

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116656.D
 Acq On : 30 Aug 2019 17:23
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:45:13 PM

Quant Time: Aug 30 18:20:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 18:11:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	131429	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	551395	20.00	ng	0.00
39) Acenaphthene-d10	9.89	164	275115	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	429312	20.00	ng	0.00
76) Chrysene-d12	14.00	240	250753	20.00	ng	0.00
87) Perylene-d12	15.44	264	221718	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.46	112	649301	62.15	ng	0.00
7) Phenol-d6	6.48	99	865045	71.61	ng	0.00
23) Nitrobenzene-d5	7.41	82	773315	73.81	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	146113	46.06	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	1295630	59.12	ng	0.00
79) Terphenyl-d14	12.95	244	1130618	73.04	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.60	88	151229	29.213	ng	100
3) Pyridine	3.35	79	441051	30.460	ng	92
4) n-Nitrosodimethylamine	3.29	42	150890	27.301	ng	# 81
6) Aniline	6.51	93	608496	37.276	ng	98
8) 2-Chlorophenol	6.64	128	360403	35.353	ng	100
9) Benzaldehyde	6.40	77	268015	38.199	ng	94
10) Phenol	6.49	94	482325	35.991	ng	96
11) bis(2-Chloroethyl)ether	6.59	93	371724	36.789	ng	99
12) 1,3-Dichlorobenzene	6.79	146	402126	38.104	ng	98
13) 1,4-Dichlorobenzene	6.87	146	405512	39.878	ng	99
14) 1,2-Dichlorobenzene	7.02	146	375037	41.715	ng	95
15) Benzyl Alcohol	6.99	79	352708	43.528	ng	95
16) 2,2'-oxybis(1-Chloropropan	7.13	45	442487	45.028	ng	98
17) 2-Methylphenol	7.10	107	311556	43.742	ng	96
18) Hexachloroethane	7.37	117	158369	43.929	ng	91
19) n-Nitroso-di-n-propylamine	7.26	70	282792	44.868	ng	94
20) 3+4-Methylphenols	7.25	107	371495	41.448	ng	99
22) Acetophenone	7.26	105	533535	34.290	ng	97
24) Nitrobenzene	7.43	77	401534	38.287	ng	92
25) Isophorone	7.67	82	779062	41.091	ng	100
26) 2-Nitrophenol	7.75	139	145415	31.196	ng	96
27) 2,4-Dimethylphenol	7.78	122	298442	40.405	ng	95
28) bis(2-Chloroethoxy)methane	7.88	93	483357	41.248	ng	99
29) 2,4-Dichlorophenol	7.99	162	287339	36.828	ng	98
30) 1,2,4-Trichlorobenzene	8.07	180	312560	34.806	ng	95
31) Naphthalene	8.16	128	1066397	38.143	ng	99
32) Benzoic acid	7.90	122	142928	23.997	ng	96
33) 4-Chloroaniline	8.20	127	478480	40.359	ng	99
34) Hexachlorobutadiene	8.28	225	167828	32.627	ng	98
35) Caprolactam	8.57	113	105638	42.737	ng	97
36) 4-Chloro-3-methylphenol	8.68	107	328910	38.139	ng	96
37) 2-Methylnaphthalene	8.85	142	711721	38.537	ng	96
38) 1-Methylnaphthalene	8.95	142	662954	38.143	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	265960	28.497	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
 Data File : BF116656.D
 Acq On : 30 Aug 2019 17:23
 Operator : HP/JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:45:13 PM

Quant Time: Aug 30 18:20:39 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 18:11:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	154896	28.316	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	184489	29.317	nq	97
44) 2,4,5-Trichlorophenol	9.16	196	186321	29.145	nq	# 92
46) 1,1'-Biphenyl	9.31	154	844932	31.717	nq	98
47) 2-Chloronaphthalene	9.33	162	677227	32.911	nq	99
48) 2-Nitroaniline	9.42	65	191767	30.405	nq	95
49) Acenaphthylene	9.75	152	1012684	36.199	nq	99
50) Dimethylphthalate	9.61	163	764320	32.619	nq	98
51) 2,6-Dinitrotoluene	9.66	165	148351	30.780	nq	94
52) Acenaphthene	9.92	154	619130	36.413	nq	99
53) 3-Nitroaniline	9.83	138	185946	35.407	nq	# 89
54) 2,4-Dinitrophenol	9.93	184	41030	20.418	nq	# 80
55) Dibenzofuran	10.09	168	881032	34.210	nq	98
56) 4-Nitrophenol	9.99	139	126813	35.135	nq	86
57) 2,4-Dinitrotoluene	10.07	165	180711	30.336	nq	97
58) Fluorene	10.43	166	655045	31.535	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	135436m	27.425	nq	
60) Diethylphthalate	10.30	149	769419	34.706	nq	97
61) 4-Chlorophenyl-phenylether	10.43	204	288820	28.164	nq	98
62) 4-Nitroaniline	10.45	138	176069	30.843	nq	94
63) Azobenzene	10.59	77	798680	36.241	nq	94
65) 4,6-Dinitro-2-methylphenol	10.47	198	56735	24.483	nq	71
66) n-Nitrosodiphenylamine	10.55	169	602290	42.205	nq	97
67) 4-Bromophenyl-phenylether	10.92	248	177630	36.363	nq	97
68) Hexachlorobenzene	10.99	284	184166	34.232	nq	96
69) Atrazine	11.07	200	166606	38.373	nq	98
70) Pentachlorophenol	11.17	266	89549	28.442	nq	96
71) Phenanthrene	11.39	178	971359	40.270	nq	99
72) Anthracene	11.44	178	969455	39.358	nq	99
73) Carbazole	11.59	167	918489	42.113	nq	100
74) Di-n-butylphthalate	11.93	149	1186091	41.380	nq	98
75) Fluoranthene	12.57	202	940273	38.212	nq	96
77) Benzidine	12.69	184	384168	45.026	nq	99
78) Pyrene	12.80	202	947673	38.809	nq	98
80) Butylbenzylphthalate	13.42	149	443418	44.946	nq	100
81) Benzo(a)anthracene	13.99	228	639588	37.655	nq	98
82) 3,3'-Dichlorobenzidine	13.95	252	222934	39.887	nq	98
83) Chrysene	14.03	228	659423	39.839	nq	99
84) Bis(2-ethylhexyl)phthalate	13.98	149	533964	42.275	nq	99
85) Di-n-octyl phthalate	14.59	149	856424	44.933	nq	97
86) Indeno(1,2,3-cd)pyrene	16.89	276	525521	36.640	nq	# 92
88) Benzo(b)fluoranthene	15.03	252	519328	36.991	nq	# 98
89) Benzo(k)fluoranthene	15.06	252	523632	38.839	nq	98
90) Benzo(a)pyrene	15.39	252	471336	38.418	nq	98
91) Dibenzo(a,h)anthracene	16.91	278	421251	32.736	nq	# 92
92) Benzo(g,h,i)perylene	17.33	276	431166	34.979	nq	# 92

