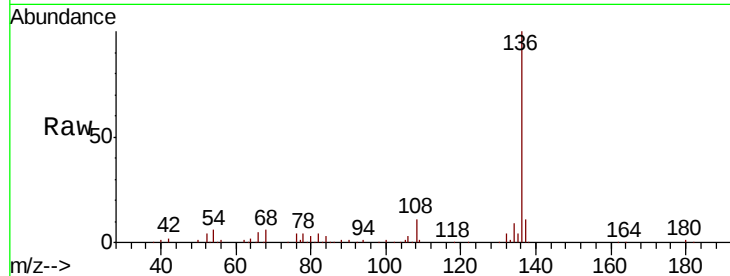
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		126495		
137	10.6	8.2	12.4		
54	6.3	4.5	6.7		
68	5.9	4.3	6.5		

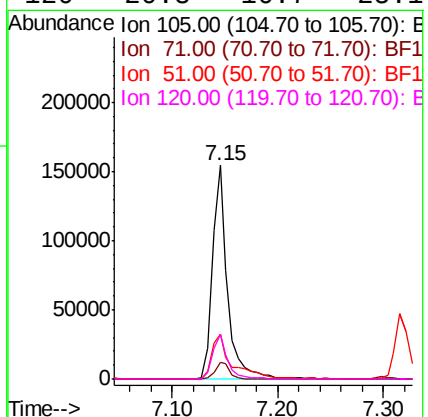
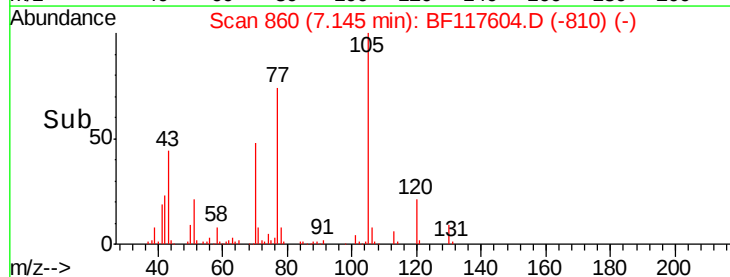
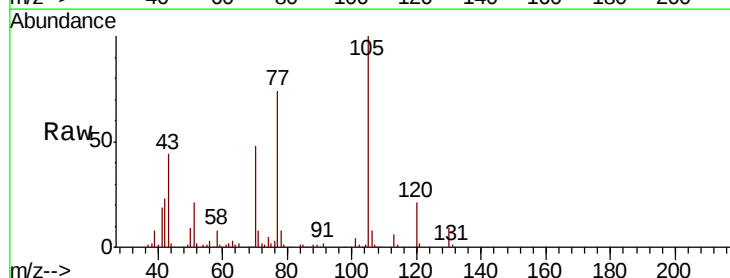
Manual Integrations
APPROVED

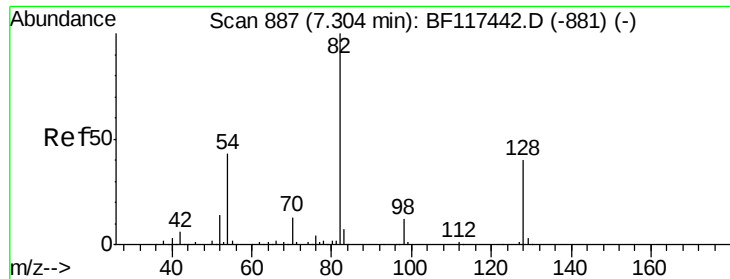
mohammad
10/30/2019 4:53:20 PM



#22
Acetophenone
Concen: 46.038 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		154637		
71	7.8	6.2	9.2		
51	21.1	21.8	32.6#		
120	20.8	16.7	25.1		





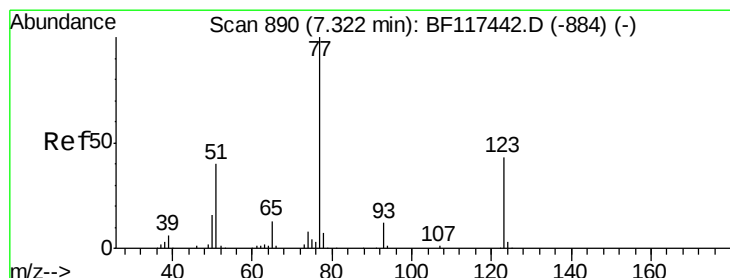
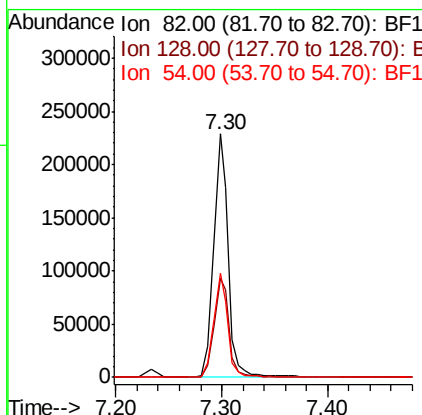
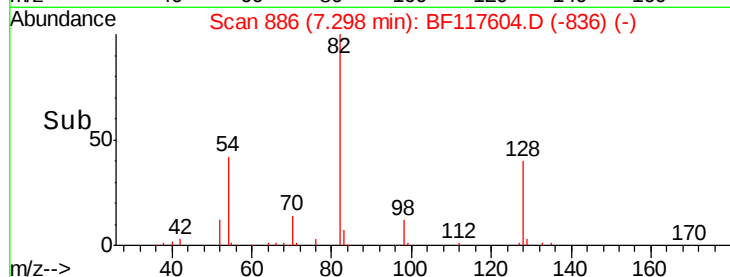
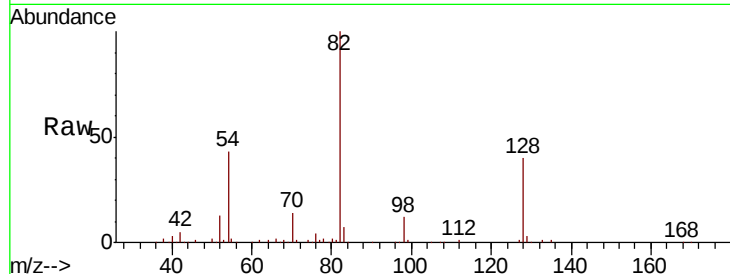
#23
Nitrobenzene-d5
Concen: 88.260 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.4	32.2	48.2
54	42.7	34.2	51.2

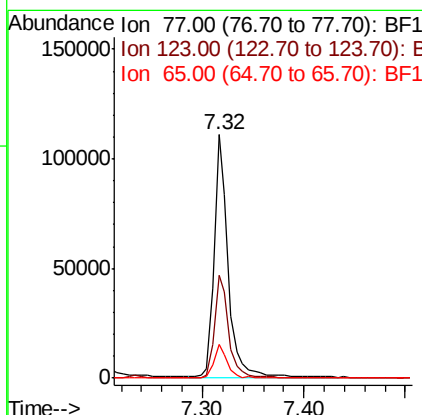
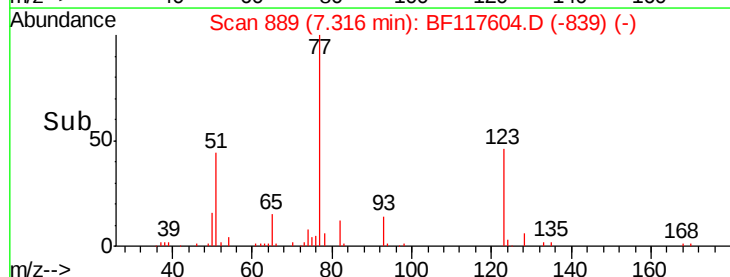
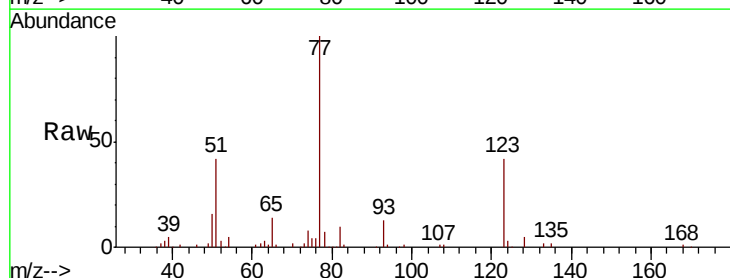
Manual Integrations
APPROVED

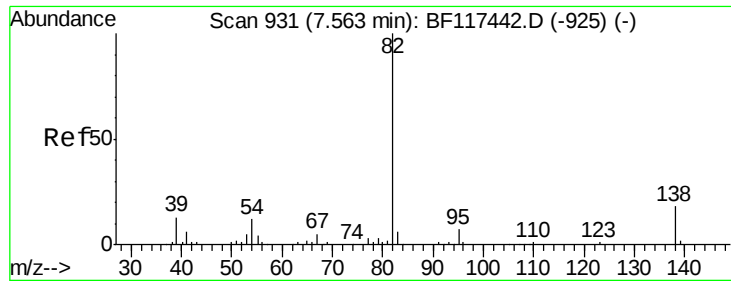
mohammad
10/30/2019 4:53:20 PM



#24
Nitrobenzene
Concen: 43.559 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.2	34.2	51.2
65	13.8	10.3	15.5





#25

Isophorone

Concen: 41.841 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

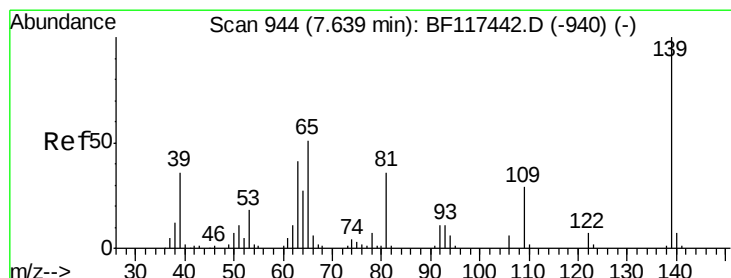
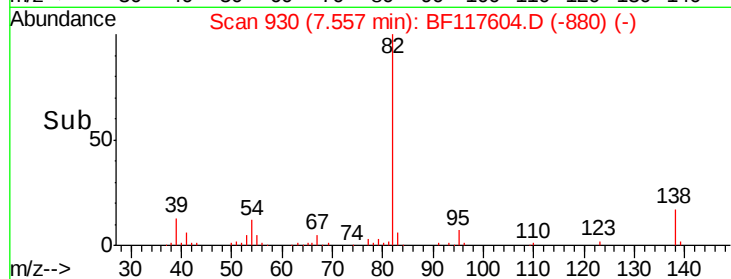
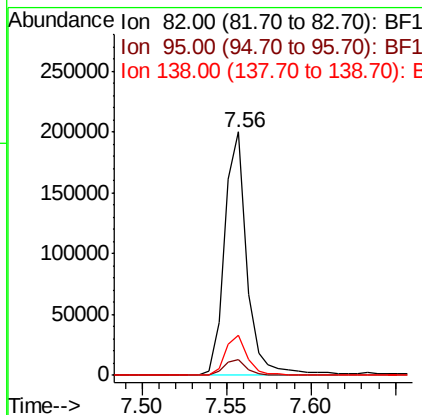
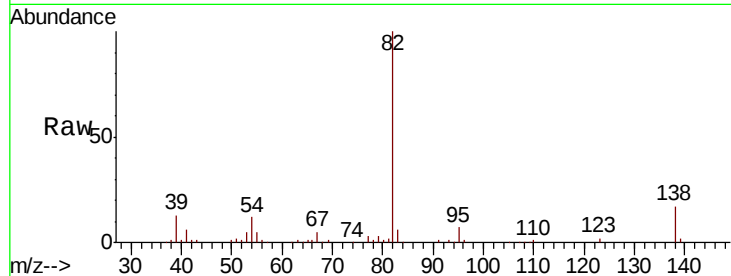
ClientSampleId :

SSTDCCC040

Tot Ion:	82	Resp:	185463
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.0
138	16.7	14.2	21.2

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM



#26

2-Nitrophenol

Concen: 25.150 ng

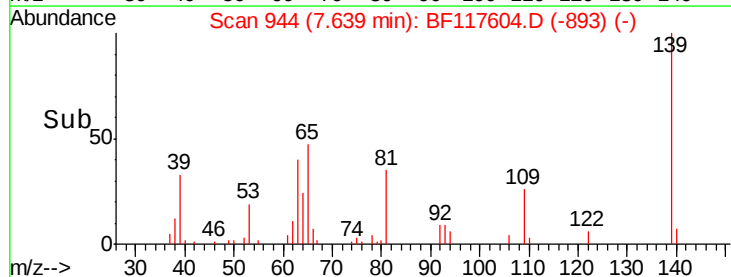
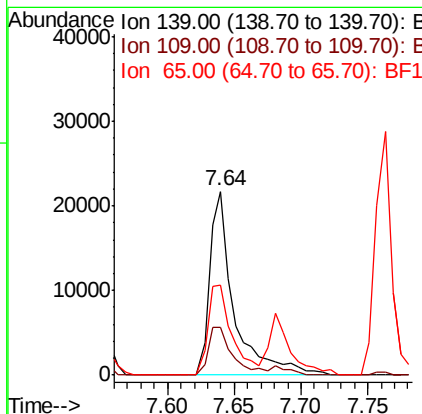
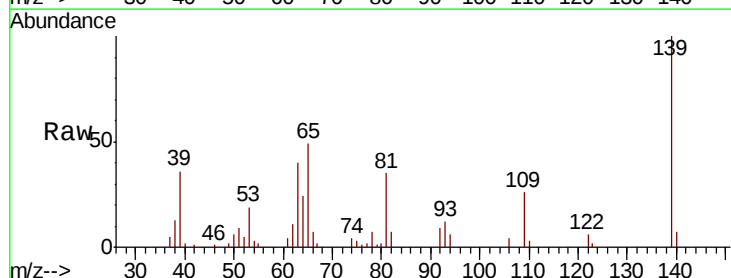
RT: 7.64 min Scan# 944

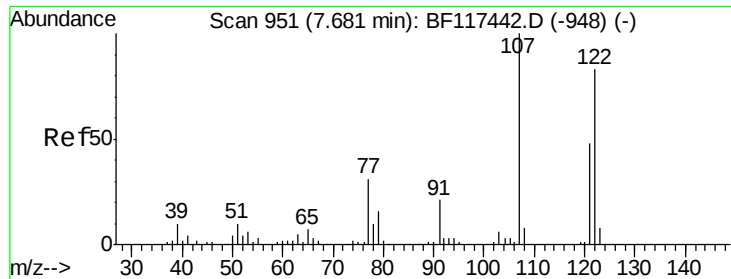
Delta R.T. -0.00 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Tgt Ion:	139	Resp:	27528
Ion Ratio	Lower	Upper	
139	100		
109	26.2	23.2	34.8
65	49.1	41.1	61.7





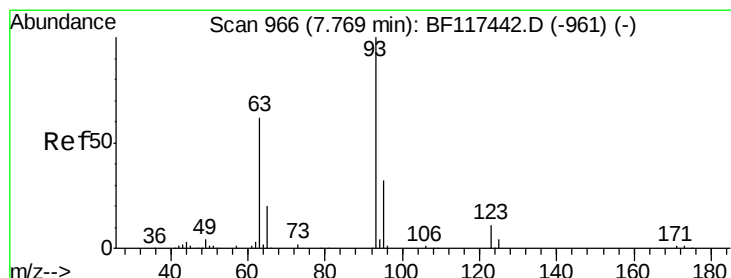
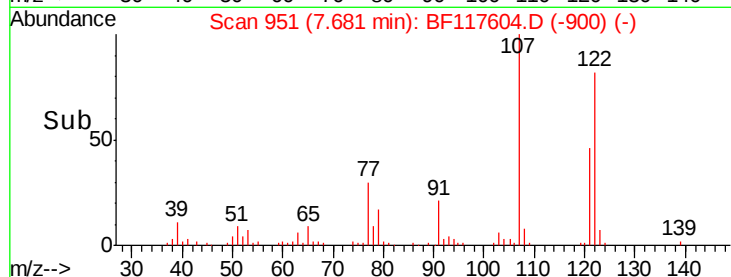
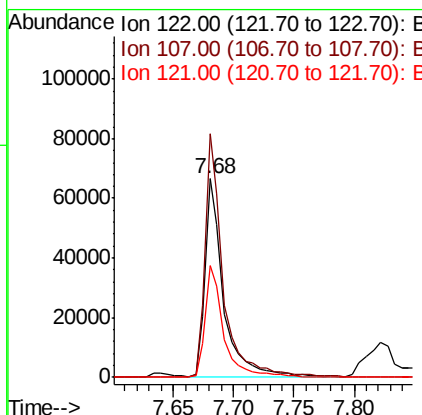
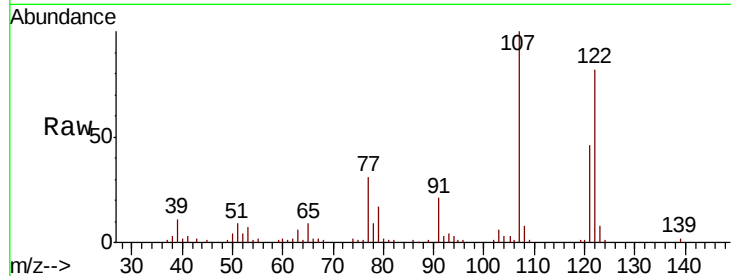
#27
 2,4-Dimethylphenol
 Concen: 43.569 ng
 RT: 7.68 min Scan# 951
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.5	96.8	145.2
121	56.0	46.4	69.6

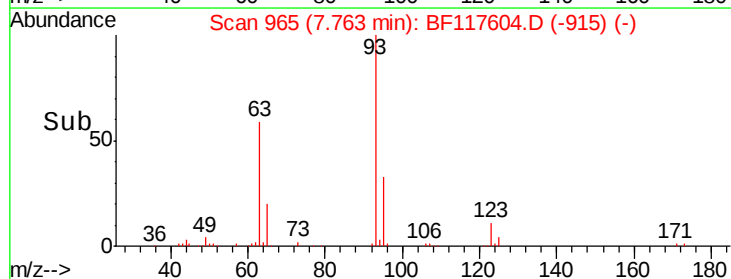
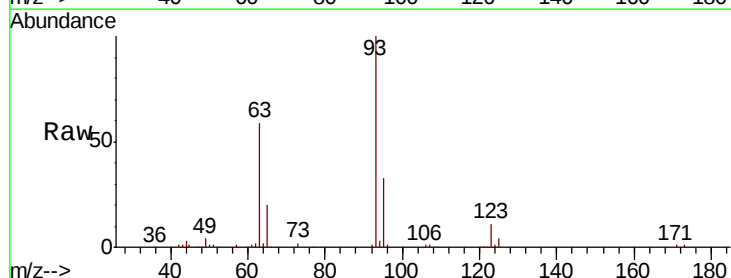
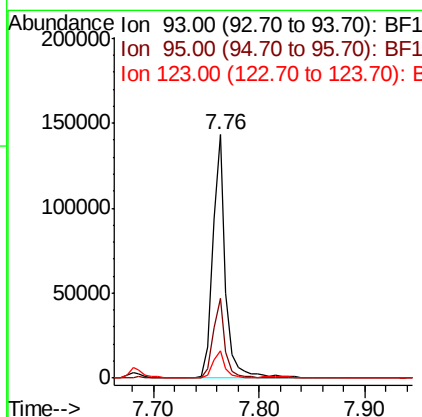
Manual Integrations
 APPROVED

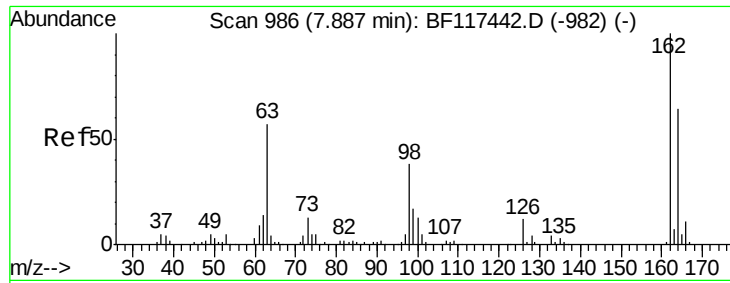
mohammad
 10/30/2019 4:53:20 PM



#28
 bis(2-Chloroethoxy)methane
 Concen: 44.242 ng
 RT: 7.76 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.5	38.3
123	11.0	9.0	13.6





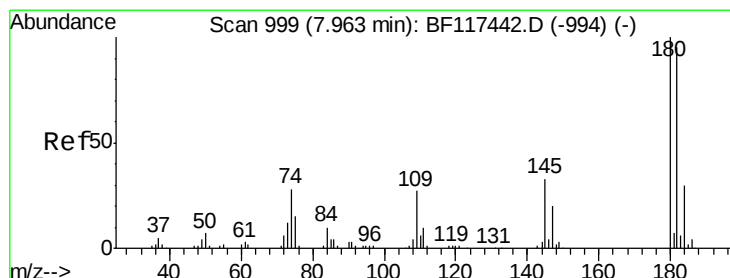
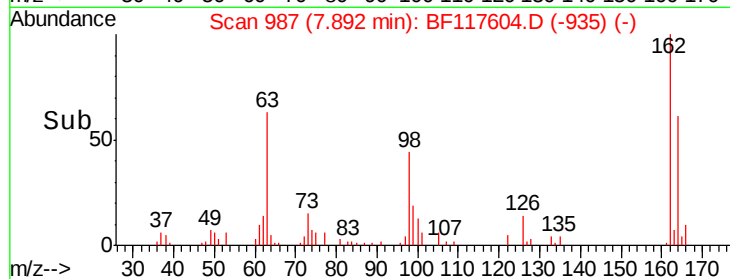
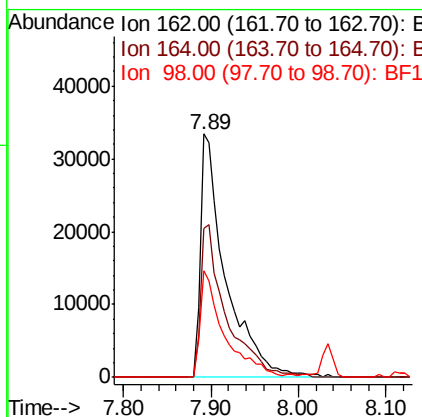
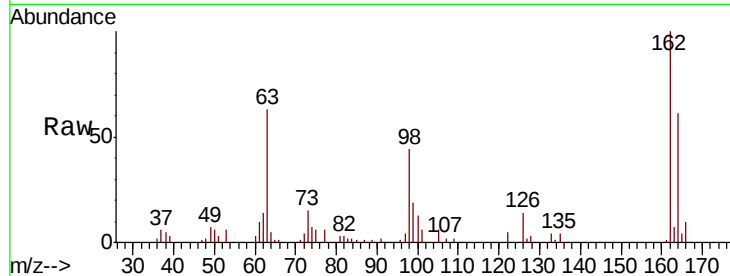
#29
2,4-Dichlorophenol
Concen: 38.889 ng
RT: 7.89 min Scan# 987
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	61.1	44.4	84.4
98	43.7	18.2	58.2

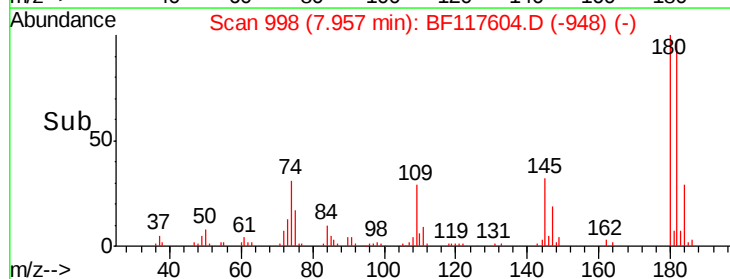
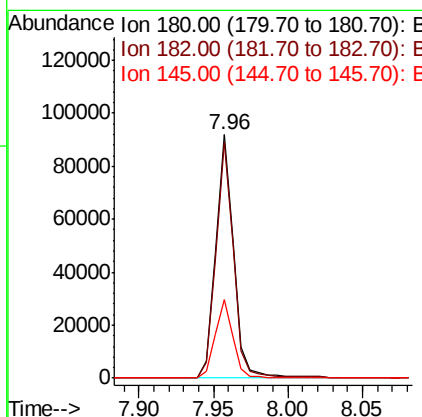
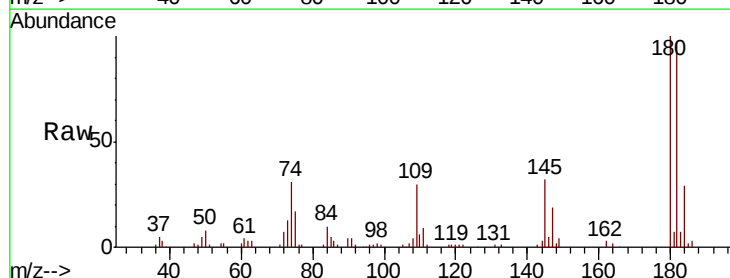
Manual Integrations
APPROVED

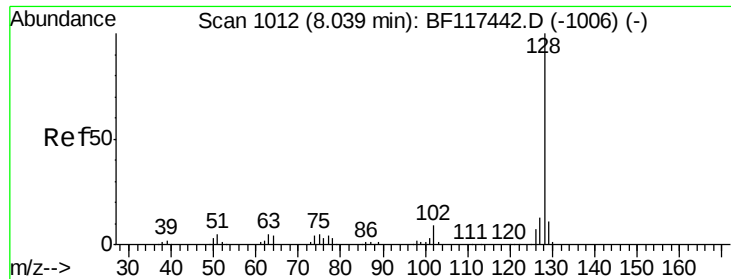
mohammad
10/30/2019 4:53:20 PM



#30
1,2,4-Trichlorobenzene
Concen: 41.748 ng
RT: 7.96 min Scan# 998
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.9	75.8	113.8
145	32.4	26.5	39.7





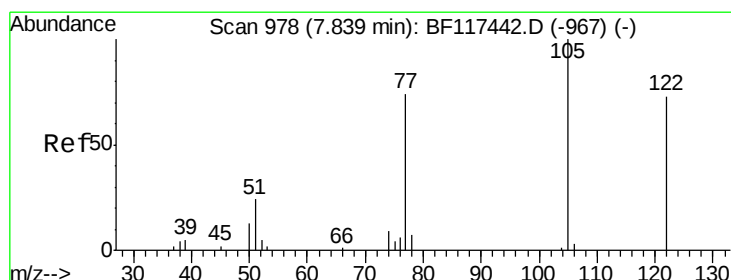
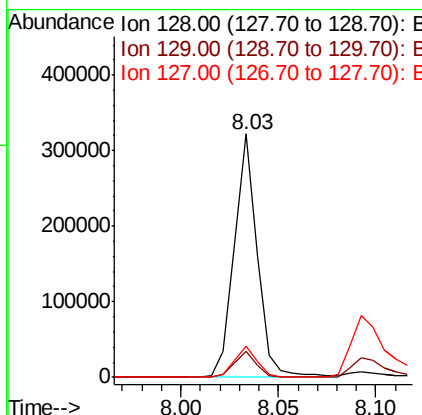
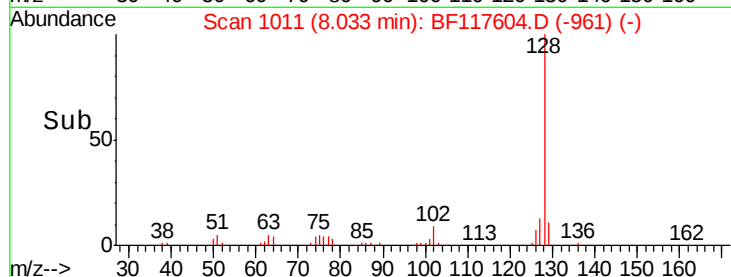
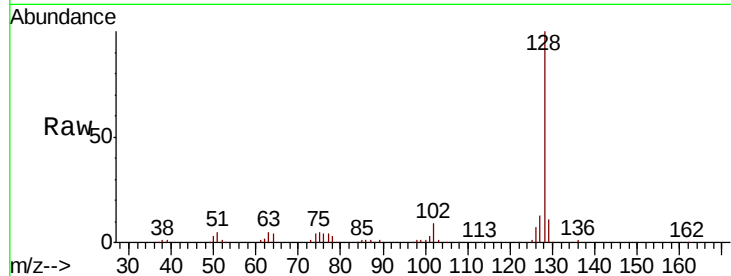
#31
Naphthalene
Concen: 42.272 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	12.6	10.2	15.2

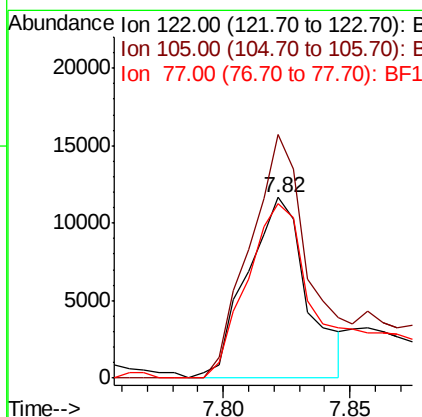
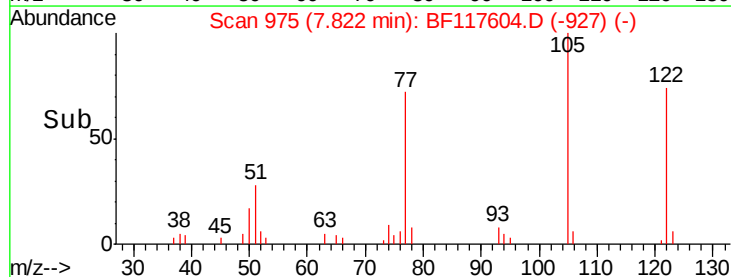
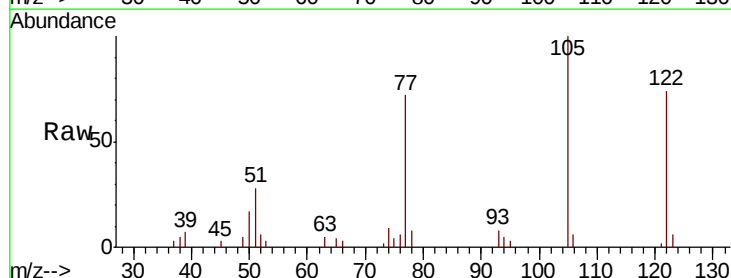
Manual Integrations
APPROVED

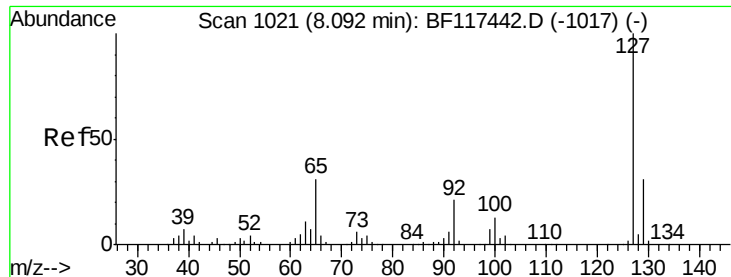
mohammad
10/30/2019 4:53:20 PM



#32
Benzoic acid
Concen: 17.247 ng
RT: 7.82 min Scan# 975
Delta R.T. -0.02 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	135.0	115.0	155.0
77	97.1	79.7	119.7





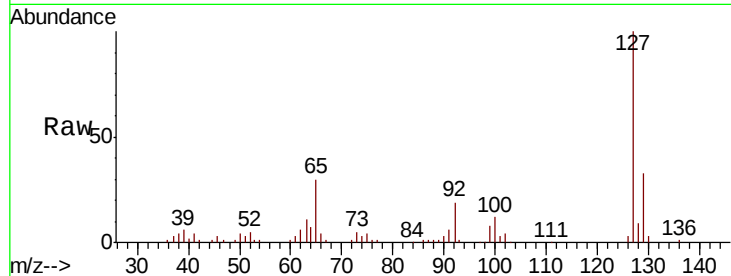
#33
4-Chloroaniline
Concen: 40.787 ng
RT: 8.09 min Scan# 1021
Delta R.T. -0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.5	24.8	37.2
65	29.6	24.6	37.0
92	19.2	16.5	24.7

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM



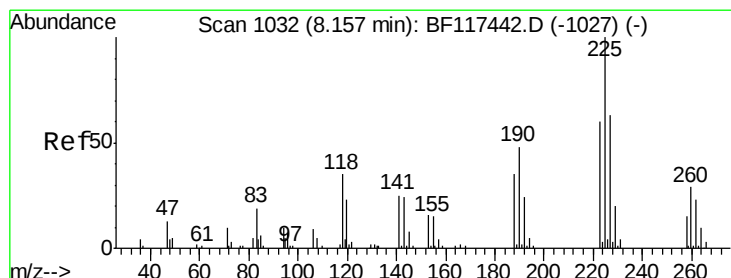
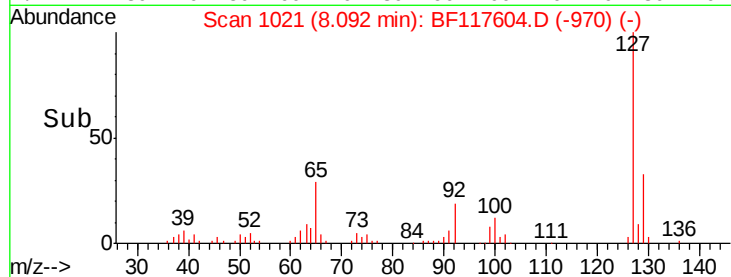
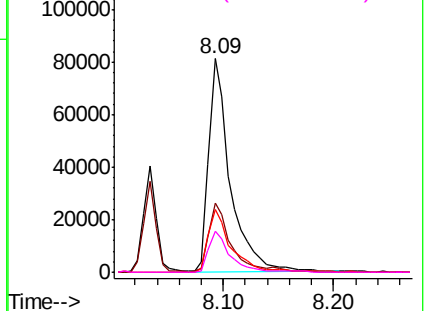
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

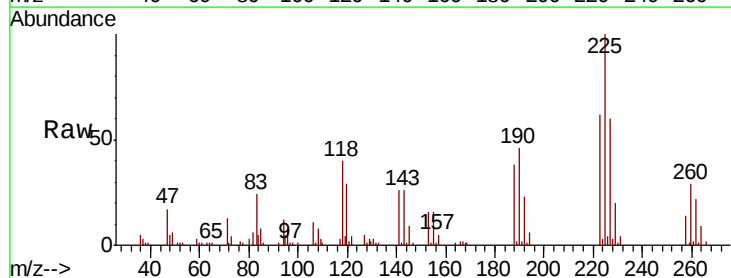
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 42.218 ng
RT: 8.15 min Scan# 1030
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.8	48.2	72.4
227	60.2	50.2	75.4

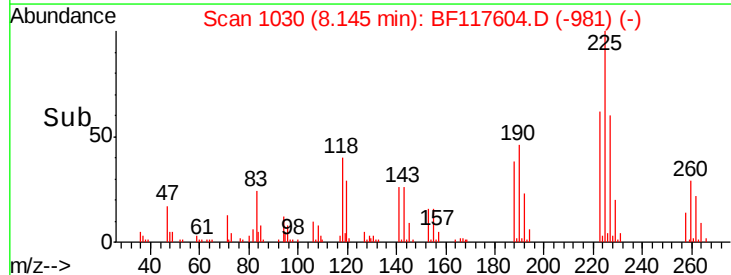
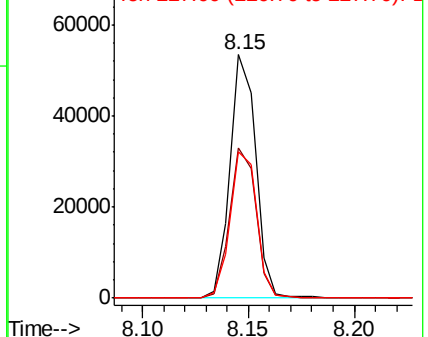


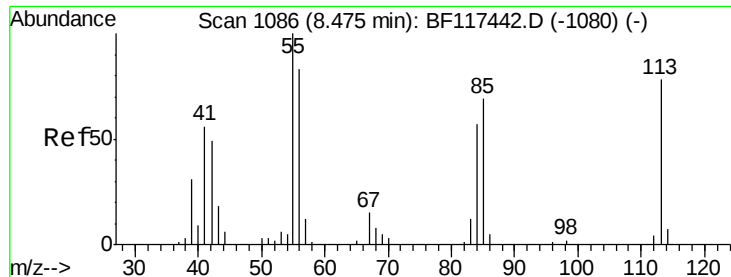
Abundance

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





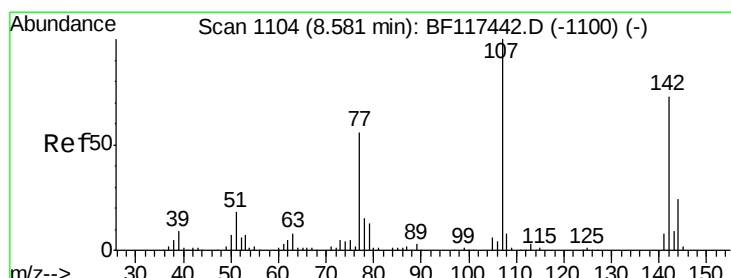
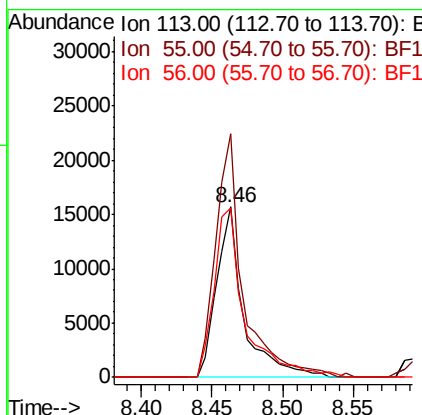
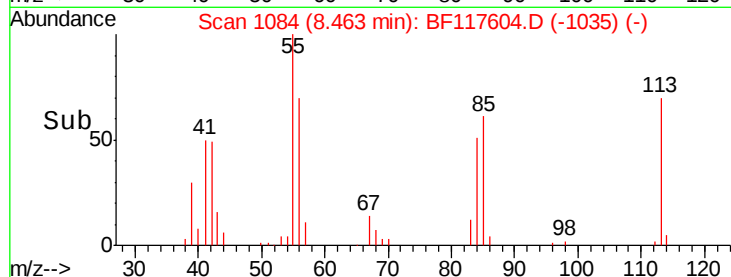
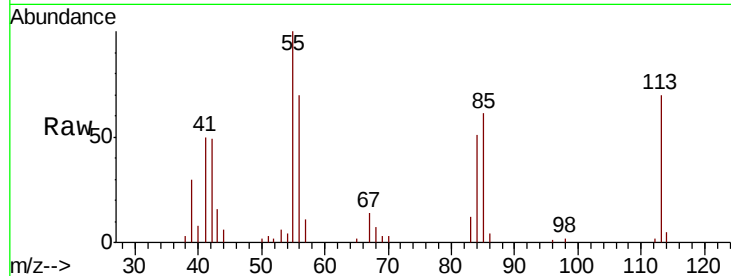
#35
 Caprolactam
 Concen: 37.870 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	143.0	108.8	148.8	
56	99.5	87.2	127.2	

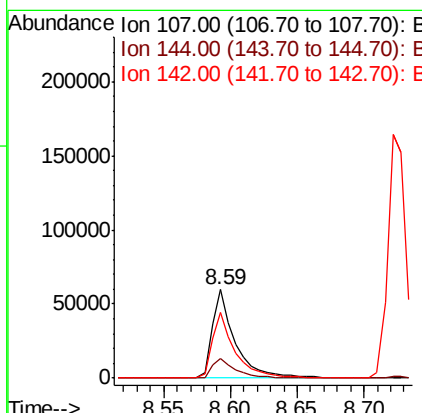
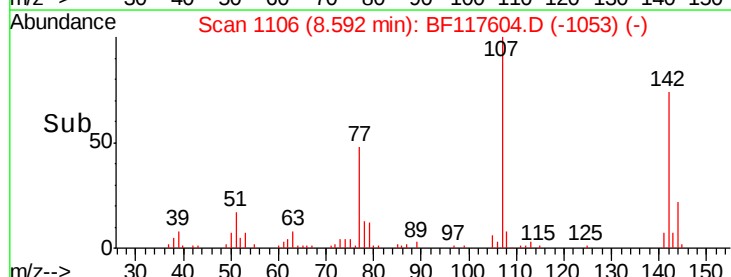
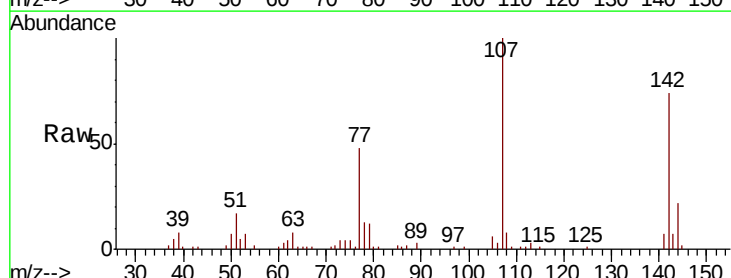
Manual Integrations
 APPROVED

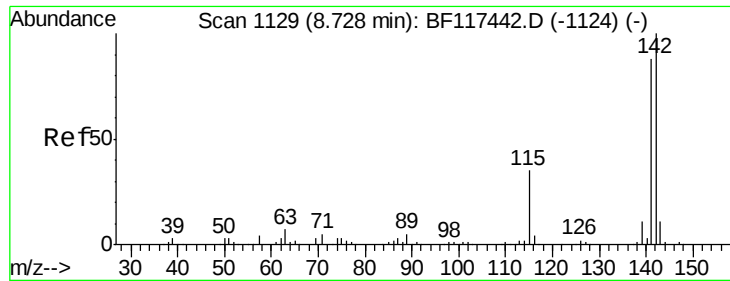
mohammad
 10/30/2019 4:53:20 PM



#36
 4-Chloro-3-methylphenol
 Concen: 36.706 ng
 RT: 8.59 min Scan# 1106
 Delta R.T. 0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	22.2	18.9	28.3	
142	73.9	58.6	88.0	





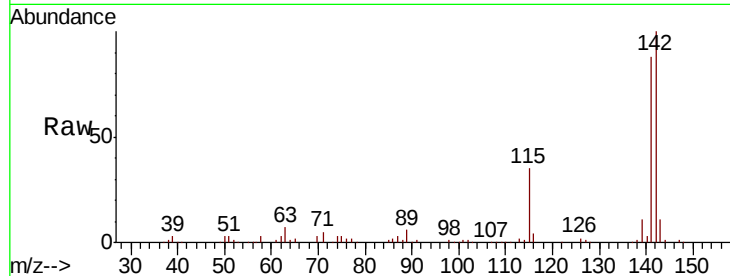
#37
2-Methylnaphthalene
Concen: 38.759 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.3	105.5
115	34.5	28.2	42.2

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM

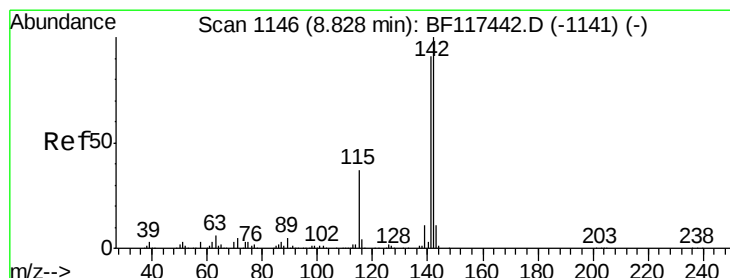
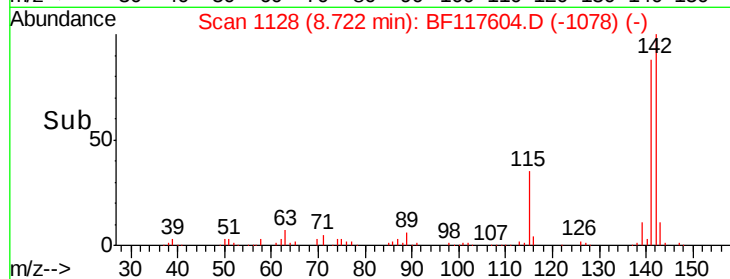
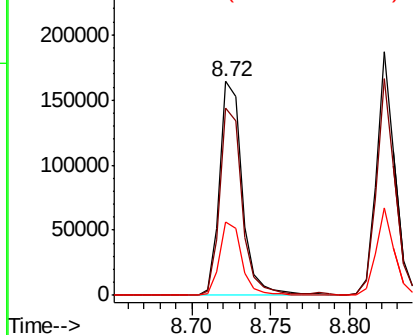


Abundance

Ion 142.00 (141.70 to 142.70): E

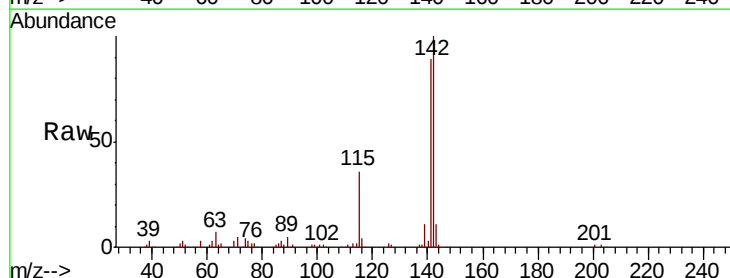
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.439 ng
RT: 8.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.3	73.3	109.9
116	3.9	3.1	4.7