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

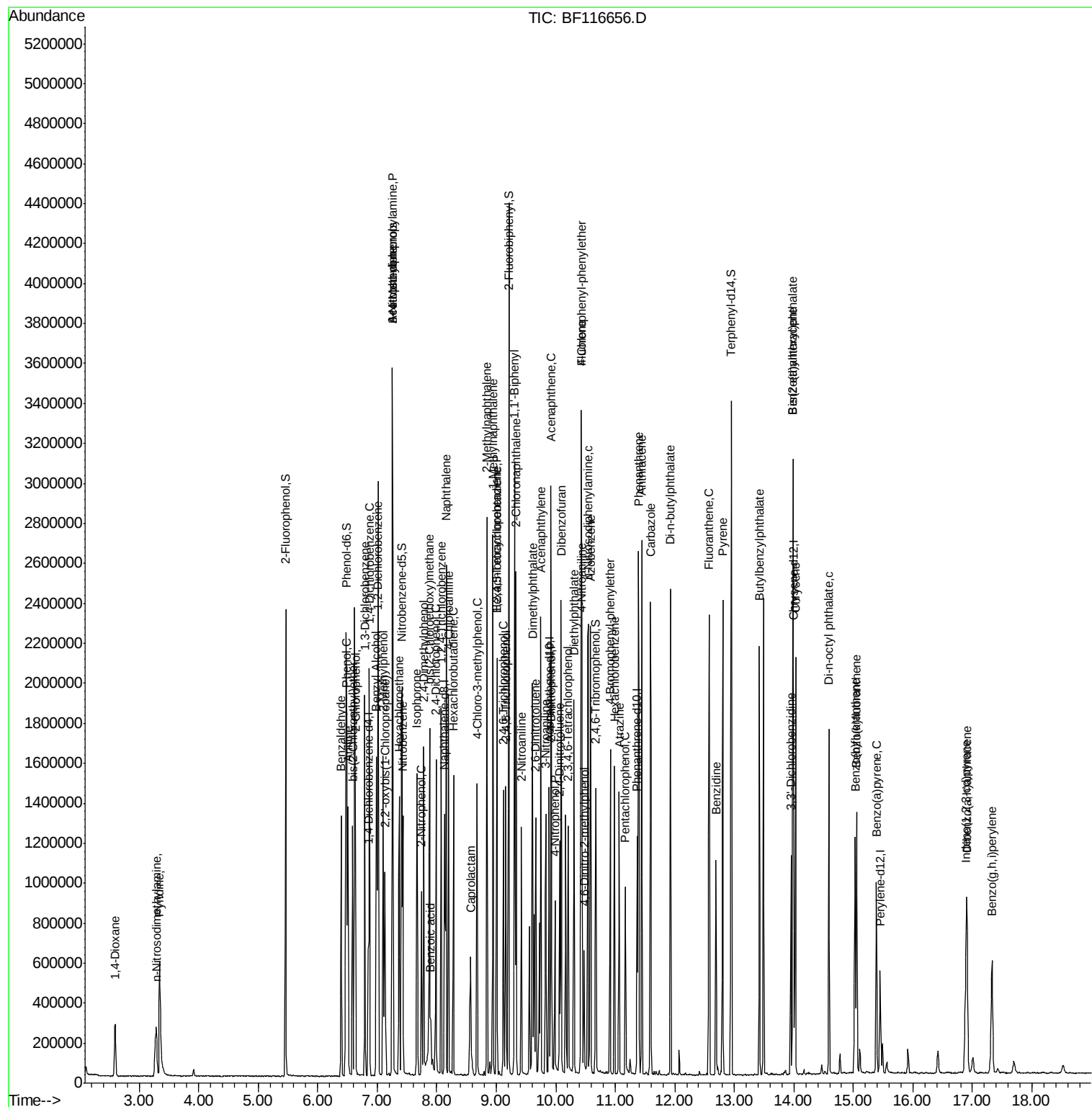
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF083019\
Data File : BF116656.D
Acq On : 30 Aug 2019 17:23
Operator : HP/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

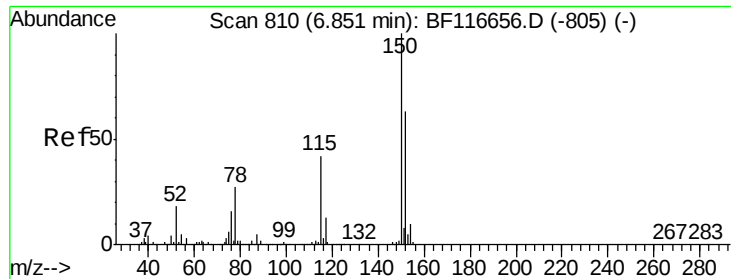
Instrument :
BNA_F
Client Sample ID :
SSTDICCC040

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM

Quant Time: Aug 30 18:20:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF083019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 30 18:11:49 2019
Response via : Initial Calibration