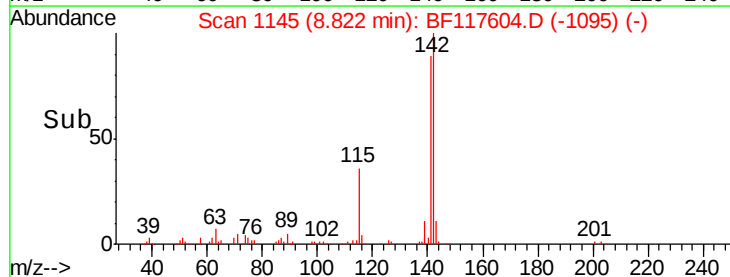
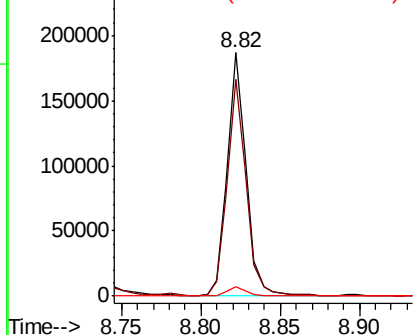


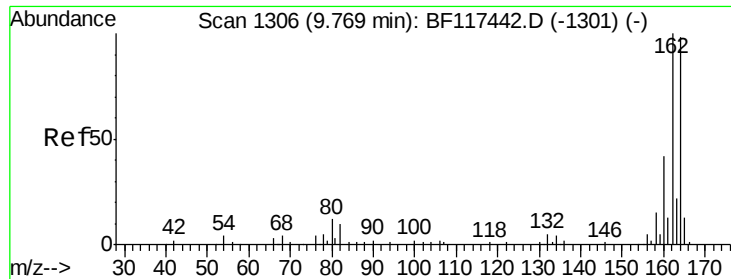
Abundance

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





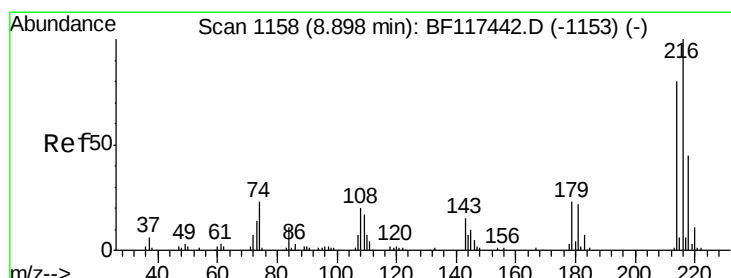
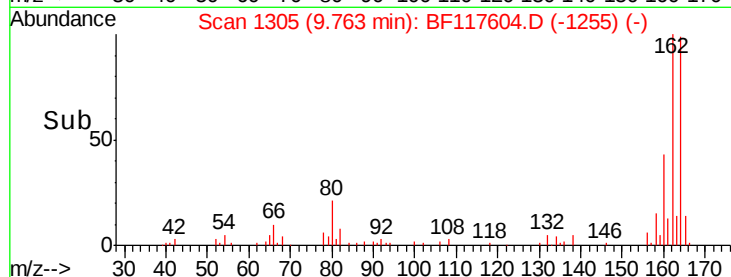
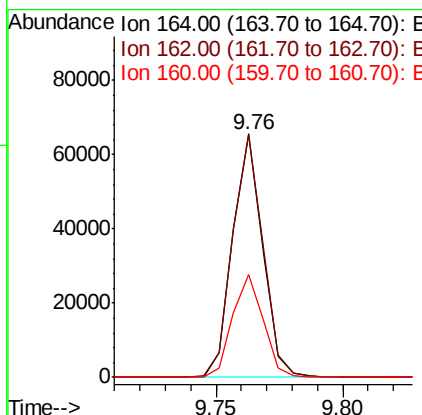
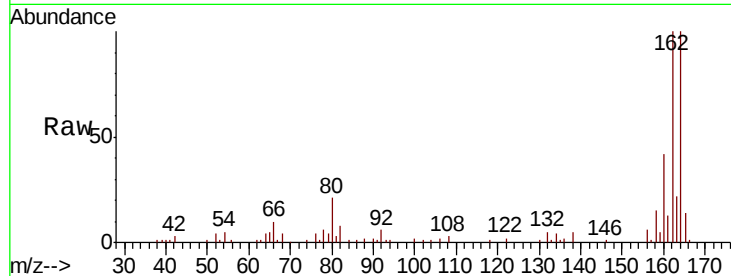
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.76 min Scan# 1305
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.7	81.8	122.6
160	42.4	34.4	51.6

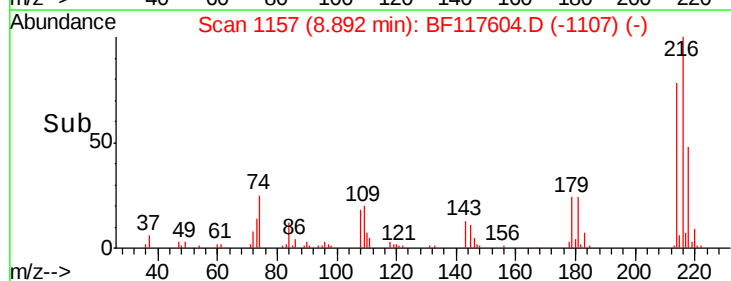
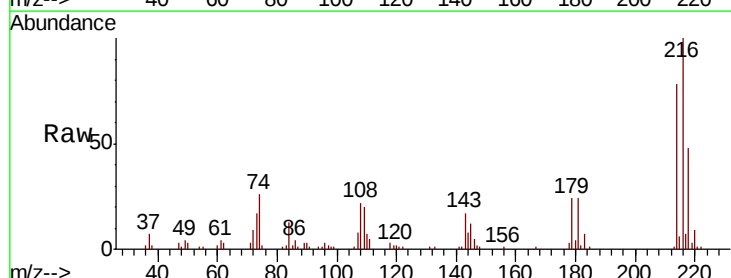
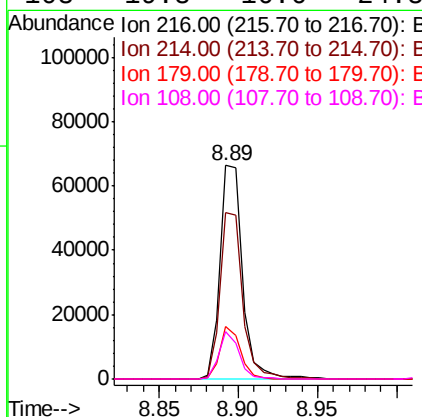
Manual Integrations
APPROVED

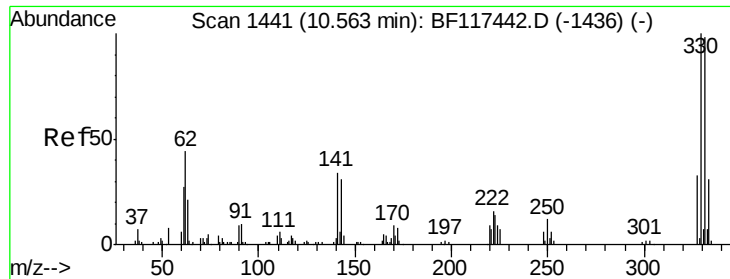
mohammad
10/30/2019 4:53:20 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.240 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.5	62.4	93.6
179	22.2	18.1	27.1
108	19.8	16.6	24.8





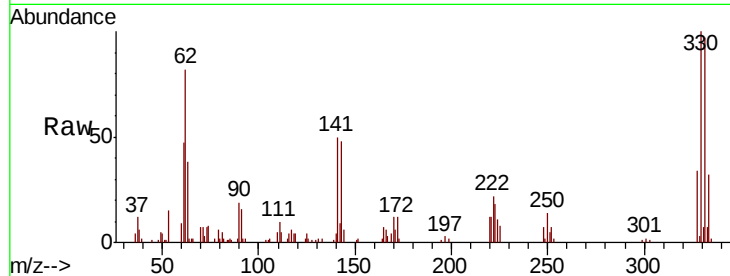
#42
 2,4,6-Tribromophenol
 Concen: 77.041 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

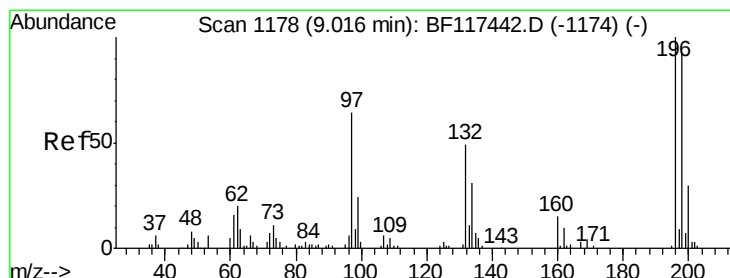
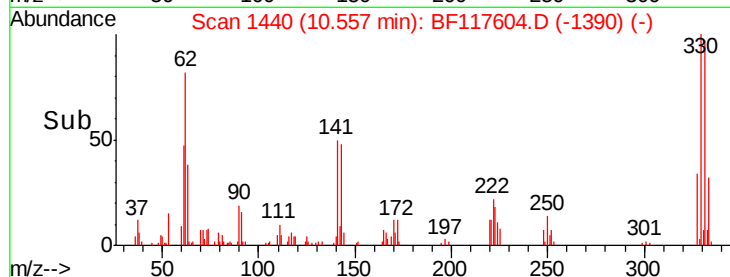
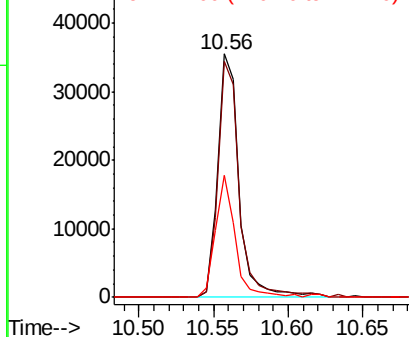
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	78.5	117.7
141	45.9	37.0	55.6

Manual Integrations
 APPROVED

mohammad
 10/30/2019 4:53:20 PM



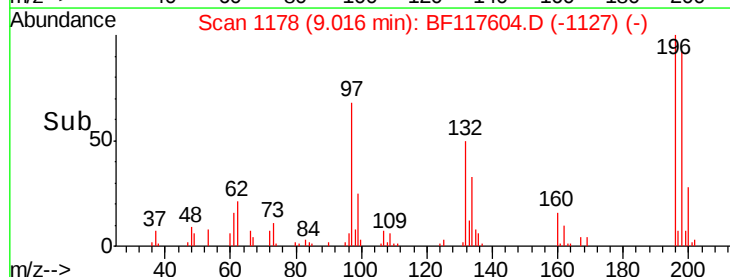
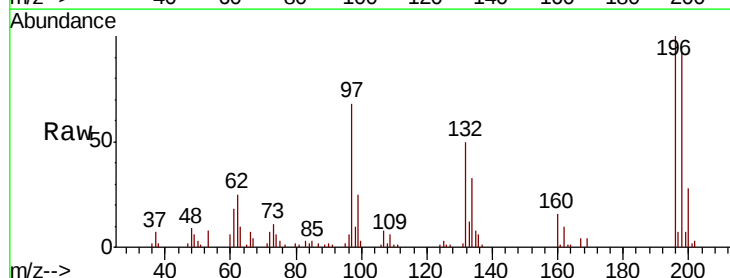
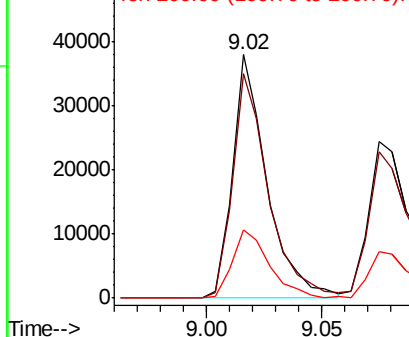
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

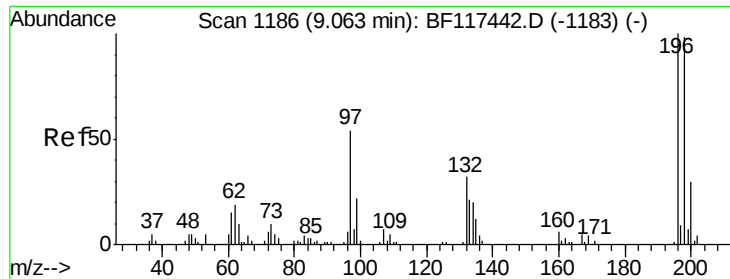


#43
 2,4,6-Trichlorophenol
 Concen: 43.390 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
196	100		
198	92.0	74.1	111.1
200	28.0	23.9	35.9

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





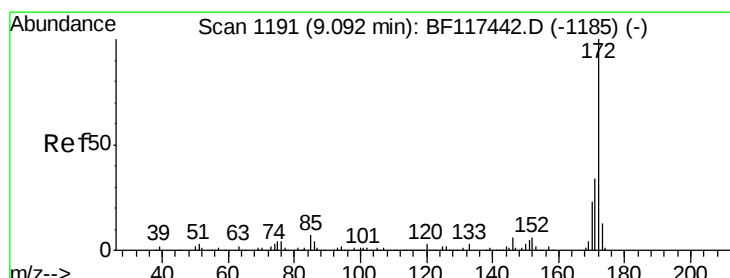
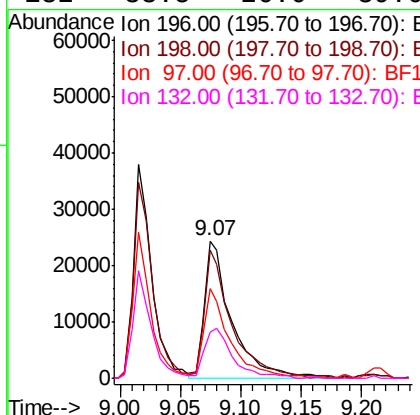
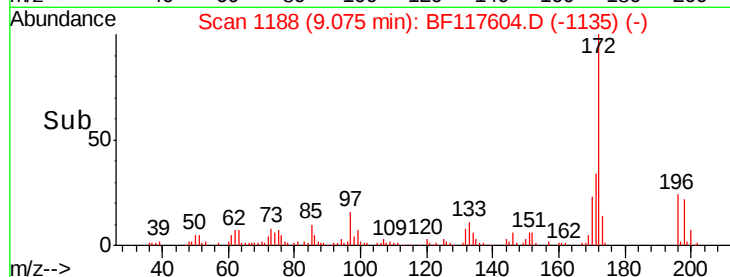
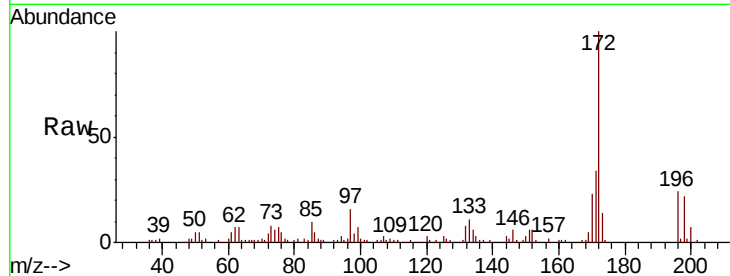
#44
 2,4,5-Trichlorophenol
 Concen: 41.659 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. 0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
196	100		38234		
198	93.5	78.6	117.8		
97	65.4	43.4	65.2#		
132	33.5	26.0	39.0		

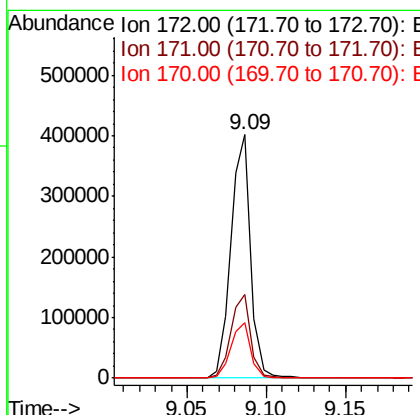
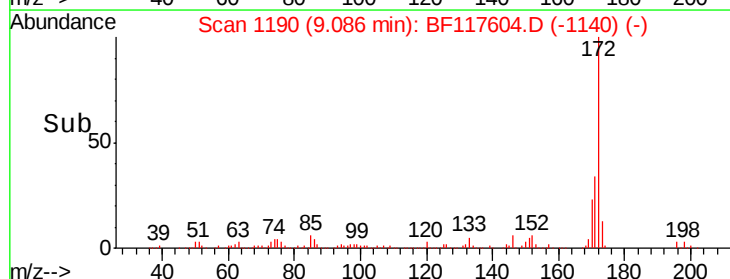
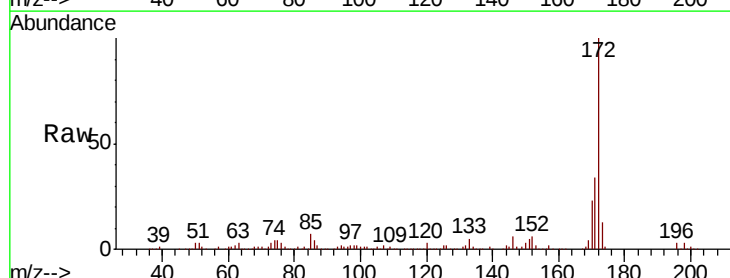
Manual Integrations
 APPROVED

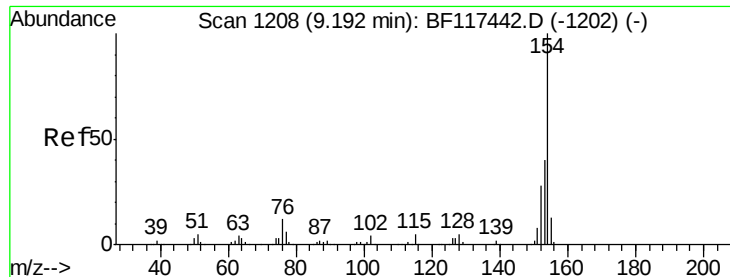
mohammad
 10/30/2019 4:53:20 PM



#45
 2-Fluorobiphenyl
 Concen: 90.733 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
172	100		345799		
171	34.4	27.5	41.3		
170	22.9	18.6	27.8		





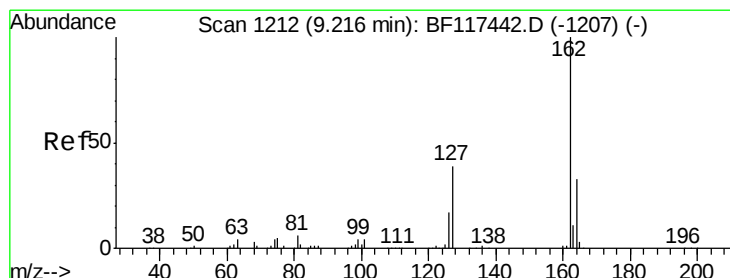
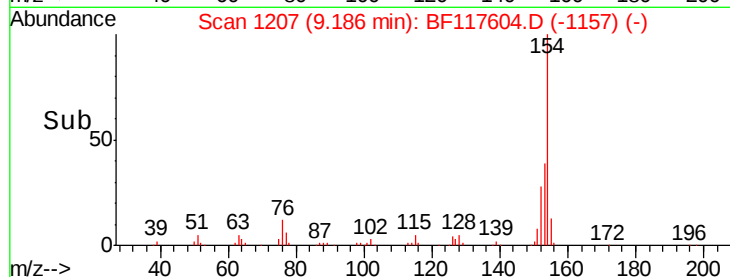
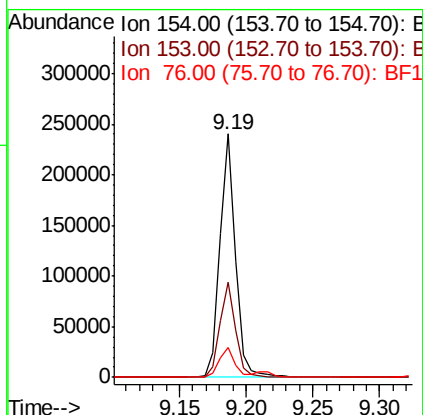
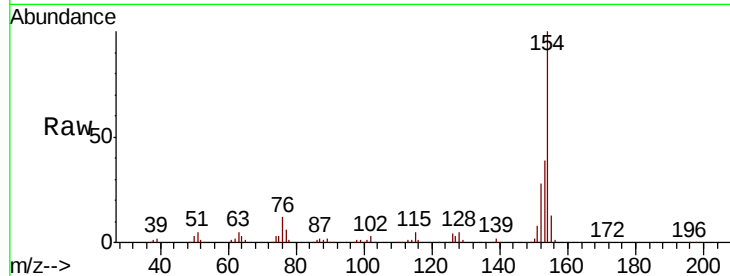
#46
 1,1'-Biphenyl
 Concen: 44.667 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTCCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.2	20.2	60.2
76	12.1	0.0	32.1

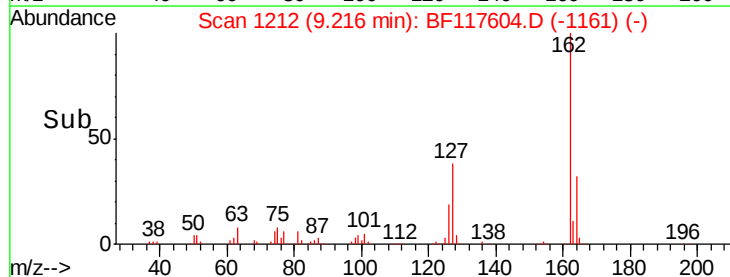
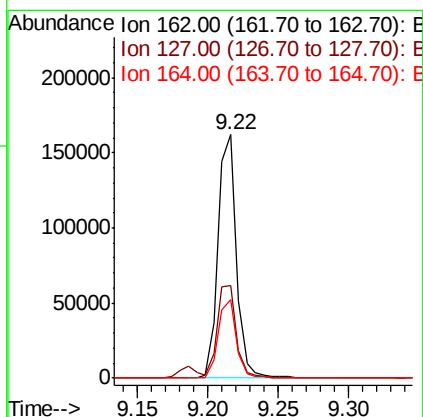
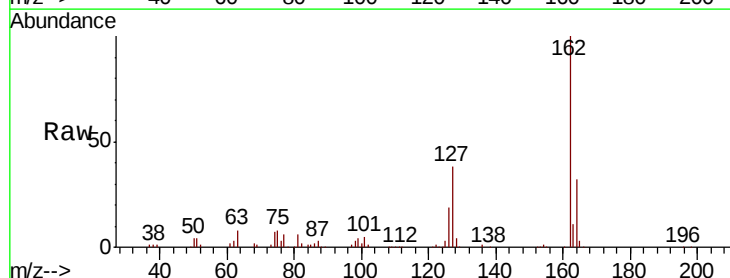
Manual Integrations
 APPROVED

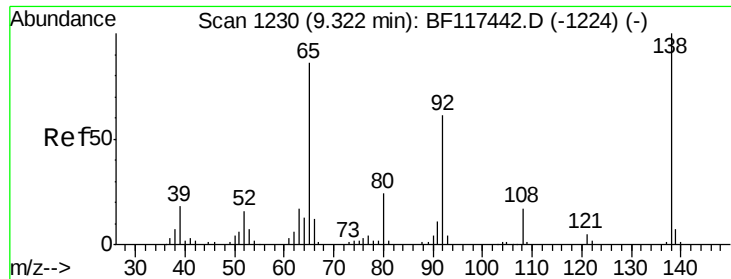
mohammad
 10/30/2019 4:53:20 PM



#47
 2-Chloronaphthalene
 Concen: 44.080 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.0	34.2	51.4
164	32.4	26.4	39.6





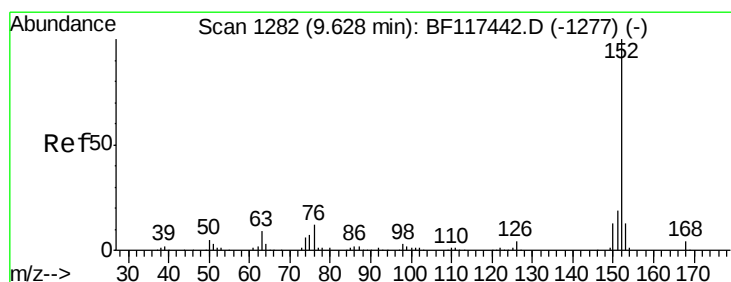
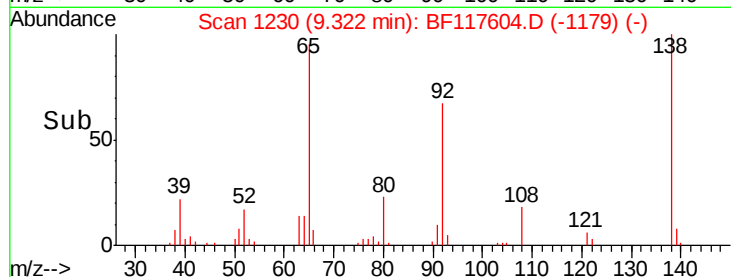
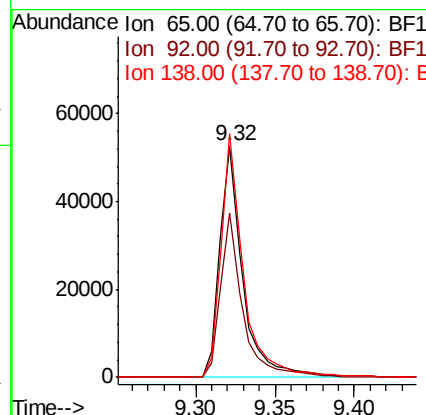
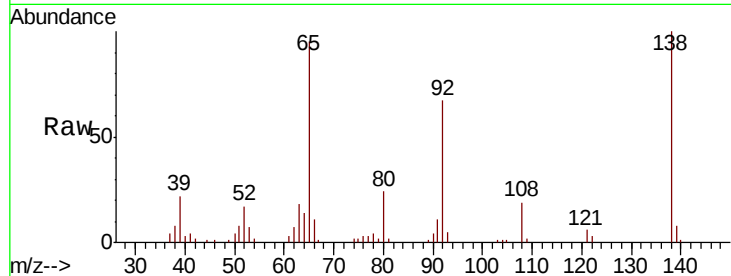
#48
 2-Nitroaniline
 Concen: 48.127 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
65	100		
92	70.9	57.3	85.9
138	105.5	93.3	139.9

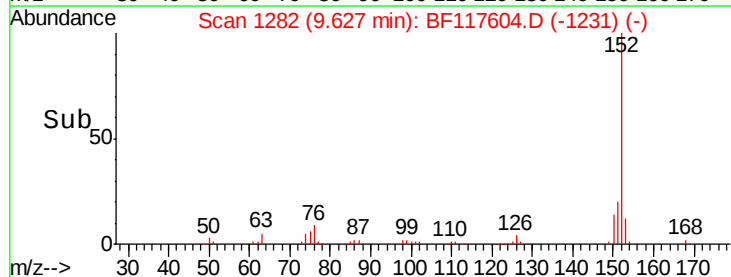
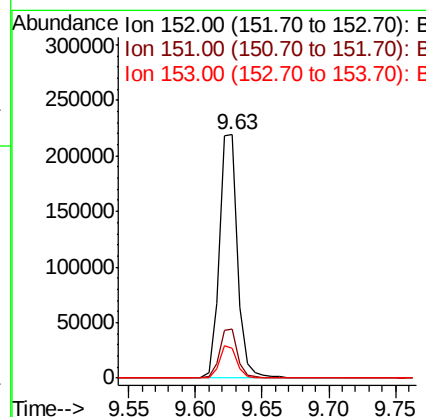
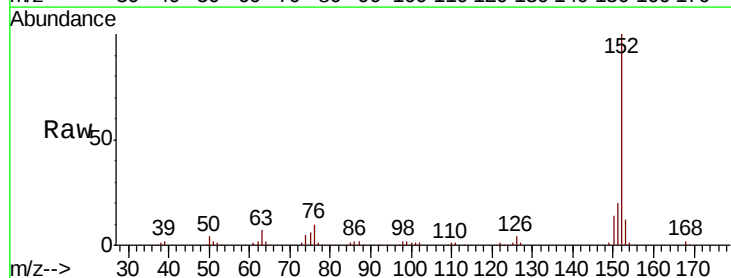
Manual Integrations
 APPROVED

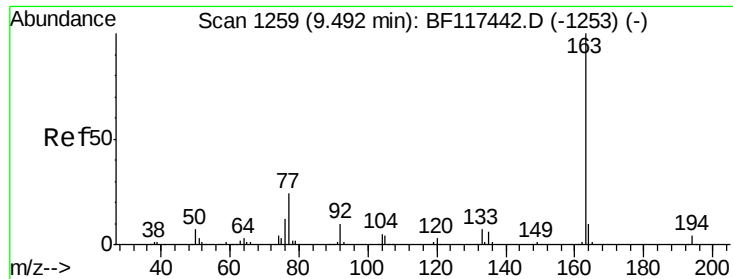
mohammad
 10/30/2019 4:53:20 PM



#49
 Acenaphthylene
 Concen: 43.041 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.4	23.0
153	12.5	10.3	15.5





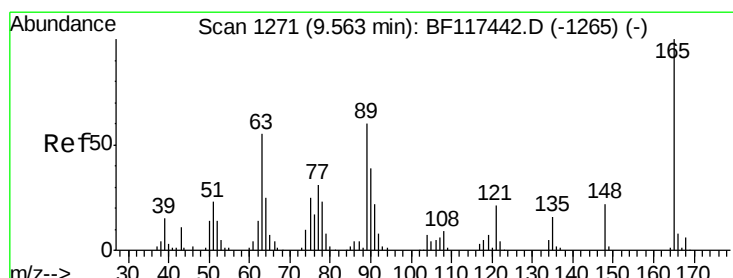
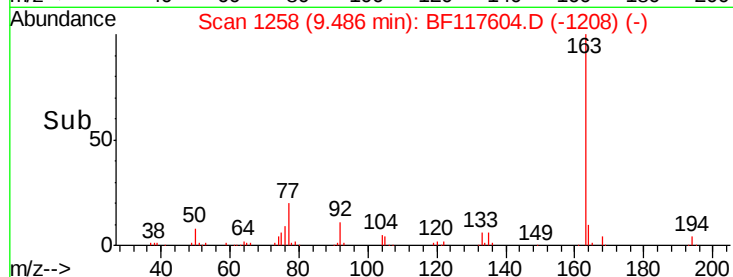
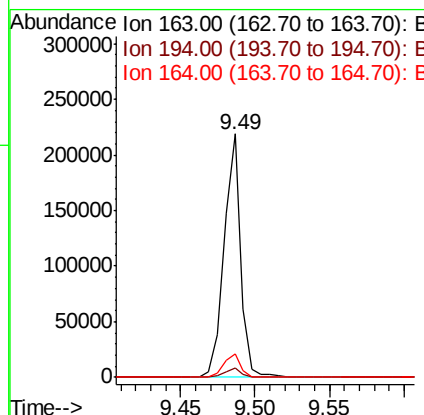
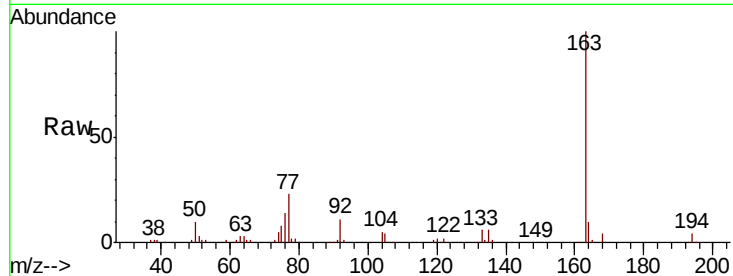
#50
Dimethylphthalate
Concen: 45.041 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.8	2.9	4.3	
164	9.5	8.2	12.2	

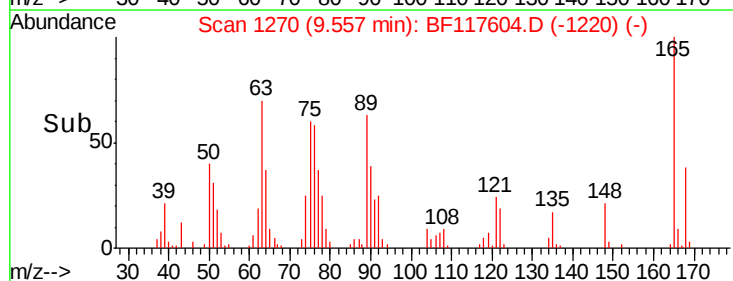
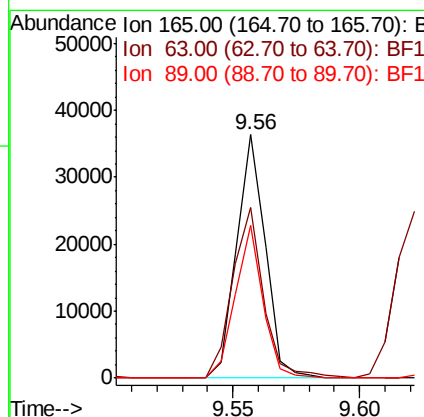
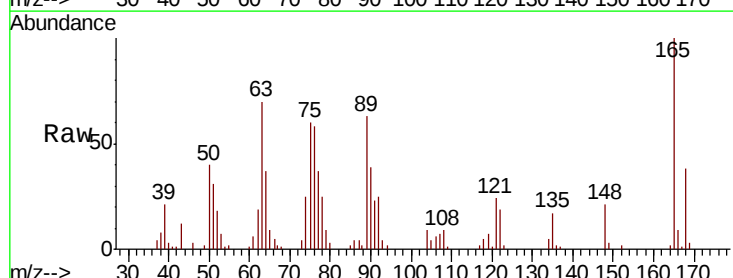
Manual Integrations
APPROVED

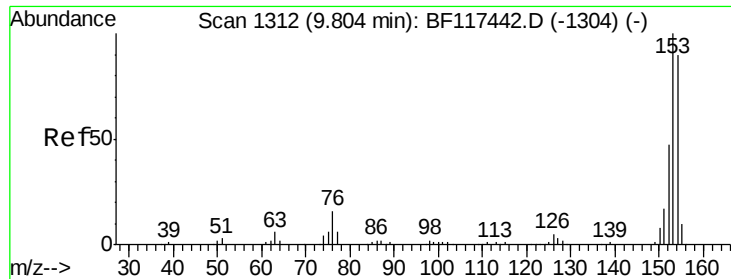
mohammad
10/30/2019 4:53:20 PM



#51
2,6-Dinitrotoluene
Concen: 35.516 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	69.9	43.8	65.8#	
89	62.7	47.6	71.4	





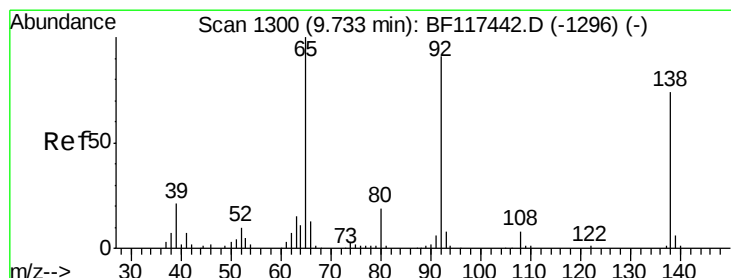
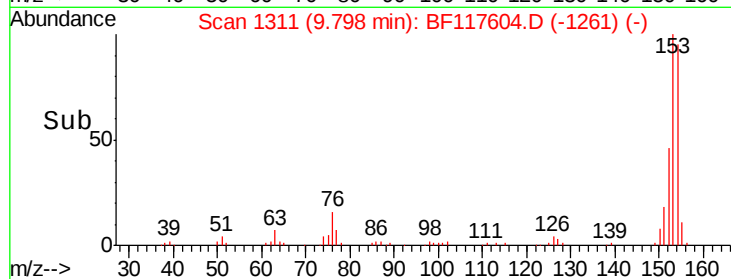
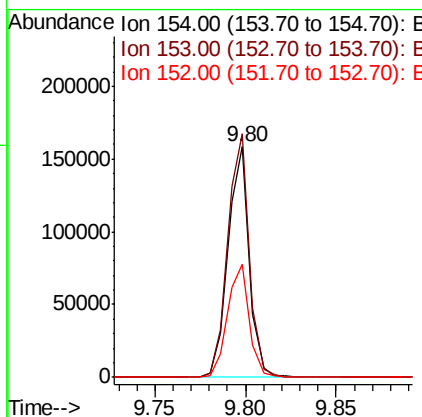
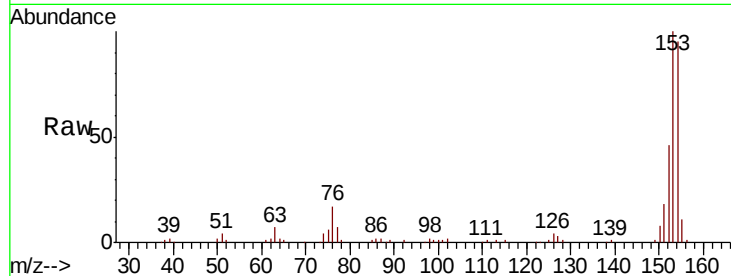
#52
Acenaphthene
Concen: 42.799 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
154	100		
153	105.7	89.2	133.8
152	49.0	41.8	62.6

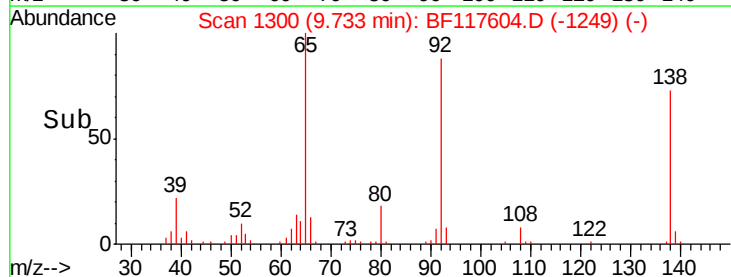
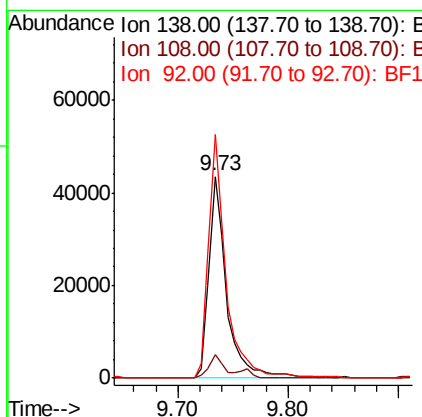
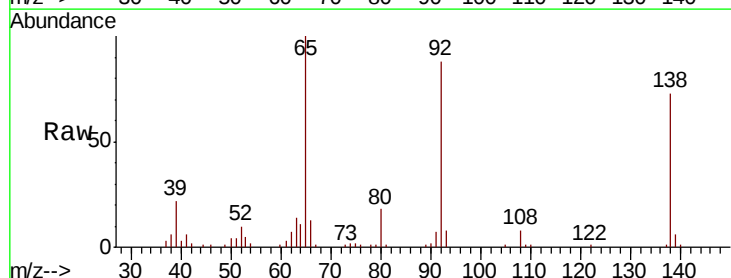
Manual Integrations
APPROVED

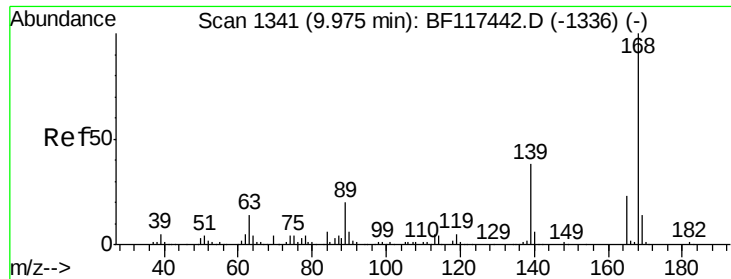
mohammad
10/30/2019 4:53:20 PM



#53
3-Nitroaniline
Concen: 48.718 ng
RT: 9.73 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
138	100		
108	11.5	8.7	13.1
92	120.9	98.4	147.6





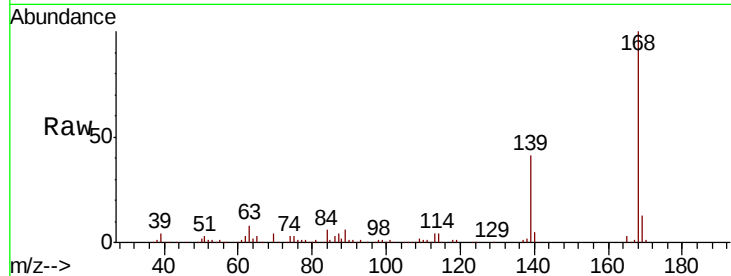
#55
Dibenzofuran
Concen: 42.049 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.3	31.8	47.6
169	13.0	11.2	16.8

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM

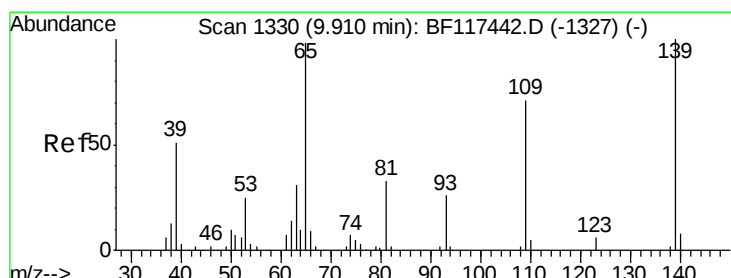
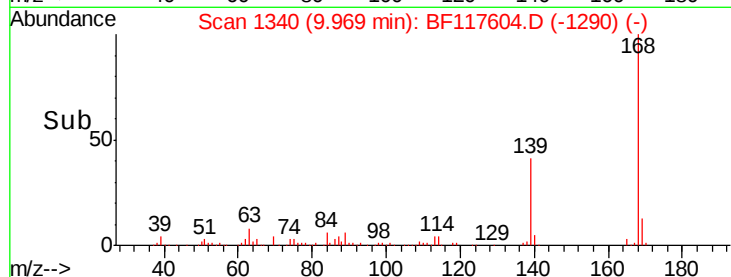
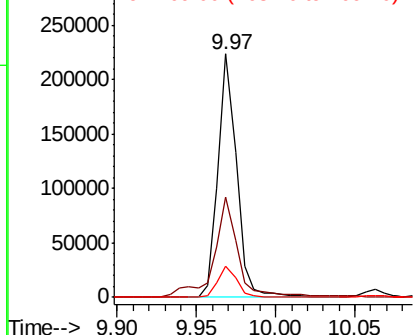


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 26.706 ng m
RT: 9.95 min Scan# 1336
Delta R.T. 0.04 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

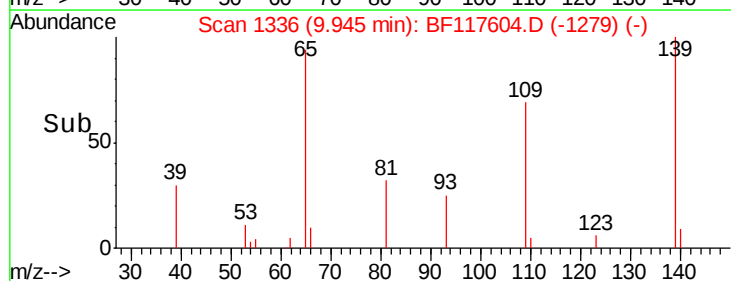
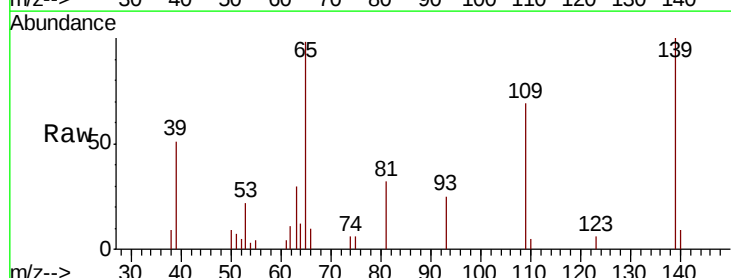
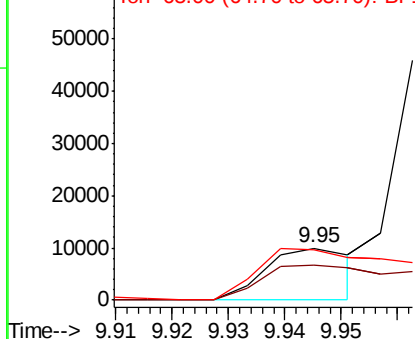
Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.6	51.4	91.4
65	98.1	79.4	119.4

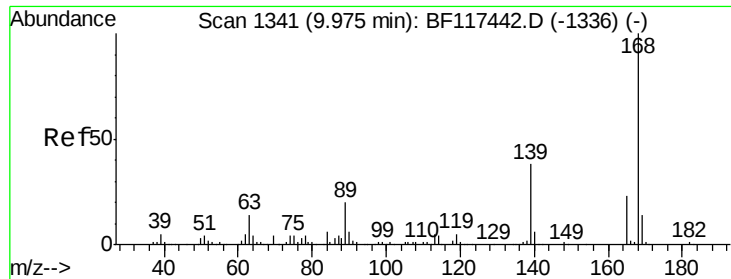
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