#1

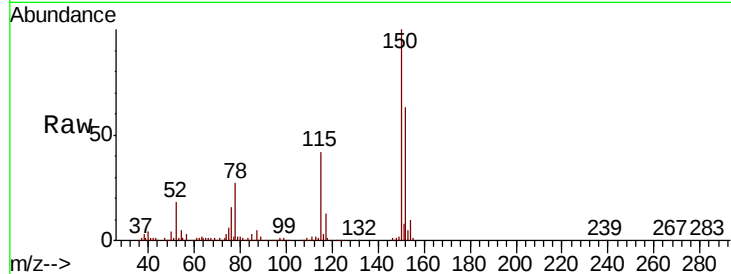
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.5	124.4	186.6
115	65.9	49.9	74.9

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM

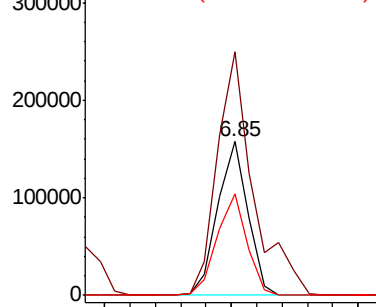


Abundance

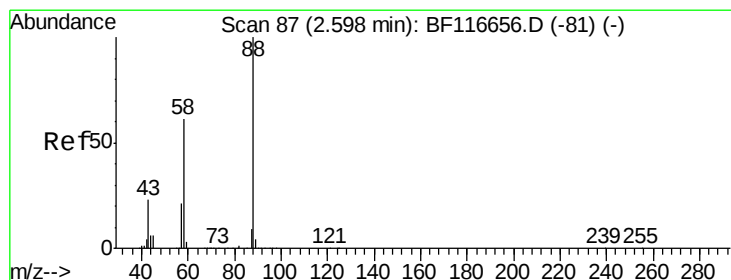
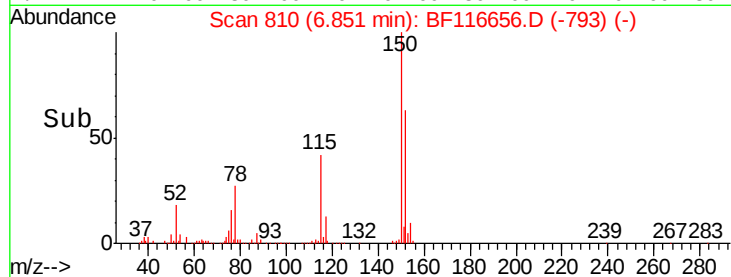
Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



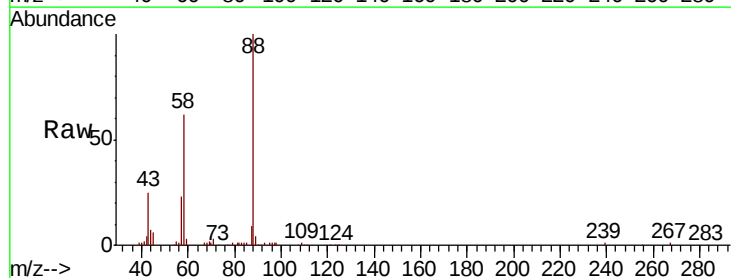
Time-->



#2

1,4-Dioxane
Concen: 29.213 ng
RT: 2.60 min Scan# 87
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
88	100		
58	64.6	51.7	77.5
43	24.1	19.8	29.8

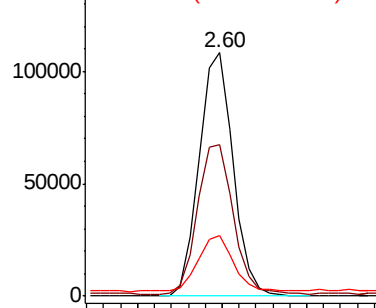


Abundance

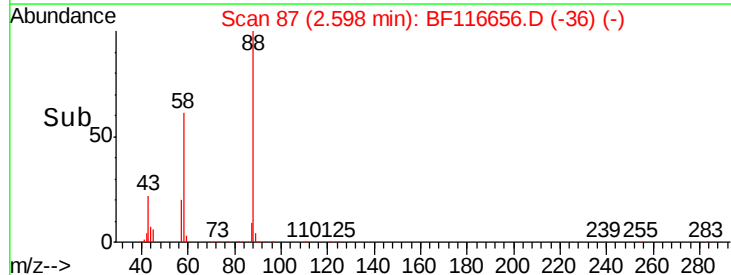
Ion 88.00 (87.70 to 88.70): BF1

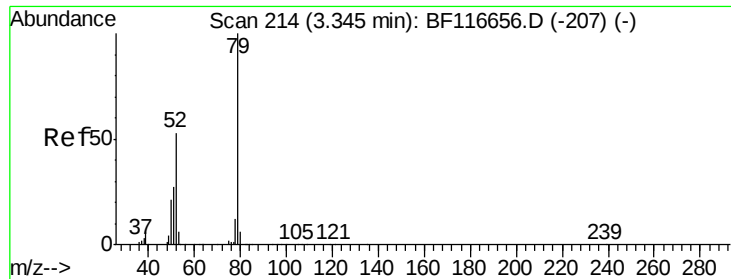
Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1