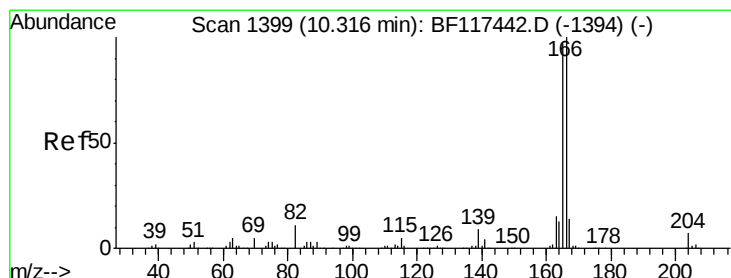
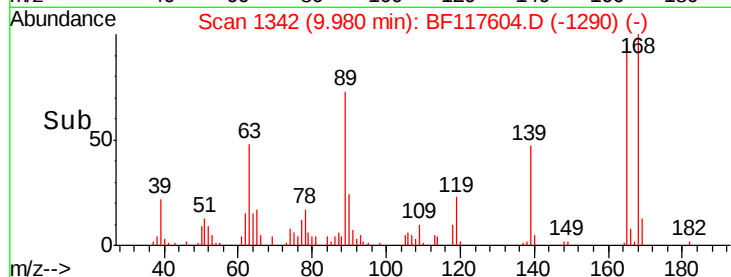
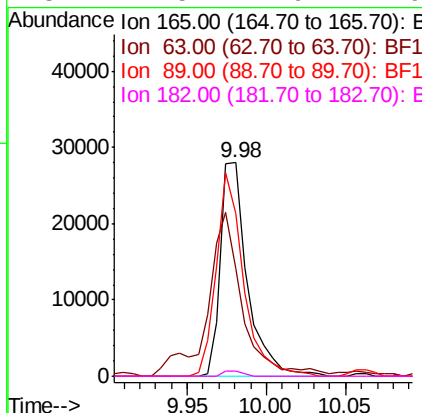
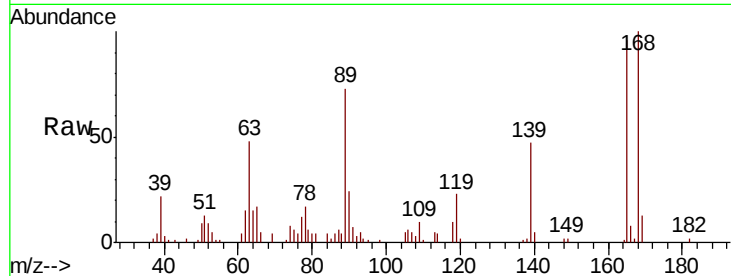
#57
 2,4-Dinitrotoluene
 Concen: 31.077 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
165	100		
63	50.2	51.4	77.0#
89	76.1	69.9	104.9
182	2.5	1.9	2.9

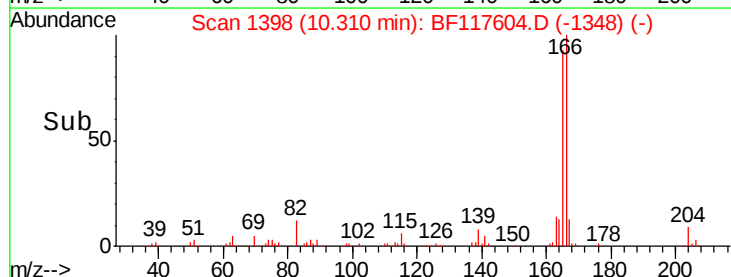
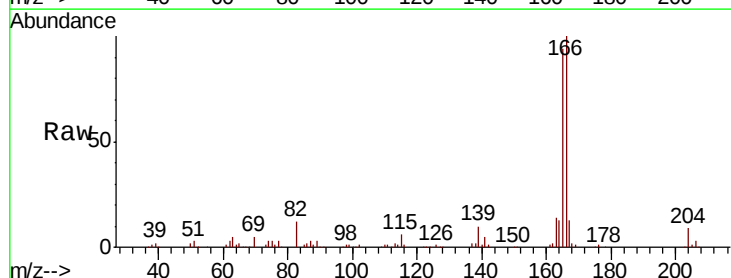
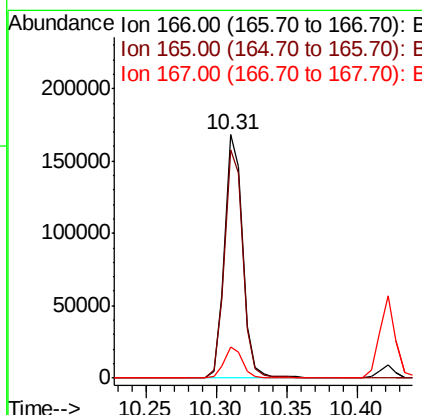
Manual Integrations
 APPROVED

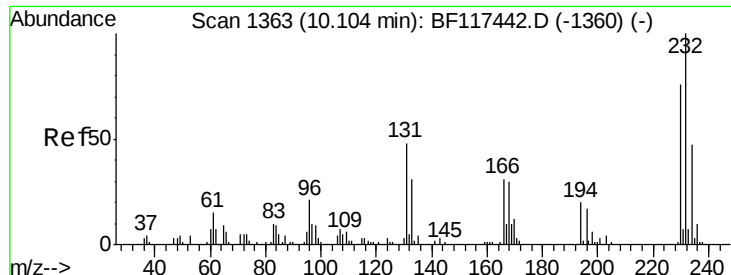
mohammad
 10/30/2019 4:53:20 PM



#58
 Fluorene
 Concen: 41.669 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
166	100		
165	93.8	77.6	116.4
167	13.0	11.0	16.4





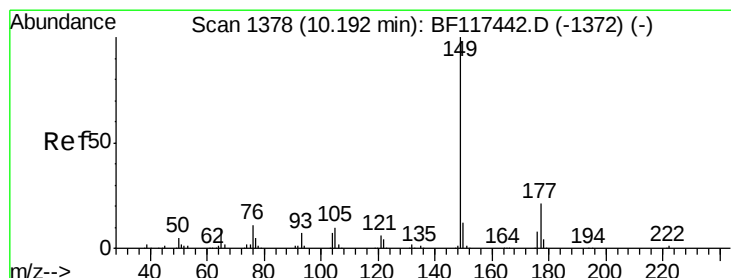
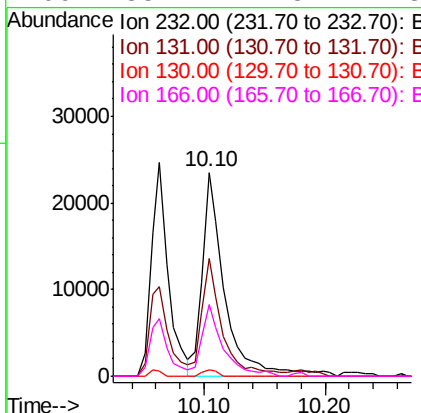
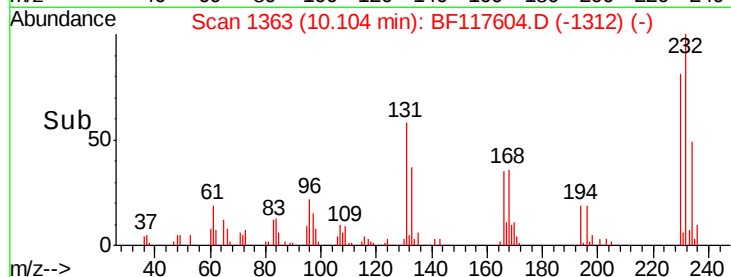
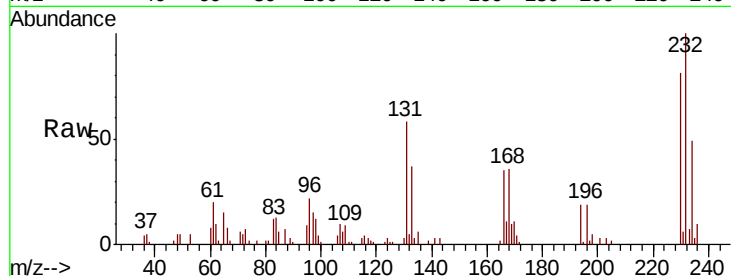
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.039 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
232	100		
131	52.2	42.6	63.8
130	1.9	2.2	3.4
166	33.2	27.5	41.3

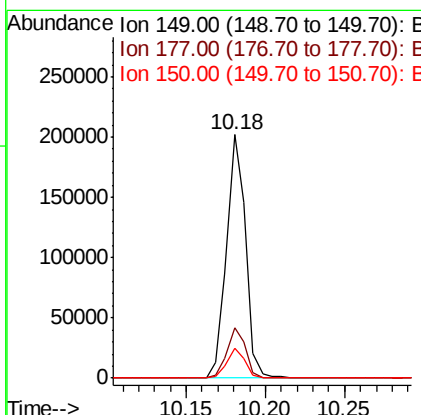
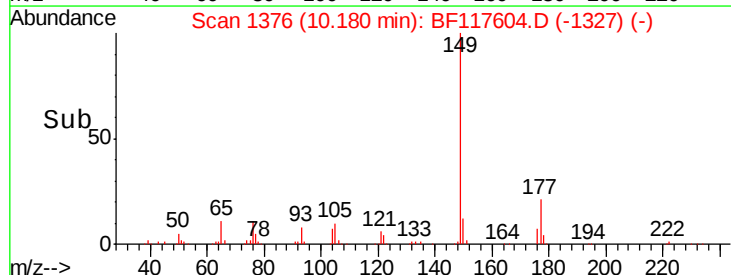
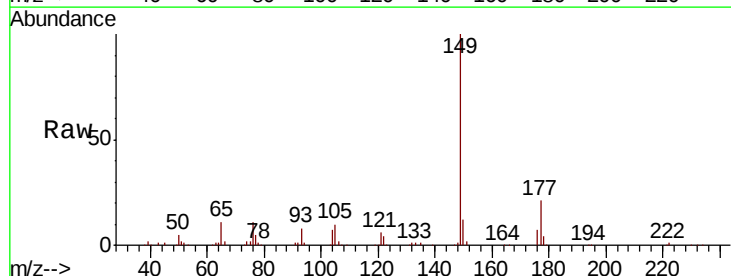
Manual Integrations
 APPROVED

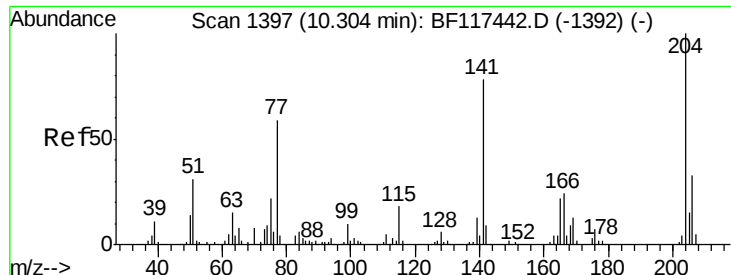
mohammad
 10/30/2019 4:53:20 PM



#60
 Diethylphthalate
 Concen: 43.390 ng
 RT: 10.18 min Scan# 1376
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.7	17.0	25.4
150	12.1	9.8	14.6





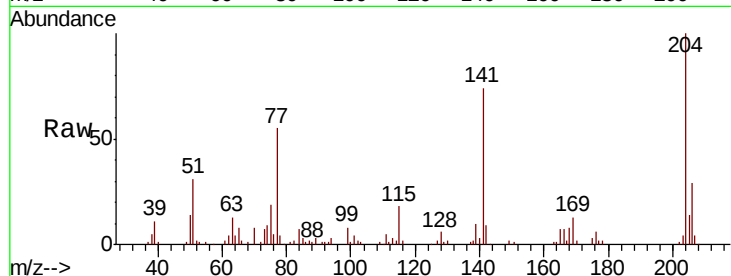
#61
4-Chlorophenyl-phenylether
Concen: 42.007 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	29.0	26.3	39.5
141	73.8	62.2	93.4

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM

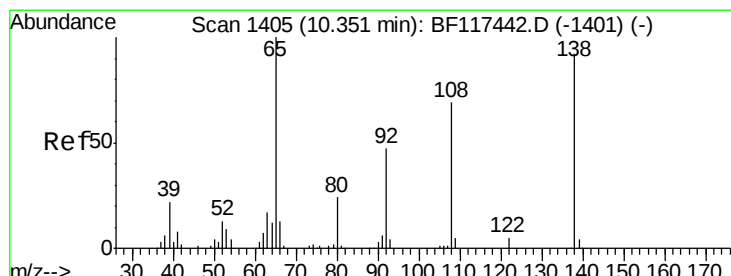
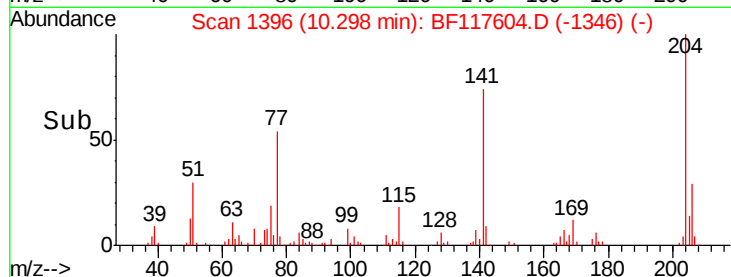
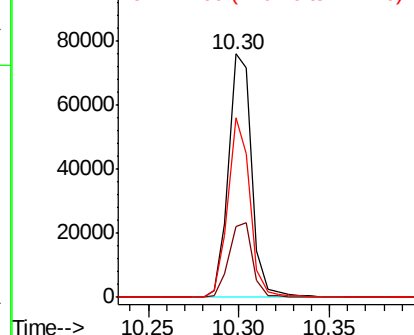


Abundance

Ion 204.00 (203.70 to 204.70): E

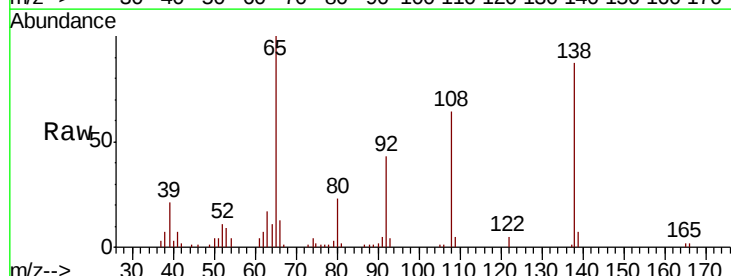
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 53.683 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	30.3	70.3
108	74.0	54.9	94.9

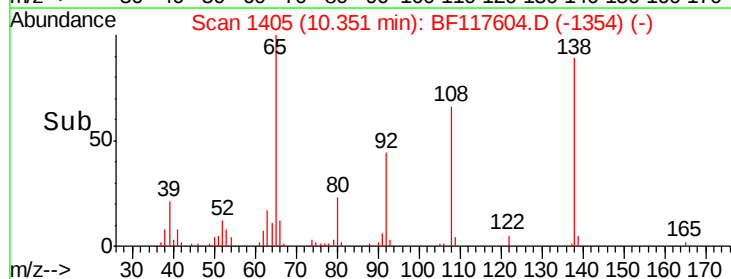
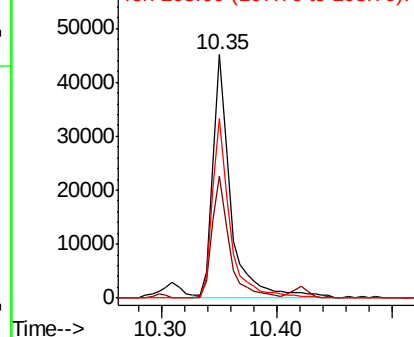


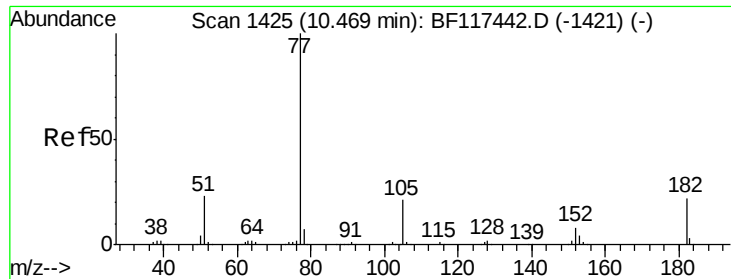
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 40.955 ng

RT: 10.46 min Scan# 1424

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

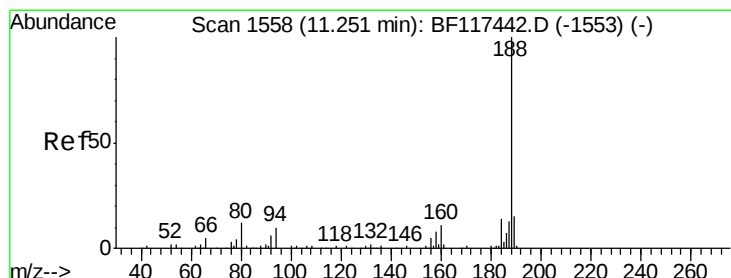
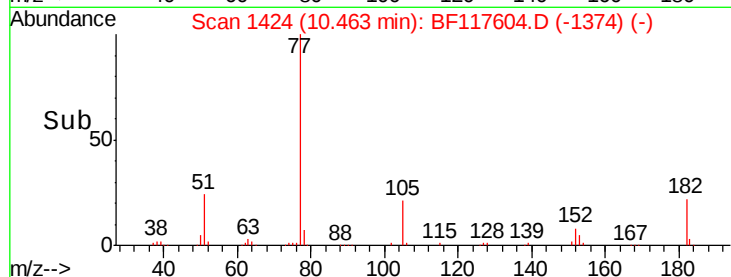
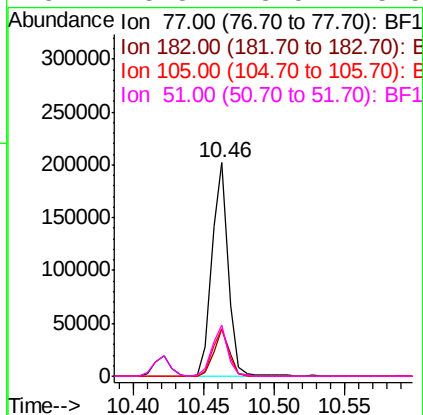
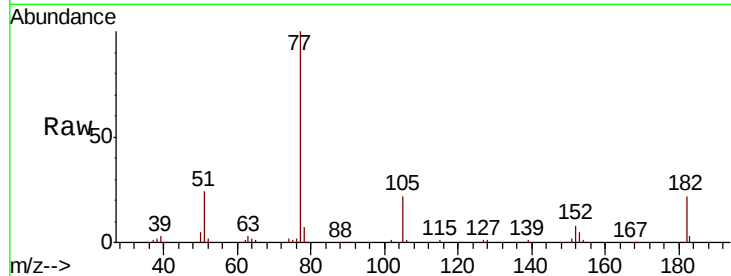
ClientSampleId :

SSTDCCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.1	2.3	42.3
105	22.0	1.3	41.3
51	23.8	3.5	43.5

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM



#64

Phenanthrene-d10

Concen: 20.000 ng

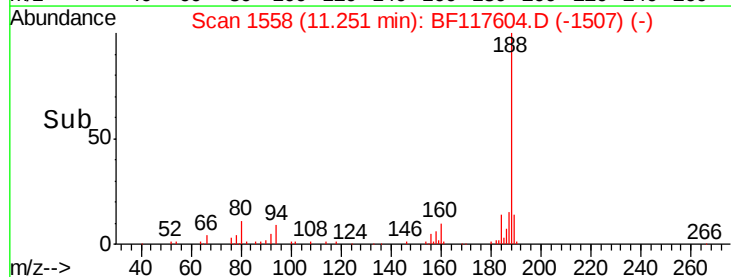
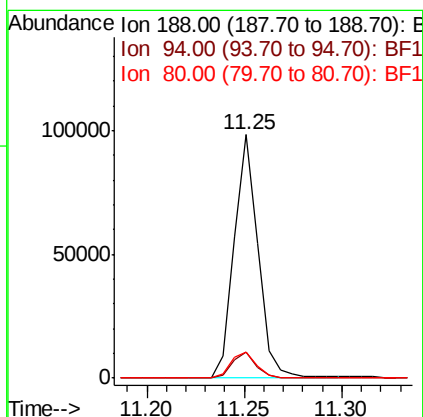
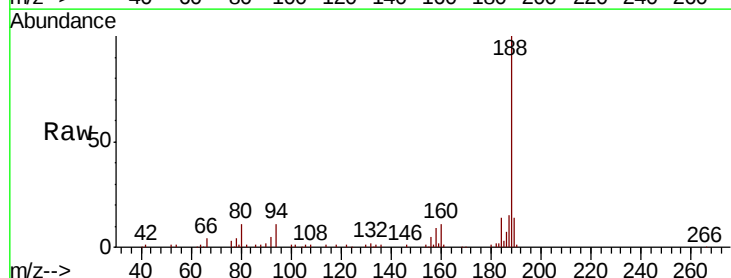
RT: 11.25 min Scan# 1558

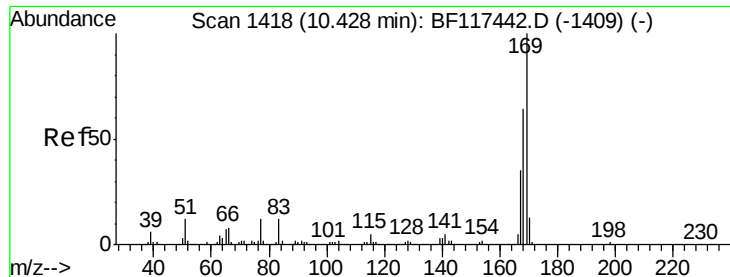
Delta R.T. -0.00 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.0	12.0
80	10.9	9.5	14.3





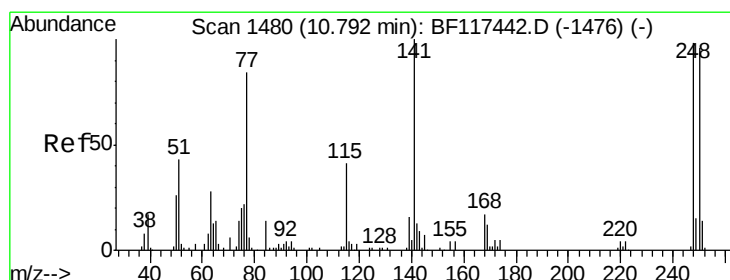
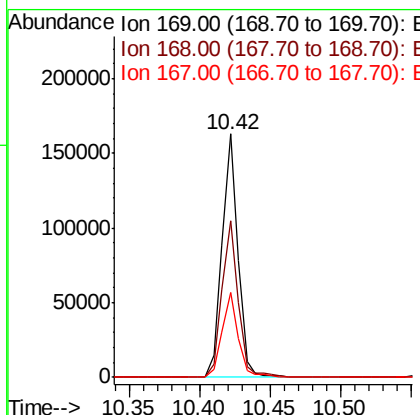
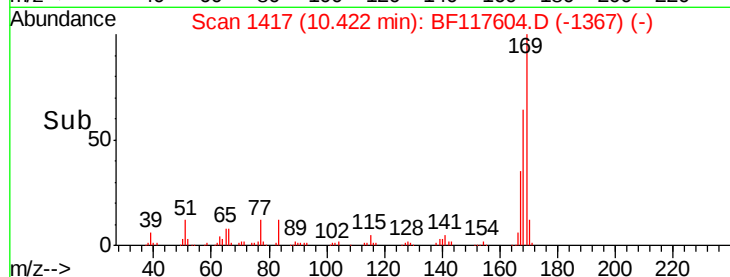
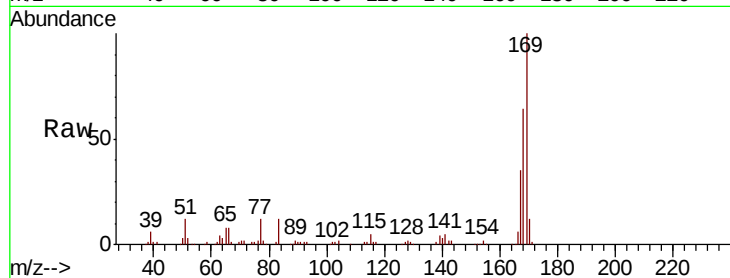
#66
 n-Nitrosodiphenylamine
 Concen: 41.827 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
169	100		
168	64.4	51.3	76.9
167	34.6	28.2	42.4