Time-->





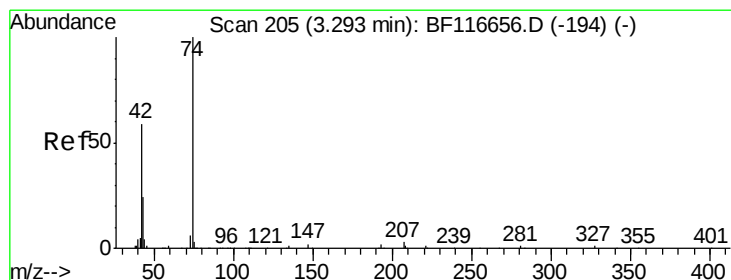
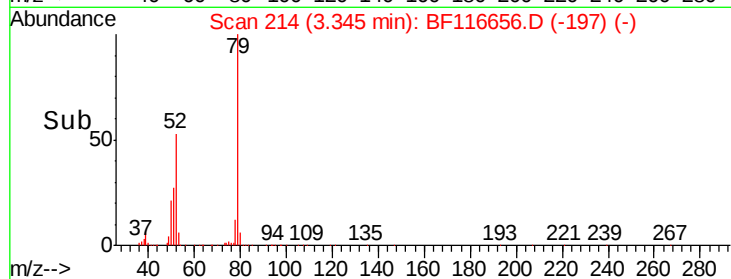
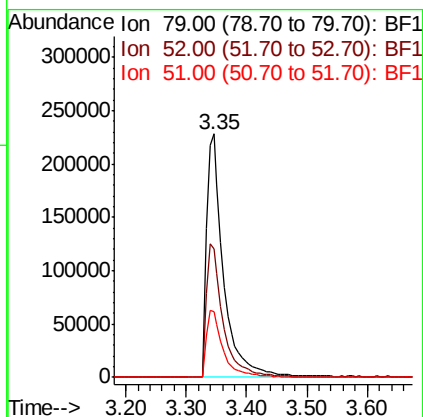
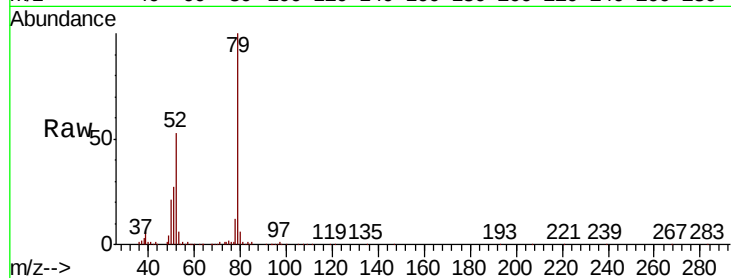
#3
 Pvridine
 Concen: 30.460 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCCC040

Tot Ion	Ratio	Lower	Upper
79	100		
52	53.0	47.4	71.0
51	26.7	24.1	36.1

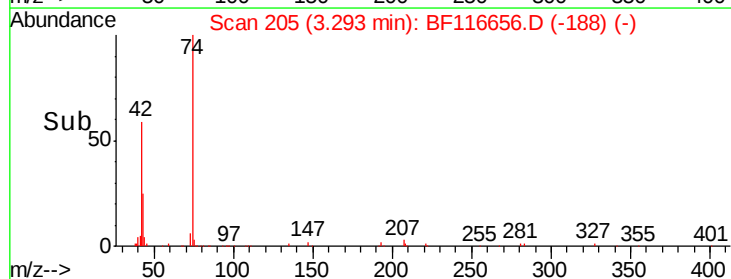
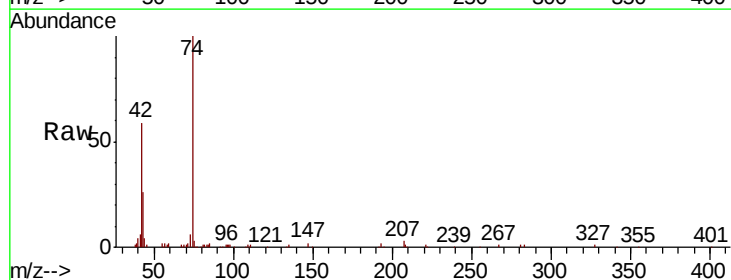
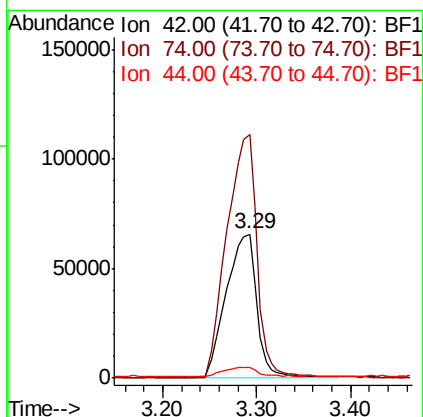
Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:45:13 PM



#4
 n-Nitrosodimethylamine
 Concen: 27.301 ng
 RT: 3.29 min Scan# 205
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
42	100		
74	169.3	115.6	173.4
44	7.5	4.6	7.0





#5

2-Fluorophenol

Concen: 62.154 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

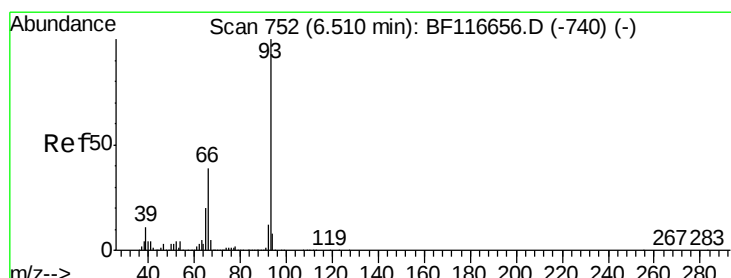
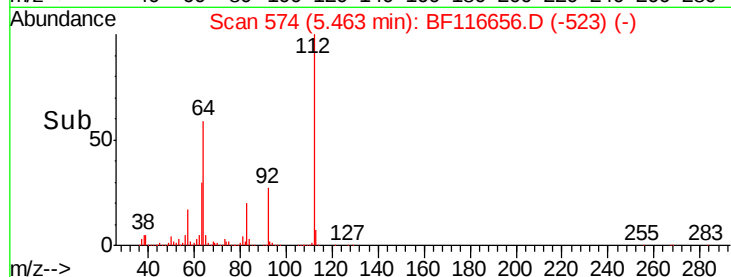
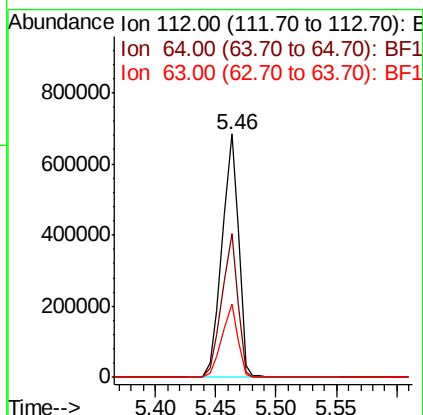
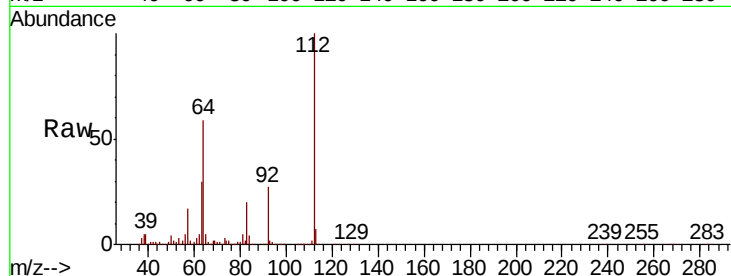
ClientSampleId :