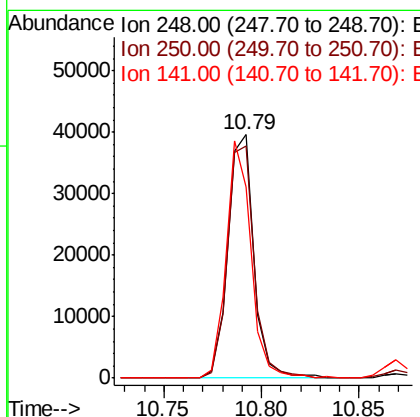
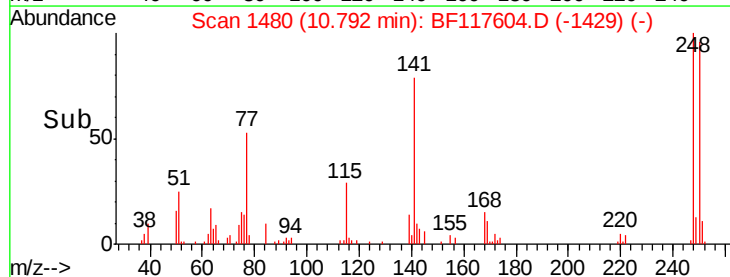
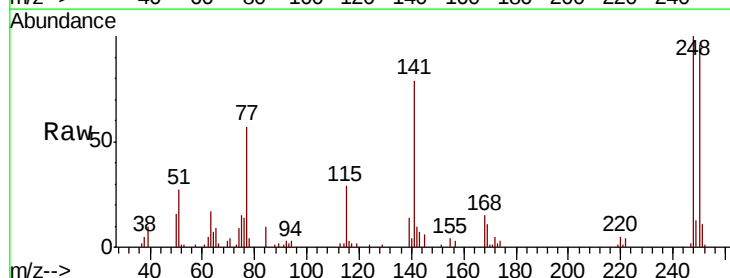
Manual Integrations
 APPROVED

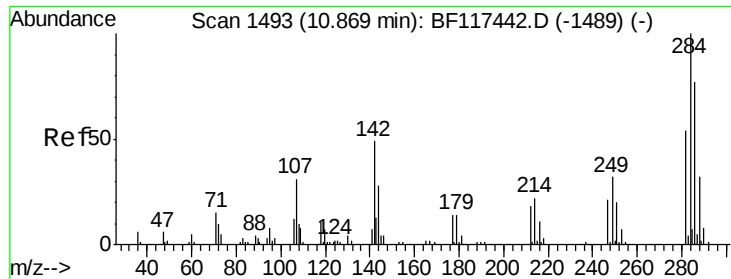
mohammad
 10/30/2019 4:53:20 PM



#67
 4-Bromophenyl-phenylether
 Concen: 40.467 ng
 RT: 10.79 min Scan# 1480
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
248	100		
250	95.5	78.0	117.0
141	78.6	81.7	122.5





#68

Hexachlorobenzene

Concen: 40.465 ng

RT: 10.87 min Scan# 1493

Delta R.T. -0.00 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

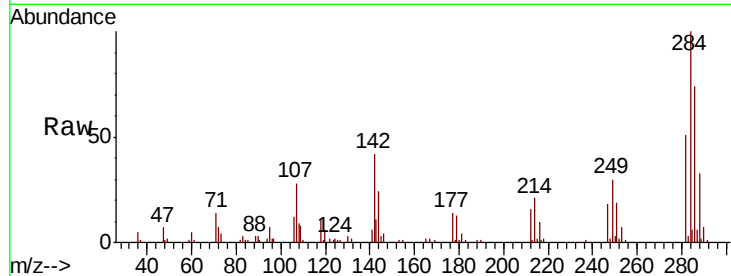
ClientSampleId :

SSTDCCC040

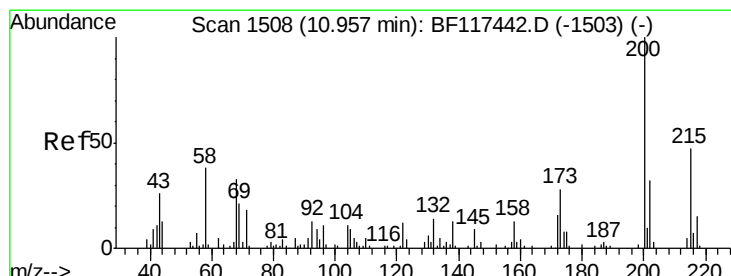
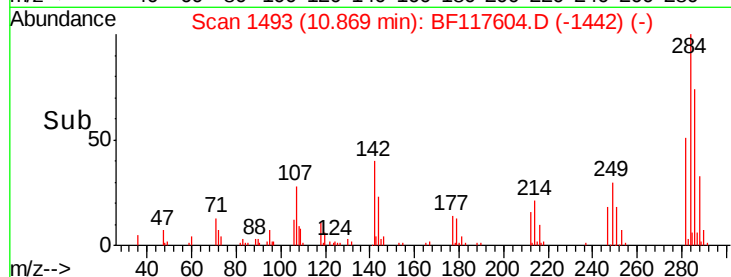
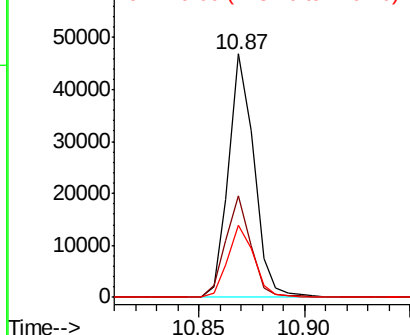
Tot Ion:	284	Resp:	39131
Ion Ratio	Lower	Upper	
284	100		
142	41.8	39.0	58.6
249	29.8	25.7	38.5

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E



#69

Atrazine

Concen: 21.098 ng

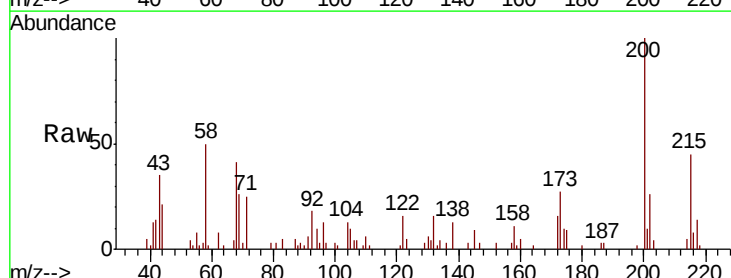
RT: 10.95 min Scan# 1506

Delta R.T. -0.01 min

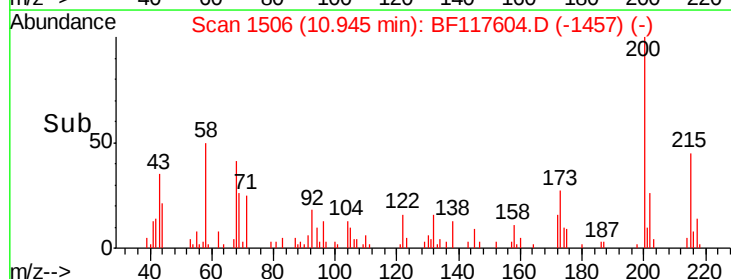
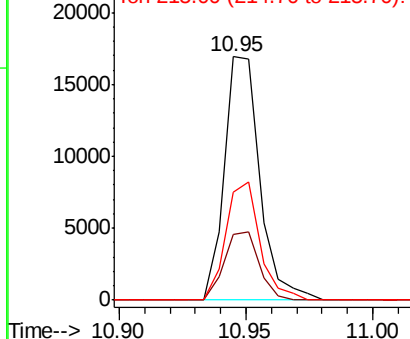
Lab File: BF117604.D

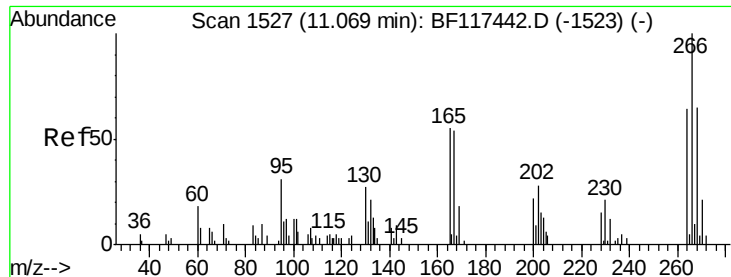
Acq: 29 Oct 2019 22:06

Tgt Ion:	200	Resp:	16451
Ion Ratio	Lower	Upper	
200	100		
173	27.1	8.2	48.2
215	44.6	26.8	66.8



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





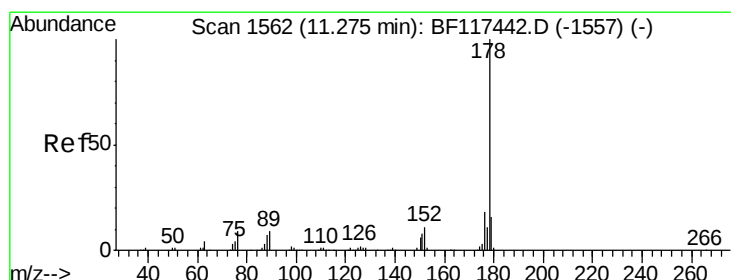
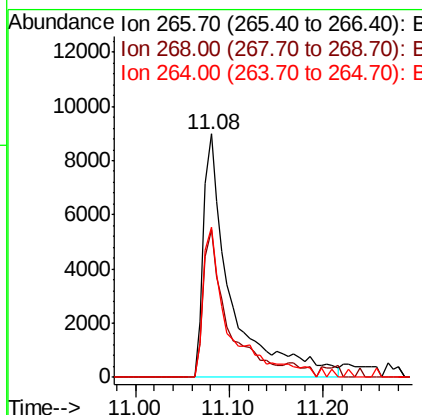
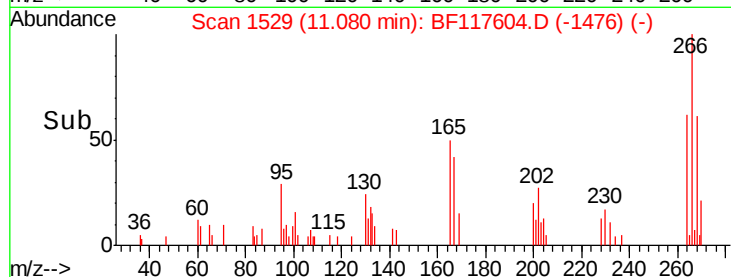
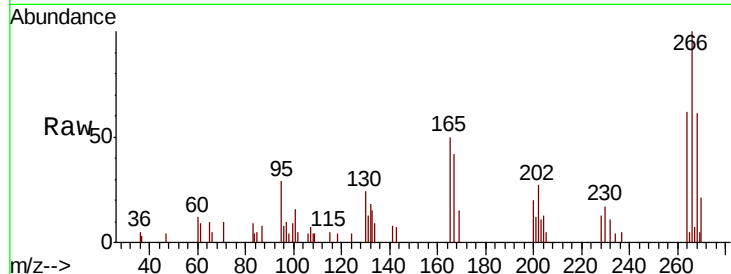
#70
 Pentachlorophenol
 Concen: 63.508 ng
 RT: 11.08 min Scan# 1529
 Delta R.T. 0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
266	100		
268	60.8	51.6	77.4
264	61.6	51.4	77.2

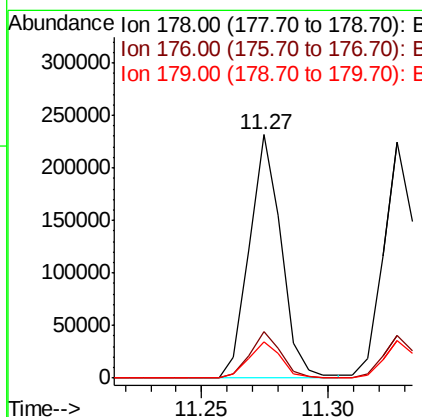
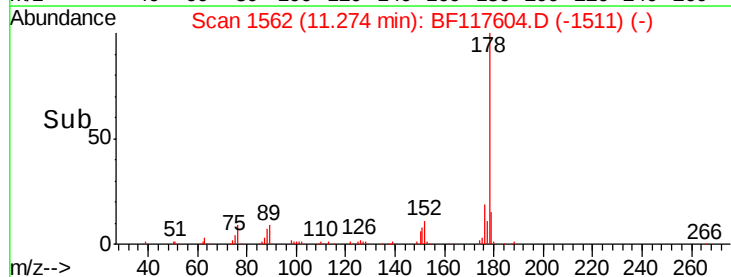
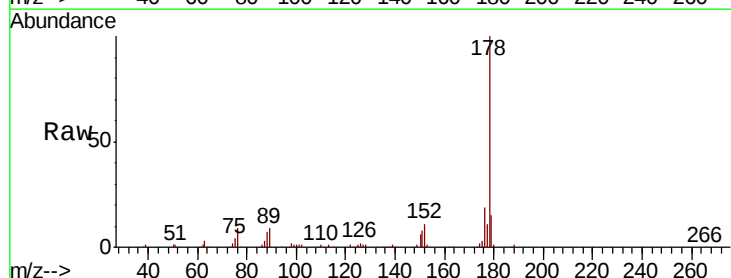
Manual Integrations
 APPROVED

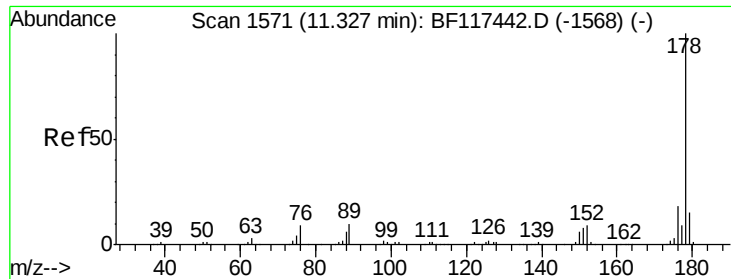
mohammad
 10/30/2019 4:53:20 PM



#71
 Phenanthrene
 Concen: 41.684 ng
 RT: 11.27 min Scan# 1562
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.6	22.0
179	15.1	12.6	19.0





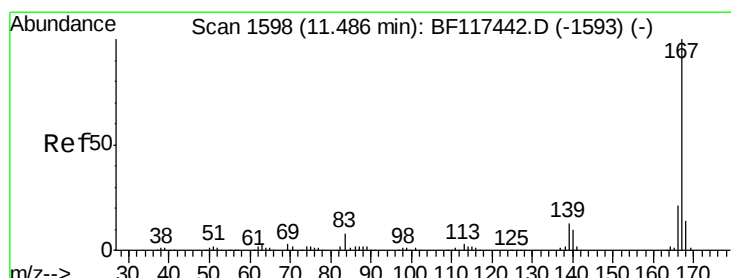
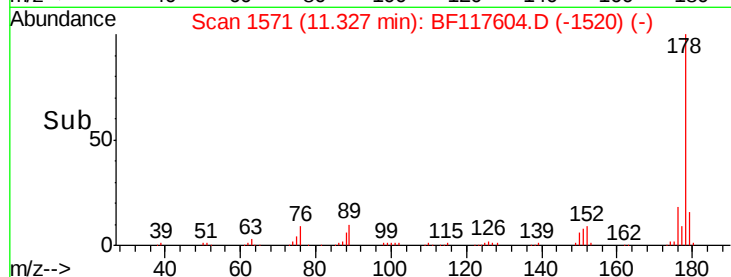
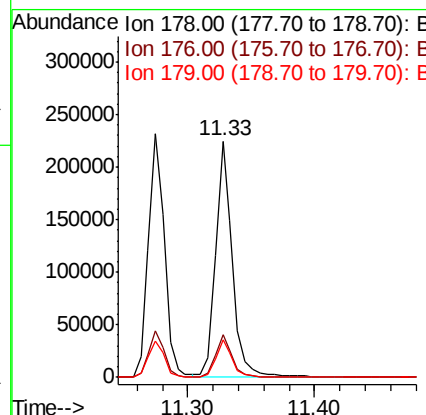
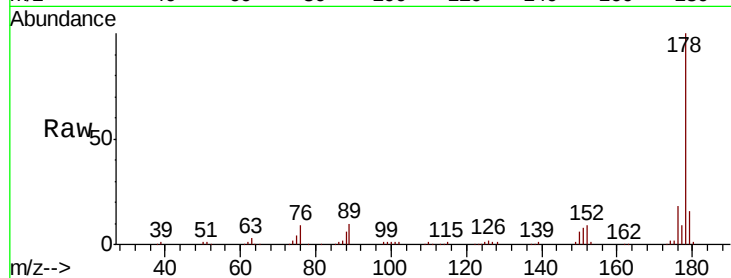
#72
 Anthracene
 Concen: 41.831 ng
 RT: 11.33 min Scan# 1571
 Delta R.T. -0.00 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.7	22.1
179	15.7	12.2	18.2

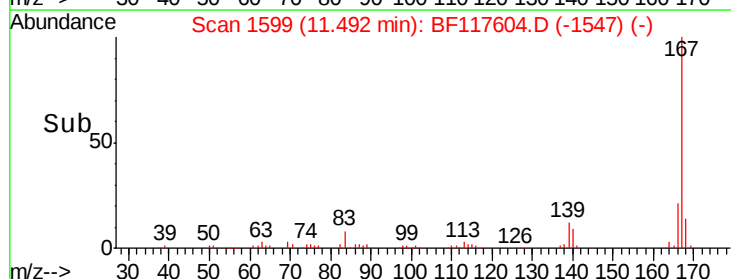
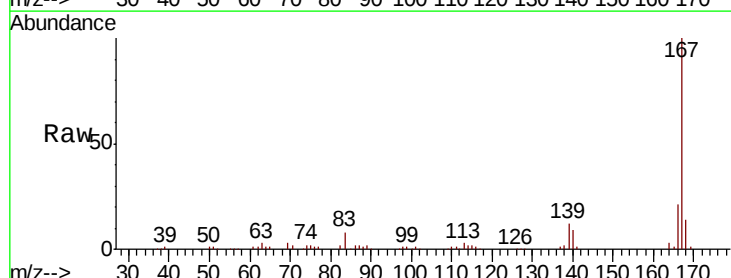
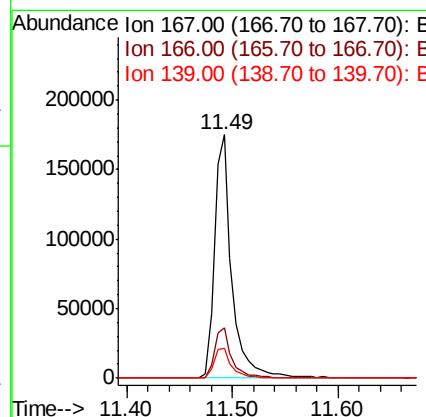
Manual Integrations
 APPROVED

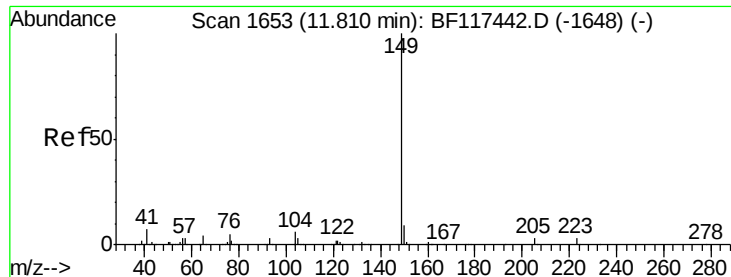
mohammad
 10/30/2019 4:53:20 PM



#73
 Carbazole
 Concen: 44.001 ng
 RT: 11.49 min Scan# 1599
 Delta R.T. 0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.1	10.6	16.0





#74

Di-n-butylphthalate

Concen: 42.601 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

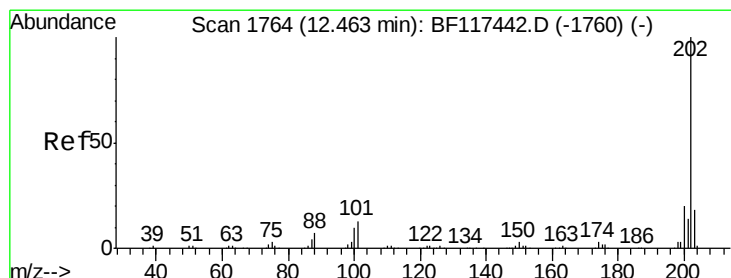
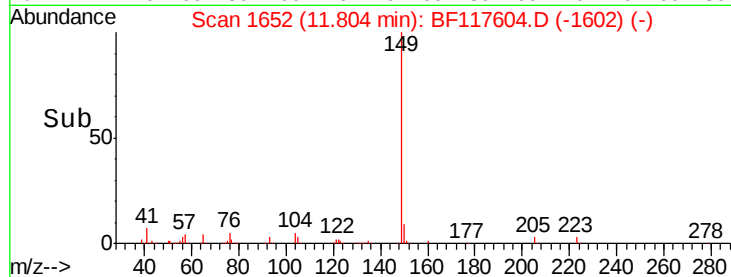
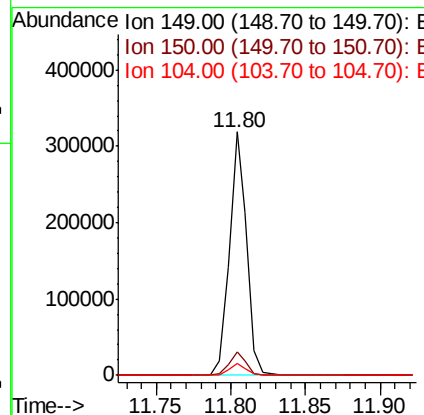
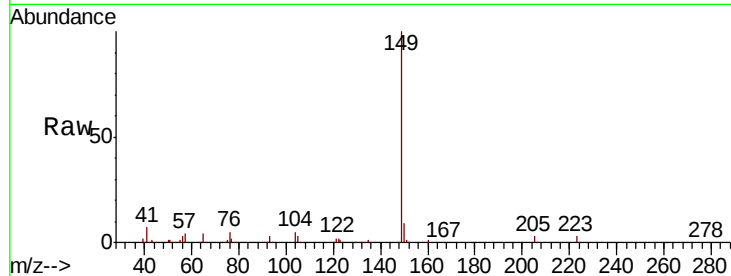
ClientSampleId :

SSTDCCC040

Tot Ion:	149	Resp:	259824
Ion Ratio	Lower	Upper	
149	100		
150	9.5	7.5	11.3
104	5.1	4.6	6.8

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM



#75

Fluoranthene

Concen: 44.063 ng

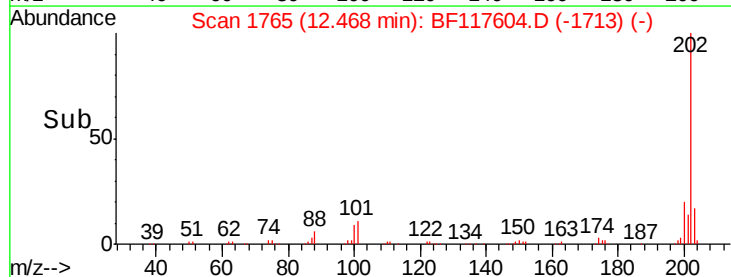
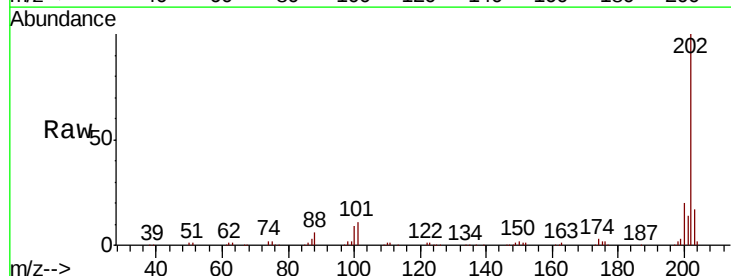
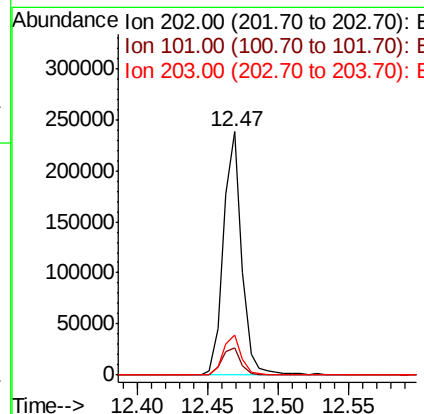
RT: 12.47 min Scan# 1765

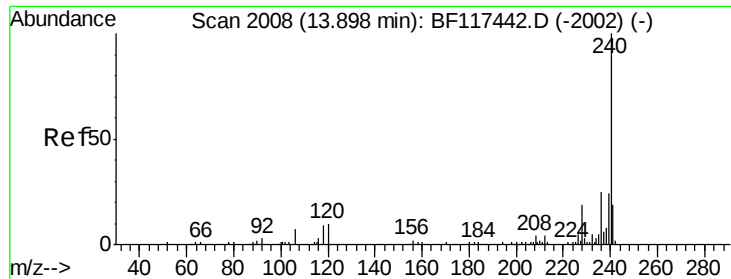
Delta R.T. 0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Tgt Ion:	202	Resp:	214726
Ion Ratio	Lower	Upper	
202	100		
101	11.3	0.0	32.7
203	16.5	0.0	37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.90 min Scan# 2008

Delta R.T. -0.00 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

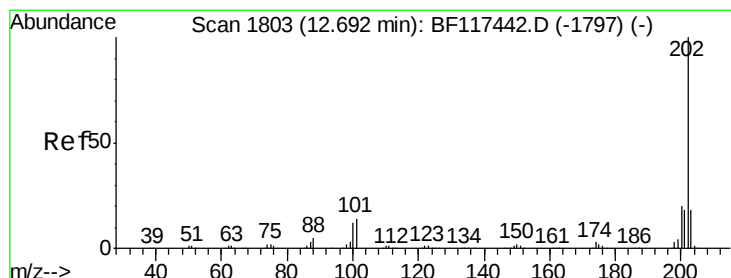
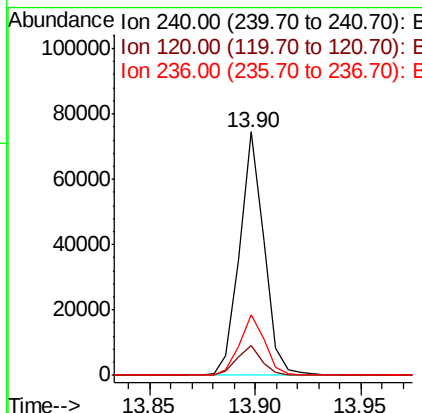
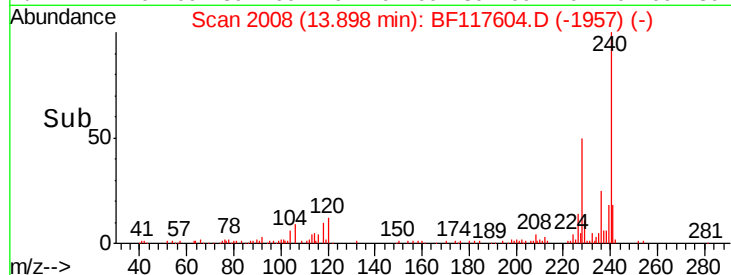
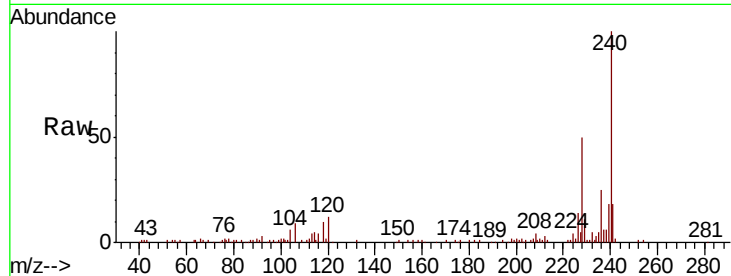
ClientSampleId :

SSTDCCC040

Tot Ion:	240	Resp:	59614
Ion Ratio	Lower	Upper	
240	100		
120	12.0	8.4	12.6
236	24.6	20.0	30.0

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM



#78

Pyrene

Concen: 41.856 ng

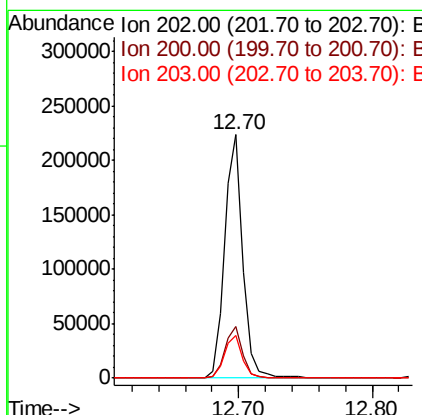
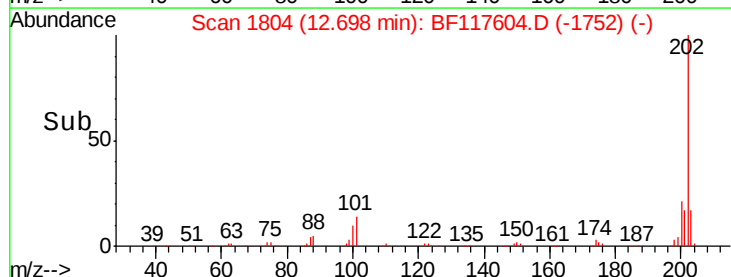
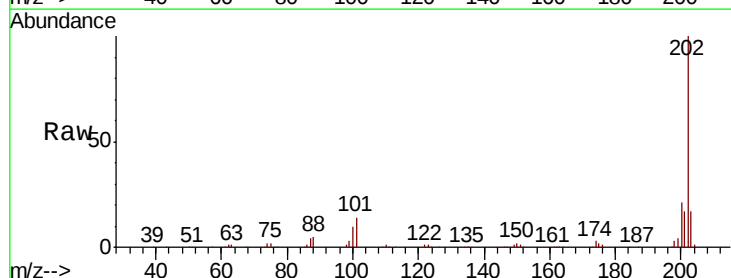
RT: 12.70 min Scan# 1804

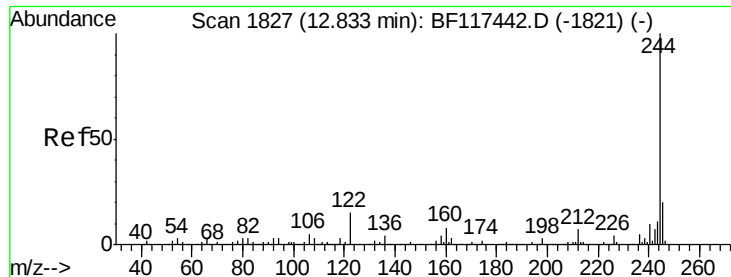
Delta R.T. 0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Tgt Ion:	202	Resp:	214323
Ion Ratio	Lower	Upper	
202	100		
200	21.2	16.2	24.2
203	17.4	14.0	21.0





#79

Terphenyl-d14

Concen: 83.775 ng

RT: 12.83 min Scan# 1827

Delta R.T. -0.00 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

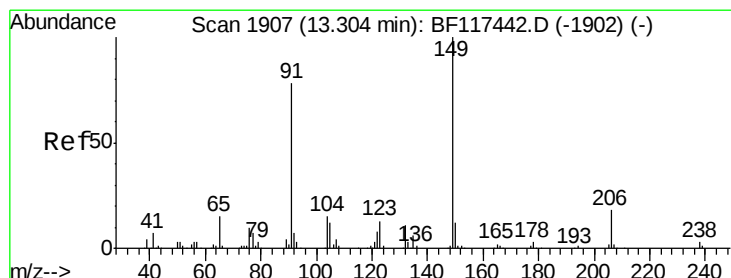
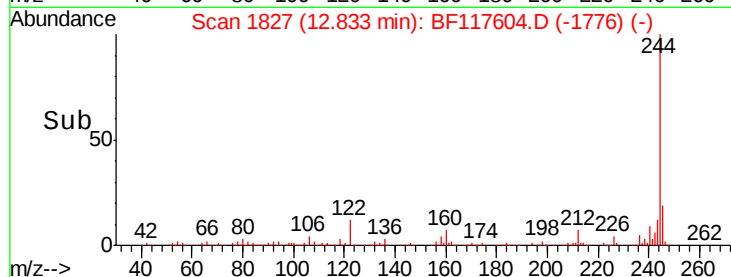
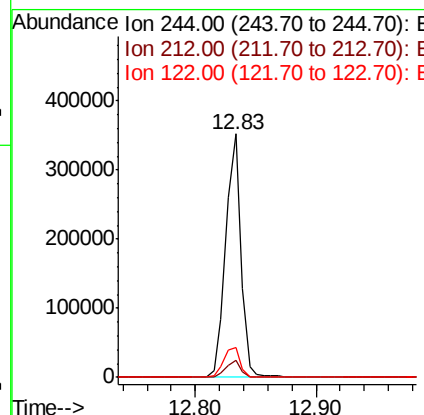
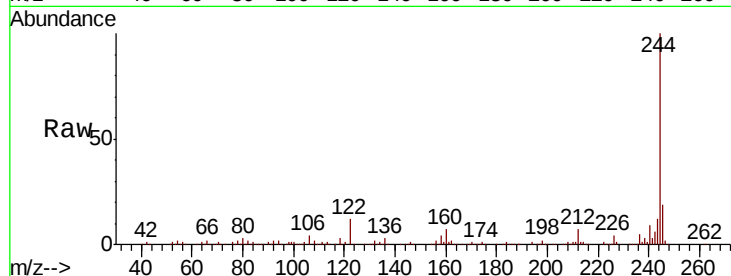
ClientSampleId :

SSTDCCC040

Tot Ion:	244	Resp:	306180
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.8	8.6
122	12.5	11.8	17.8

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM



#80

Butylbenzylphthalate

Concen: 43.632 ng

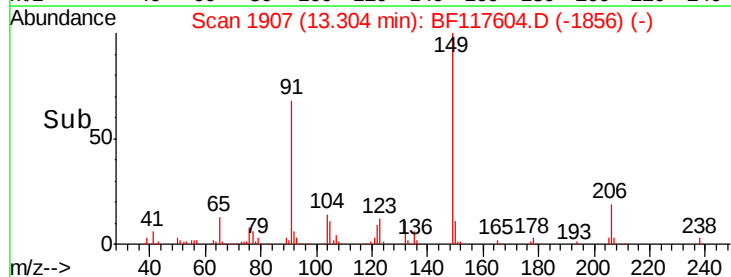
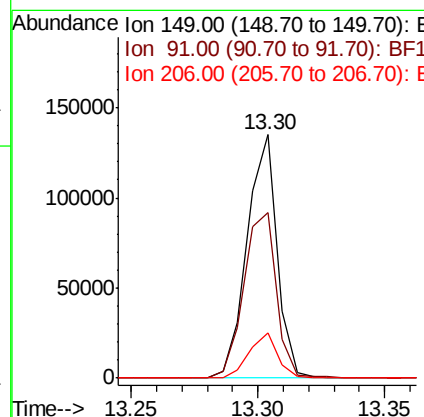
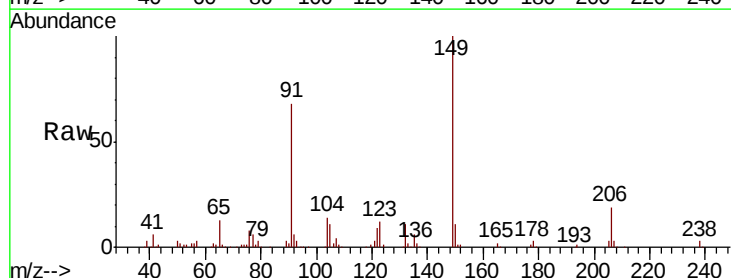
RT: 13.30 min Scan# 1907

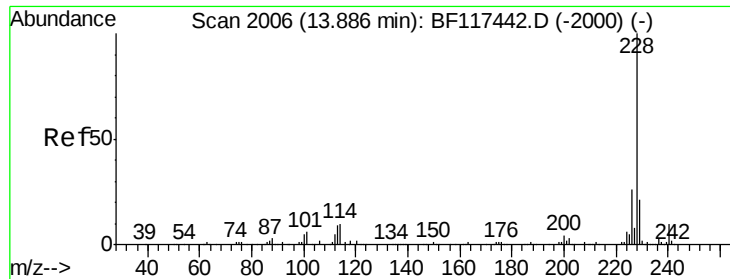
Delta R.T. -0.00 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Tgt Ion:	149	Resp:	111177
Ion Ratio		Lower	Upper
149	100		
91	68.1	62.1	93.1
206	18.5	14.3	21.5





#81

Benzo(a)anthracene

Concen: 40.669 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

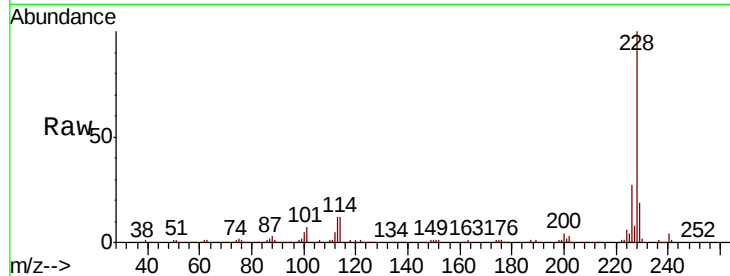
ClientSampleId :

SSTDCCC040

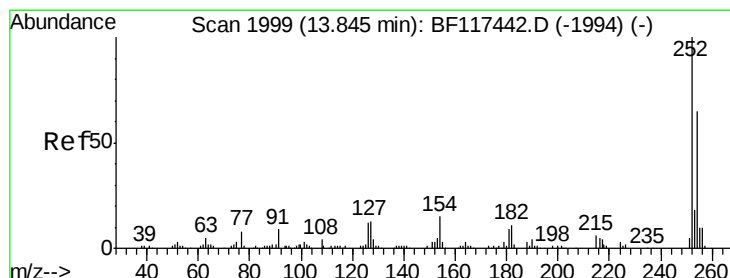
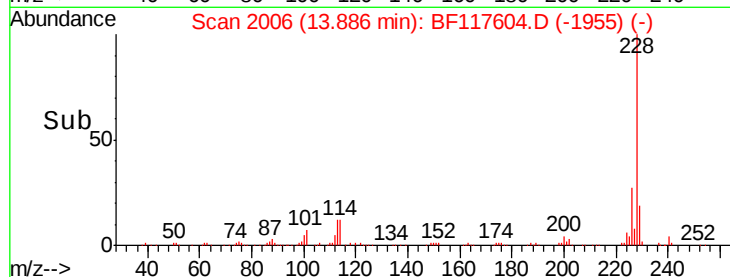
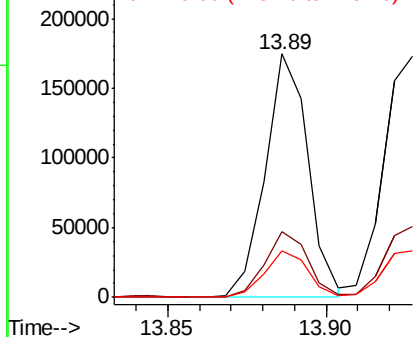
Tot Ion:	228	Resp:	163540
Ion Ratio	Lower	Upper	
228	100		
226	27.0	21.0	31.4
229	19.3	16.4	24.6

Manual Integrations
APPROVED

mohammad
10/30/2019 4:53:20 PM



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



#82

3,3'-Dichlorobenzidine

Concen: 51.185 ng

RT: 13.84 min Scan# 1999

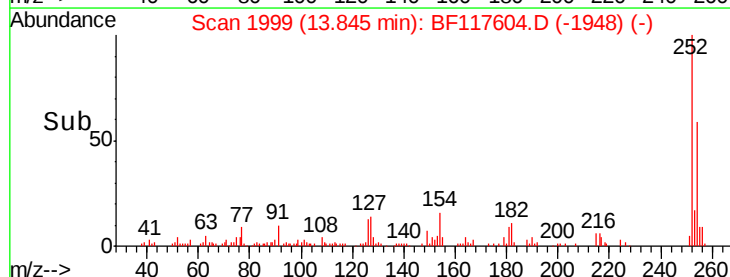
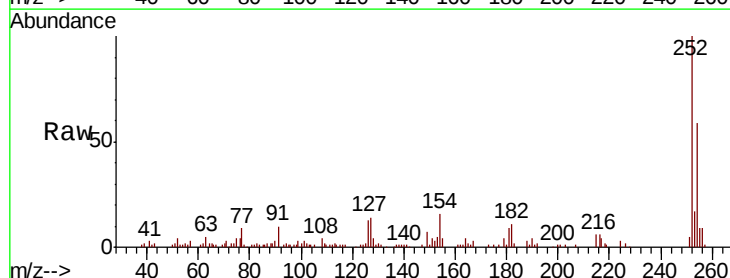
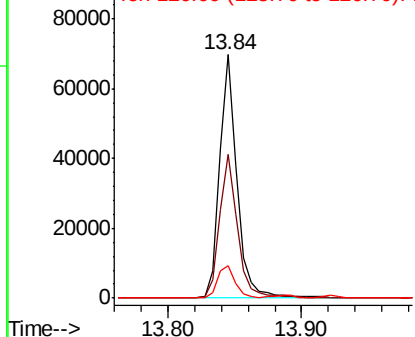
Delta R.T. -0.00 min

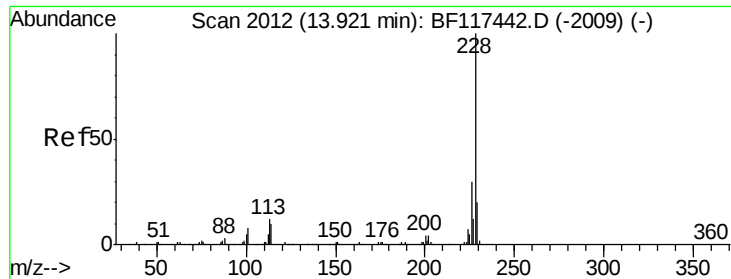
Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Tgt Ion:	252	Resp:	64587
Ion Ratio	Lower	Upper	
252	100		
254	58.9	52.2	78.4
126	13.1	9.2	13.8

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





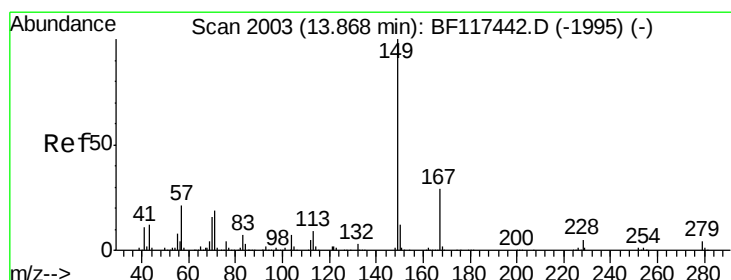
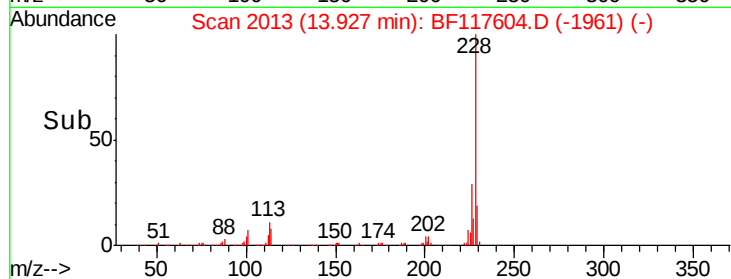
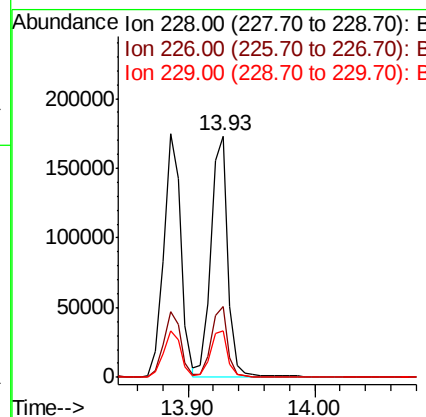
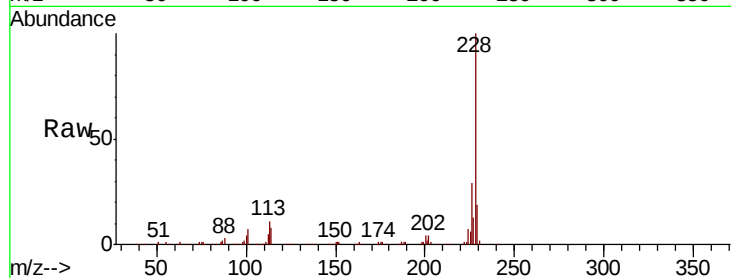
#83
 Chrvsene
 Concen: 41.083 ng
 RT: 13.93 min Scan# 2013
 Delta R.T. 0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.9	35.9
229	19.3	15.8	23.6