SSTDICCC040

Tot Ion:	112	Resp:	649301
Ion Ratio	Lower	Upper	
112	100		
64	59.0	47.1	70.7
63	30.3	24.9	37.3

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



#6

Aniline

Concen: 37.276 ng

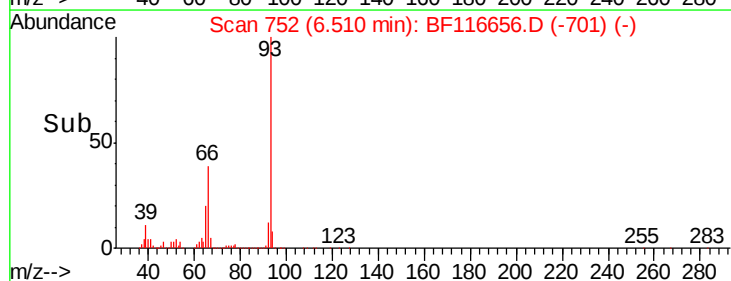
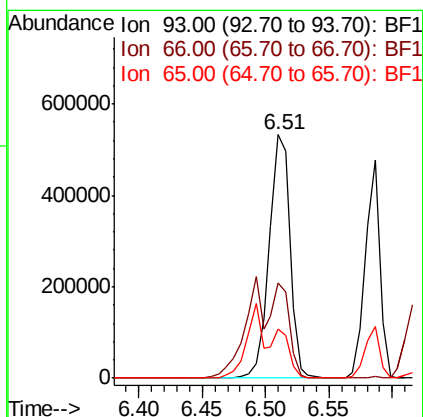
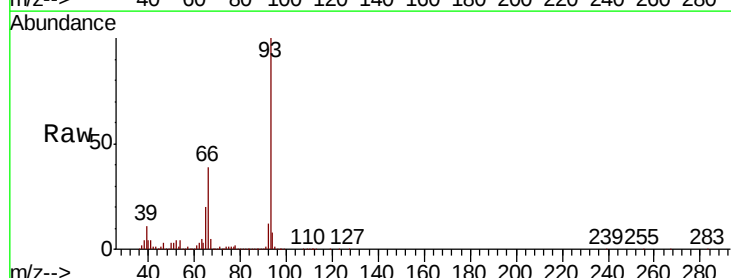
RT: 6.51 min Scan# 752

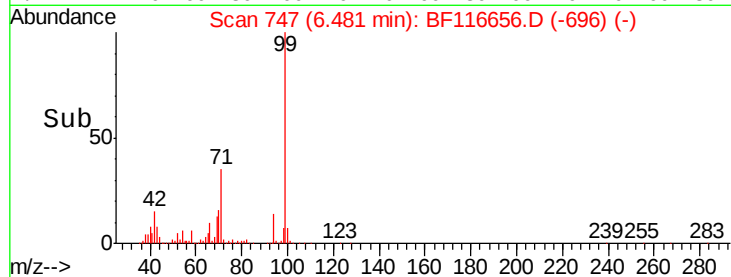
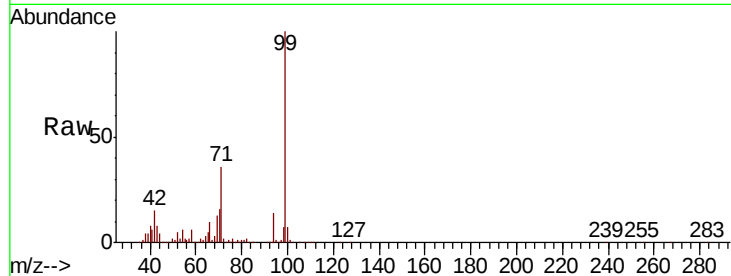
Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion:	93	Resp:	608496
Ion Ratio	Lower	Upper	
93	100		
66	39.1	32.7	49.1
65	20.0	16.3	24.5





#7

Phenol-d6

Concen: 71.615 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tot Ion:	99	Resp:	865045
Ion Ratio	Lower	Upper	
99	100		
42	15.2	13.7	20.5
71	35.7	30.8	46.2

Instrument :

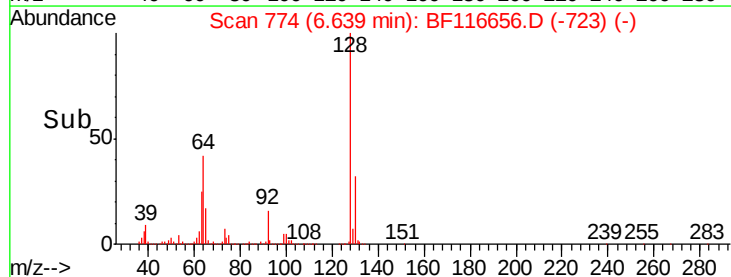
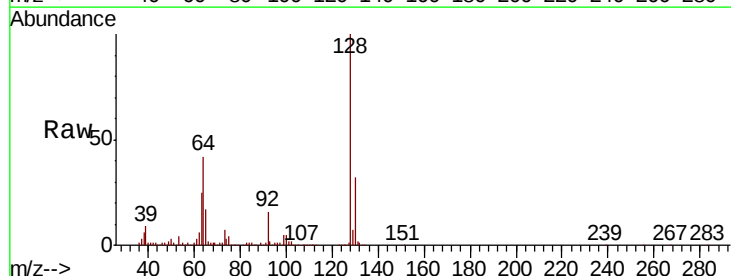
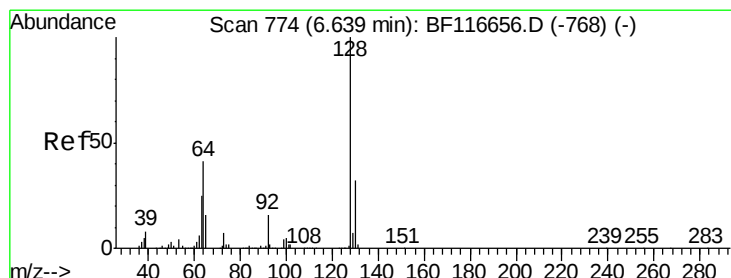
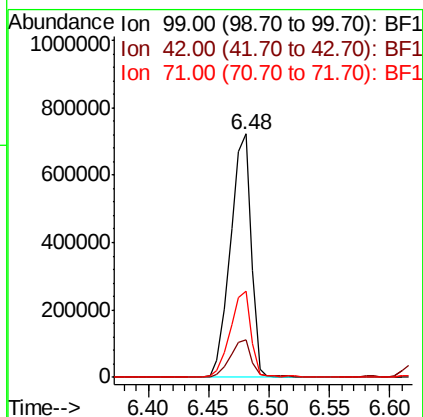
BNA_F

ClientSampleId :

SSTDICCC040

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



#8

2-Chlorophenol

Concen: 35.353 ng

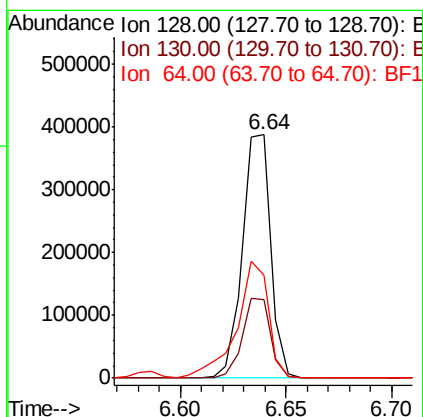
RT: 6.64 min Scan# 774

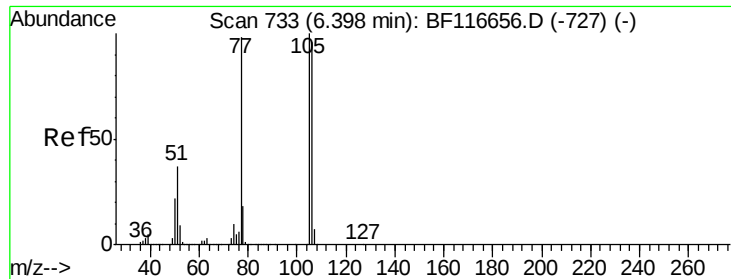
Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion:	128	Resp:	360403
Ion Ratio	Lower	Upper	
128	100		
130	32.1	12.3	52.3
64	42.3	22.5	62.5





#9

Benzaldehyde

Concen: 38.199 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

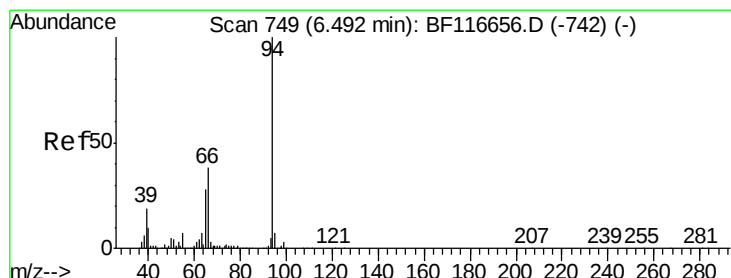
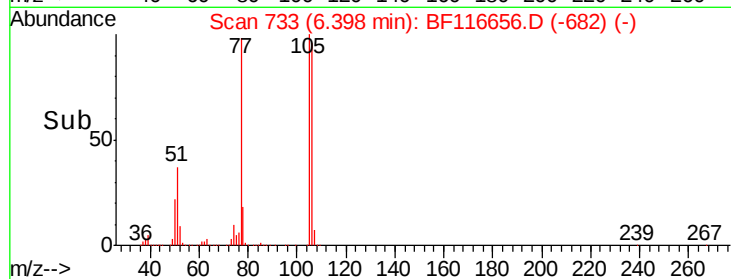
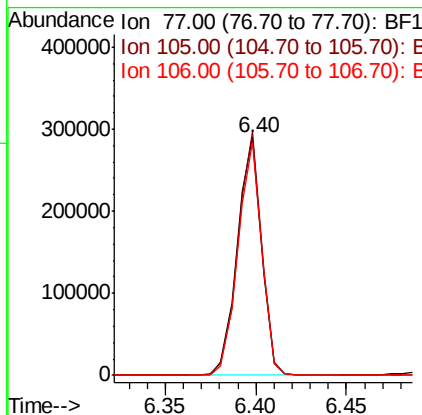
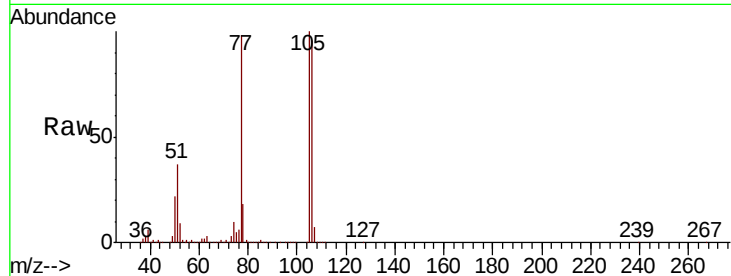
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
77	100		
105	102.3	76.7	116.7
106	98.2	73.1	113.1