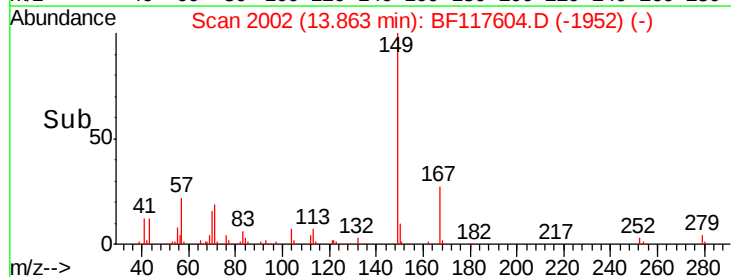
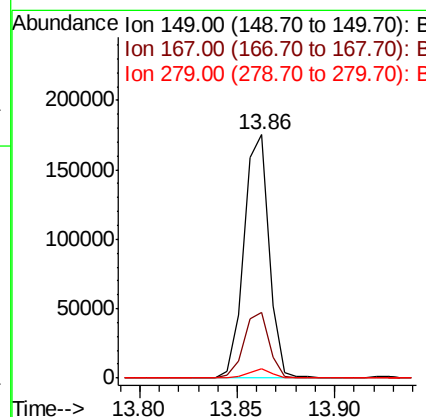
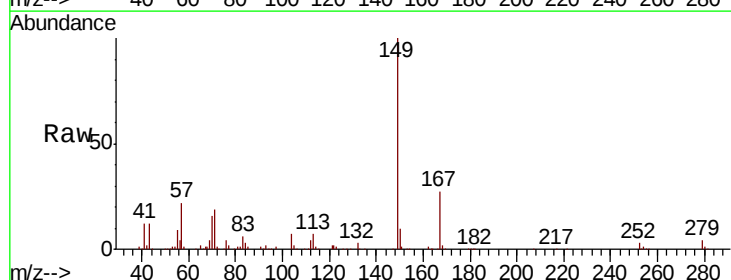
Manual Integrations
 APPROVED

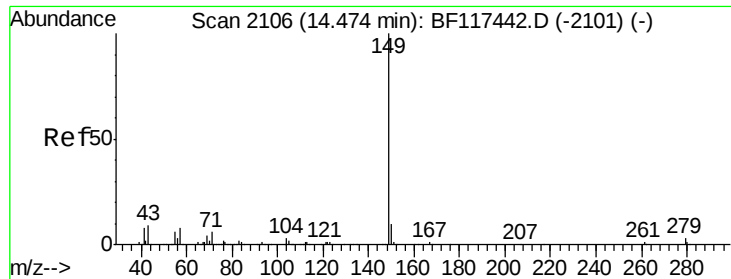
mohammad
 10/30/2019 4:53:20 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.999 ng
 RT: 13.86 min Scan# 2002
 Delta R.T. -0.01 min
 Lab File: BF117604.D
 Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.2	23.3	34.9
279	3.9	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 46.656 ng

RT: 14.47 min Scan# 2105

Delta R.T. -0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

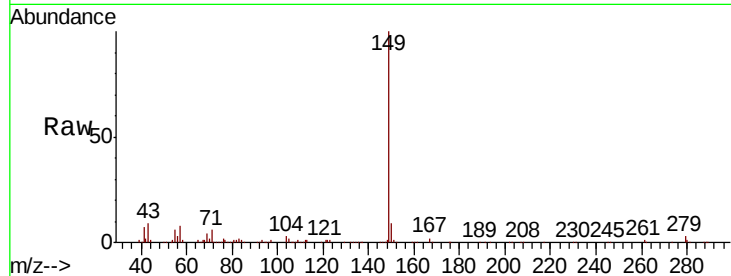
ClientSampleId :

SSTDCCC040

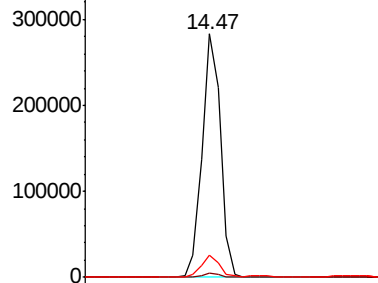
Tot Ion:	149	Resp:	256048
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	8.8	6.8	10.2

Manual Integrations
APPROVED

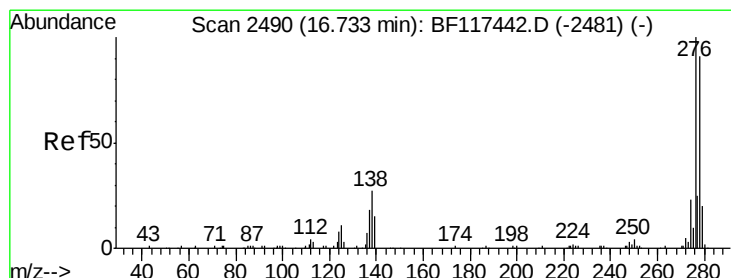
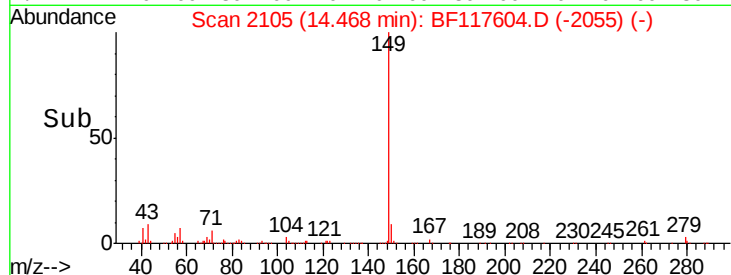
mohammad
10/30/2019 4:53:20 PM



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



Time-->



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.884 ng

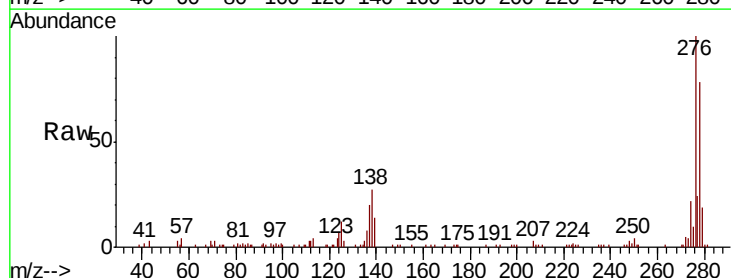
RT: 16.75 min Scan# 2493

Delta R.T. 0.02 min

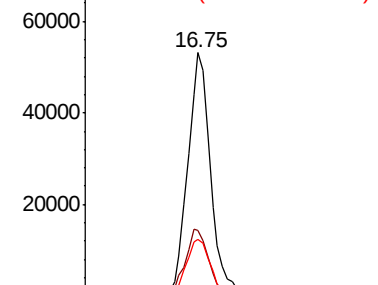
Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

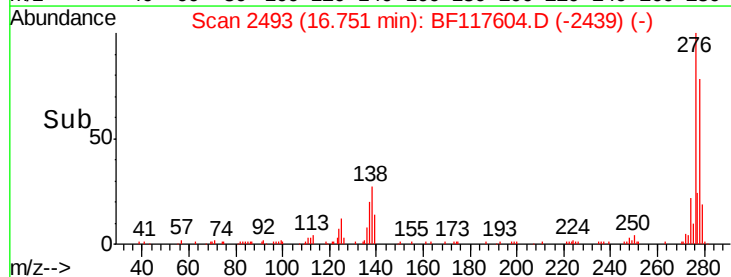
Tgt Ion:	276	Resp:	105584
Ion Ratio	Lower	Upper	
276	100		
138	28.3	21.8	32.8
277	25.1	20.0	30.0

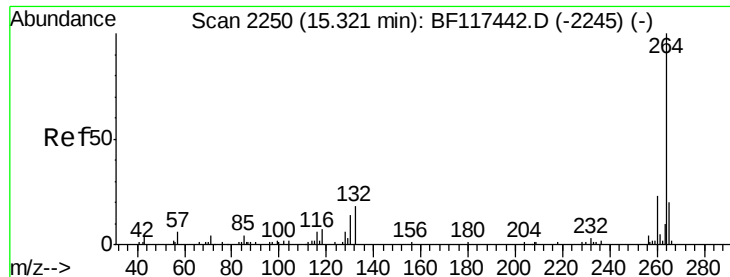


Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



Time-->





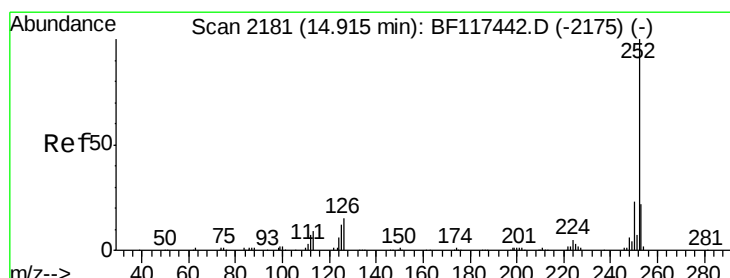
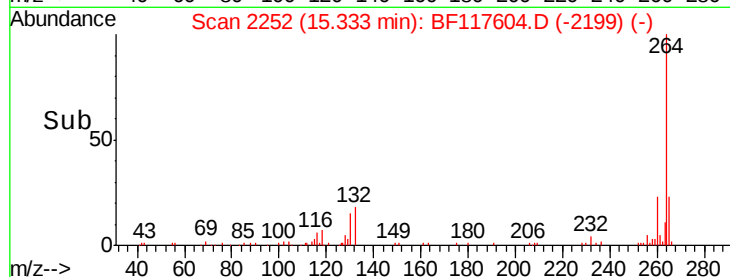
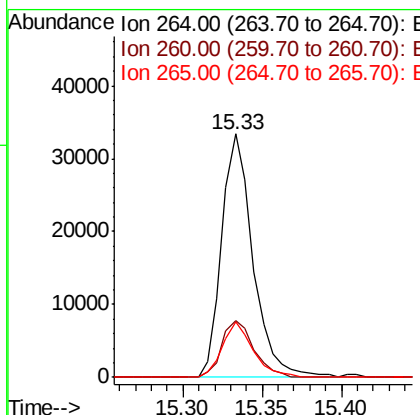
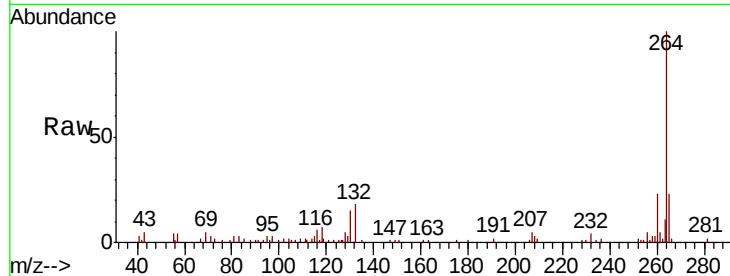
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.4	27.6
265	22.7	16.1	24.1

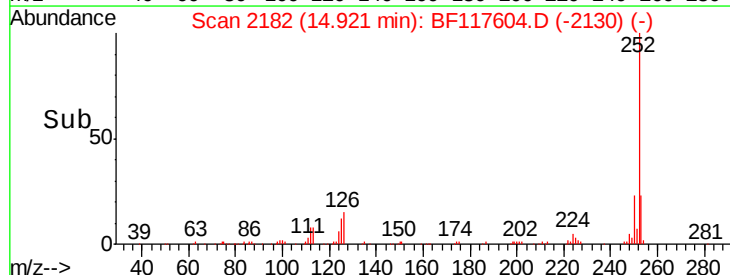
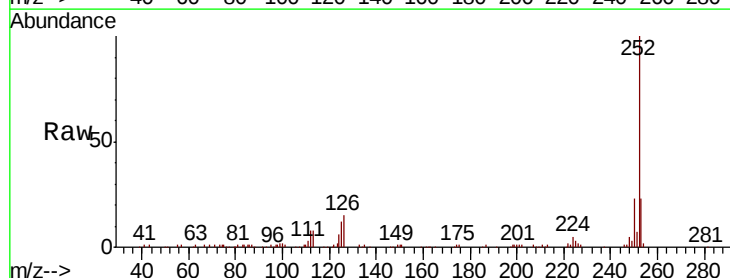
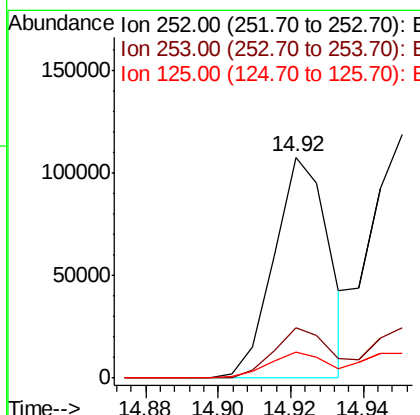
Manual Integrations
APPROVED

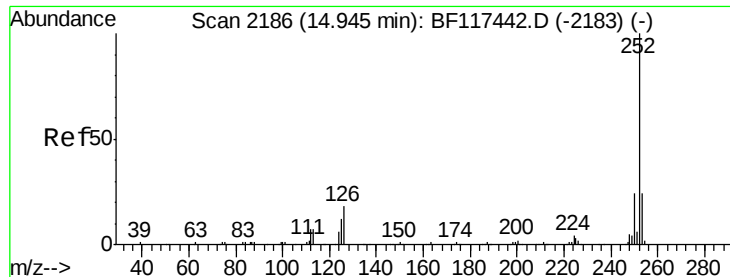
mohammad
10/30/2019 4:53:20 PM



#88
Benzo(b)fluoranthene
Concen: 42.081 ng
RT: 14.92 min Scan# 2182
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.8	26.6
125	11.9	9.9	14.9





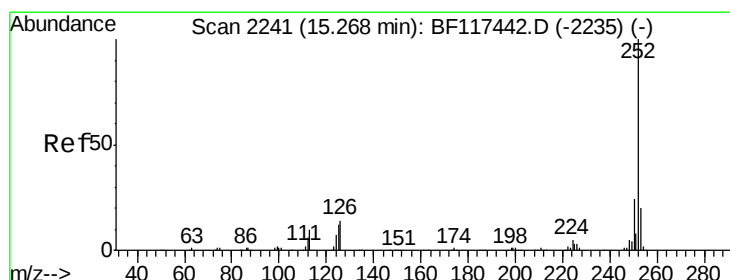
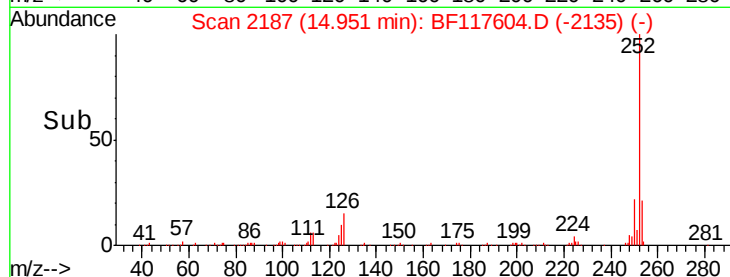
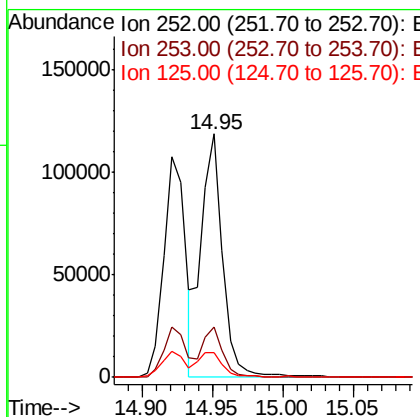
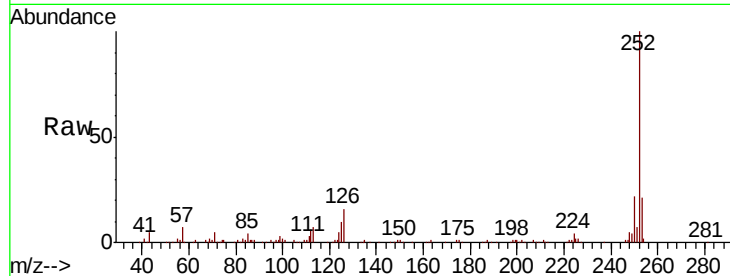
#89
Benzo(k)fluoranthene
Concen: 45.282 ng
RT: 14.95 min Scan# 2187
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	18.0	27.0
125	10.2	8.9	13.3

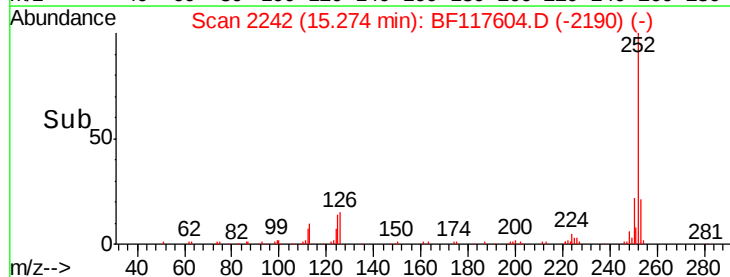
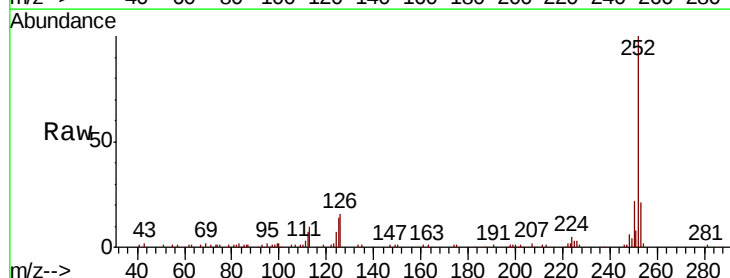
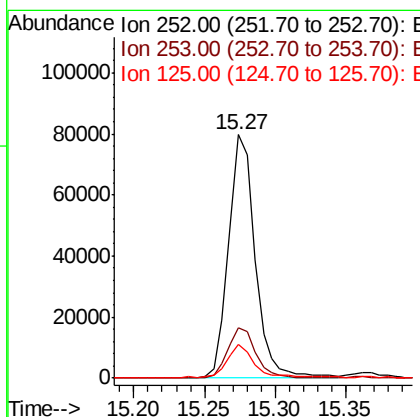
Manual Integrations
APPROVED

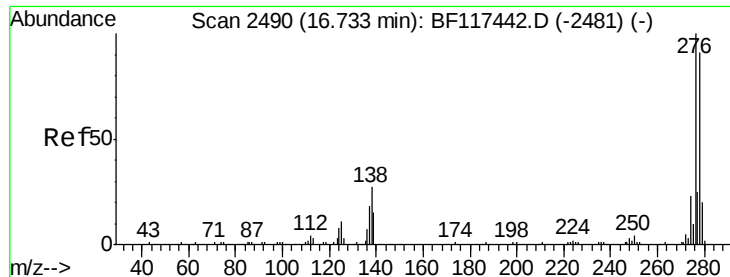
mohammad
10/30/2019 4:53:20 PM



#90
Benzo(a)pyrene
Concen: 42.807 ng
RT: 15.27 min Scan# 2242
Delta R.T. 0.01 min
Lab File: BF117604.D
Acq: 29 Oct 2019 22:06

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.6	16.3	24.5
125	13.6	9.2	13.8





#91

Dibenzo(a,h)anthracene

Concen: 41.282 ng

RT: 16.74 min Scan# 2492

Delta R.T. 0.01 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:278 Resp: 87776

Ion Ratio Lower Upper

278 100

139 18.9 13.4 20.0

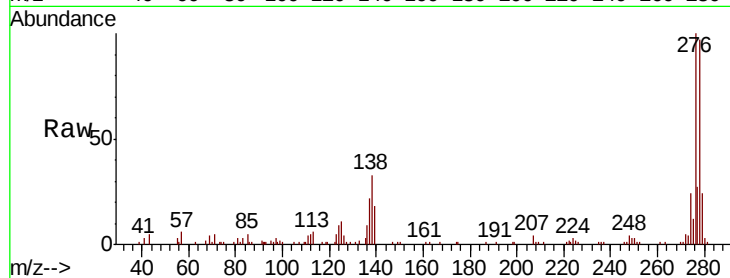
279 24.6 17.8 26.6

Manual Integrations

APPROVED

mohammad

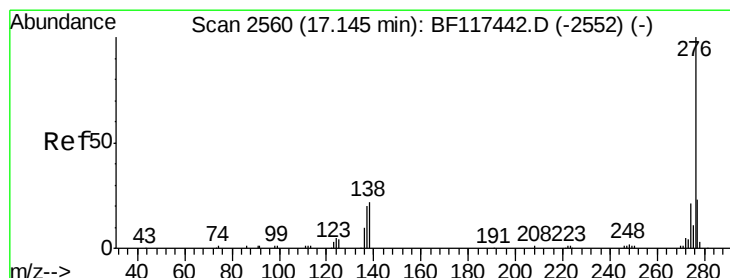
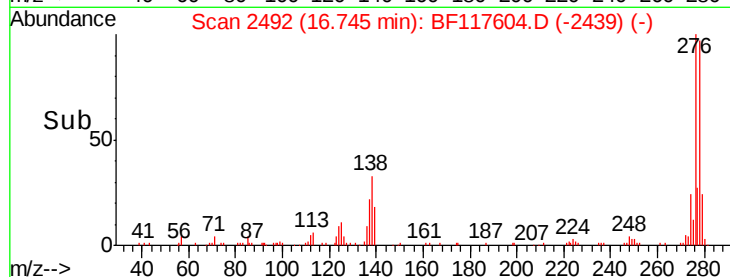
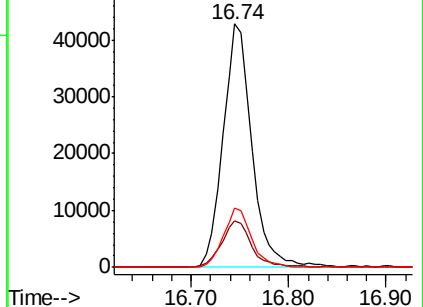
10/30/2019 4:53:20 PM



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: 40.612 ng

RT: 17.18 min Scan# 2566

Delta R.T. 0.04 min

Lab File: BF117604.D

Acq: 29 Oct 2019 22:06

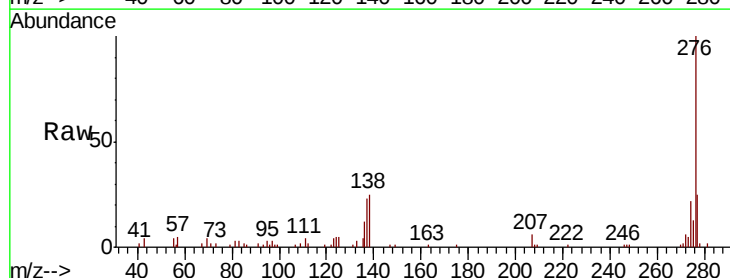
Tgt Ion:276 Resp: 81702

Ion Ratio Lower Upper

276 100

277 24.9 18.4 27.6

138 24.6 17.8 26.6



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