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



#10

Phenol

Concen: 35.991 ng

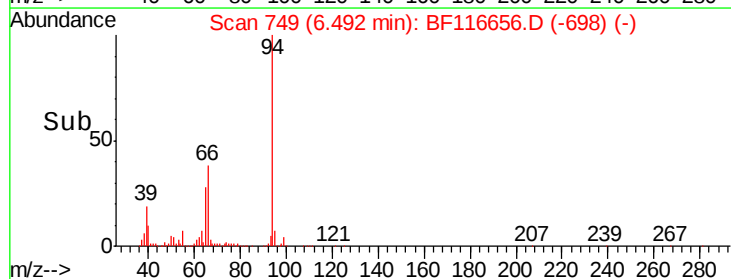
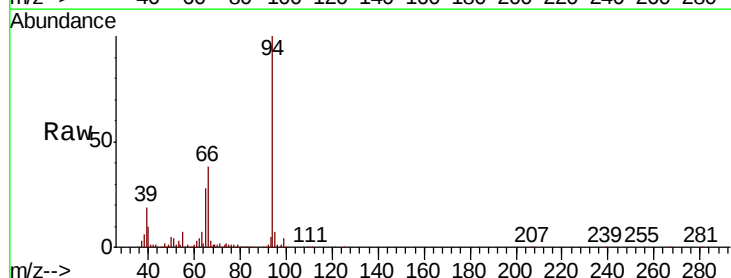
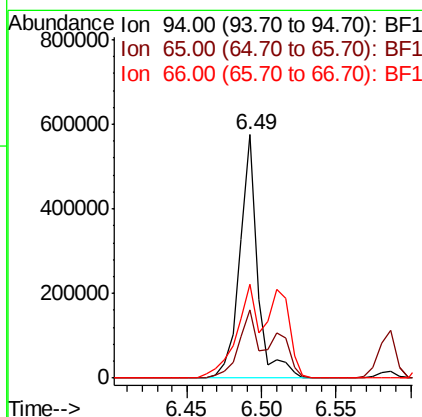
RT: 6.49 min Scan# 749

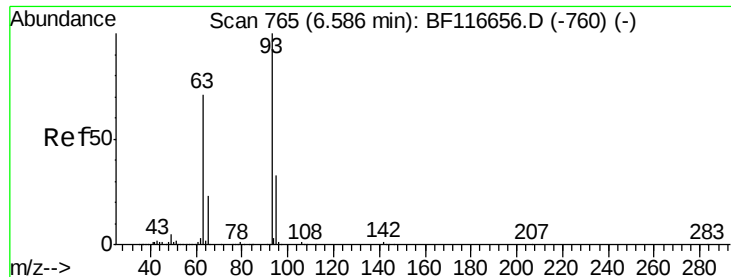
Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
94	100		
65	28.2	10.8	50.8
66	38.4	21.1	61.1





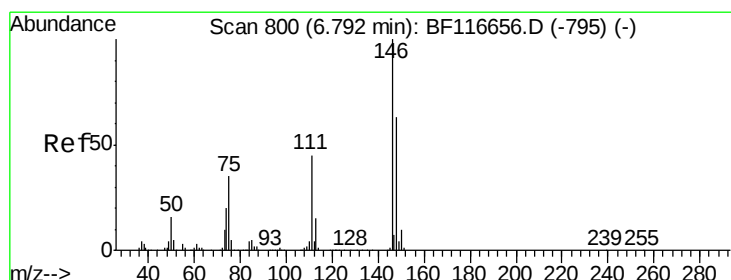
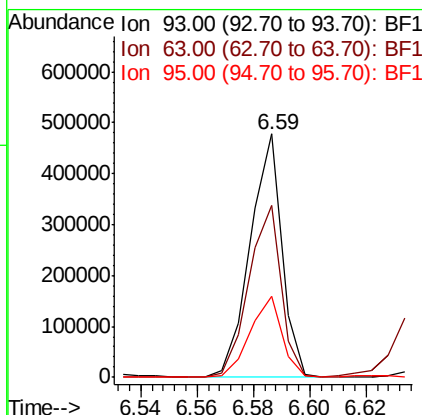
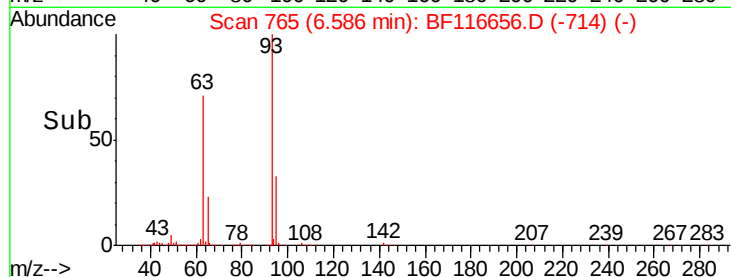
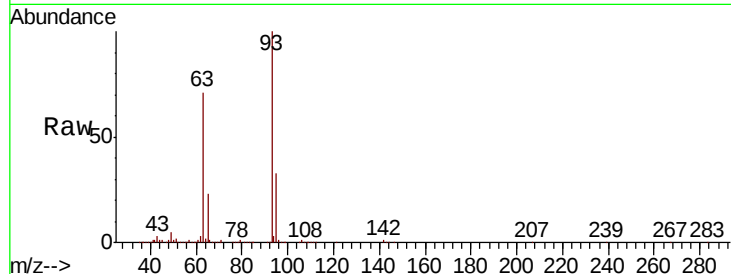
#11
bis(2-Chloroethyl)ether
Concen: 36.789 ng
RT: 6.59 min Scan# 765
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
93	100		
63	70.8	49.9	89.9
95	33.1	12.7	52.7

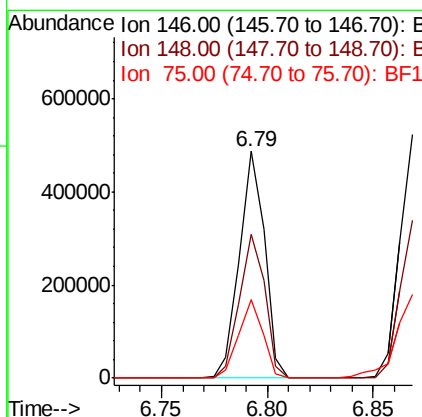
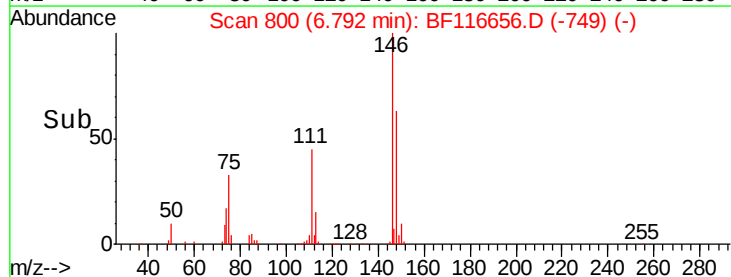
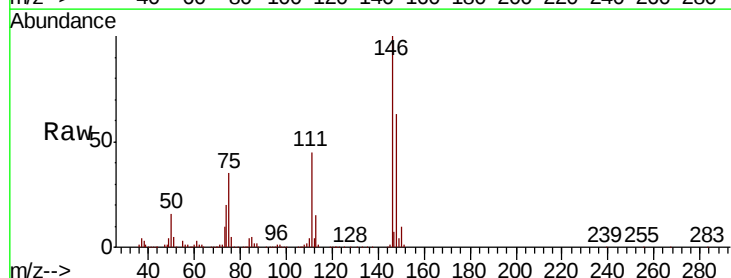
Manual Integrations
APPROVED

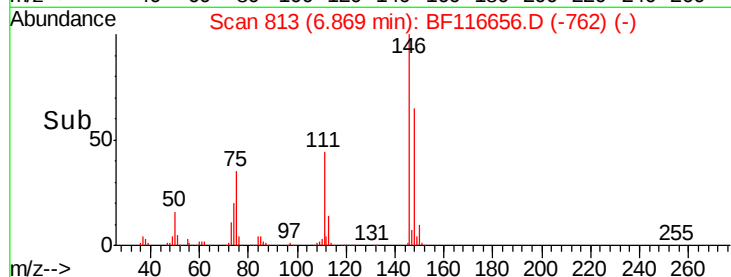
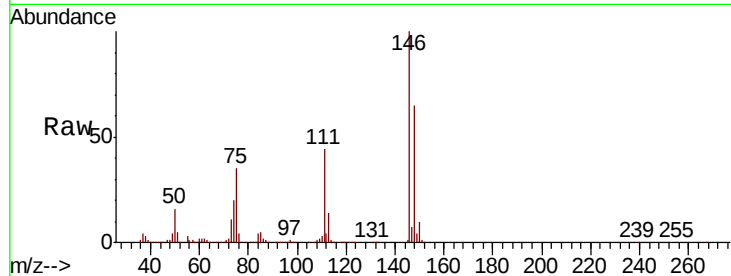
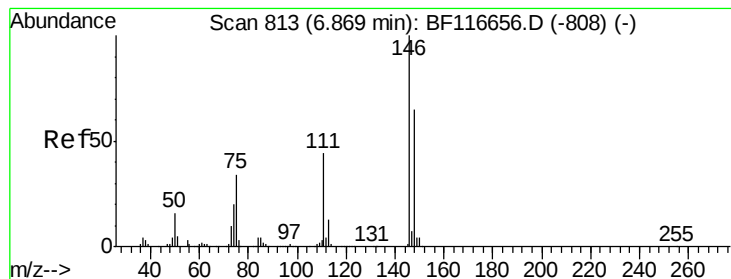
mohammad
8/31/2019 2:45:13 PM



#12
1,3-Dichlorobenzene
Concen: 38.104 ng
RT: 6.79 min Scan# 800
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	51.4	77.0
75	34.8	29.6	44.4





#13

1,4-Dichlorobenzene

Concen: 39.878 ng

RT: 6.87 min Scan# 813

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tot Ion:	146	Resp:	405512
Ion Ratio	Lower	Upper	
146	100		
148	65.0	51.4	77.2
111	43.7	34.8	52.2

Instrument :

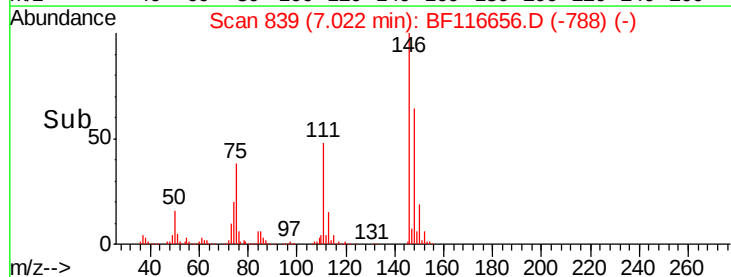
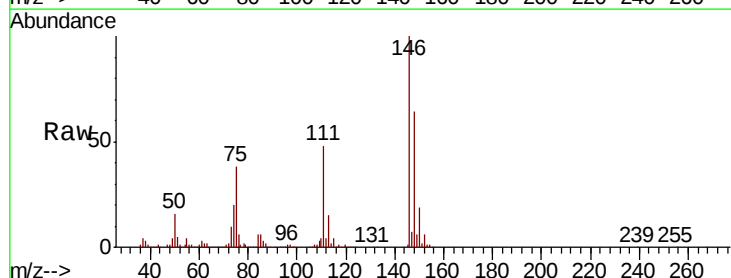
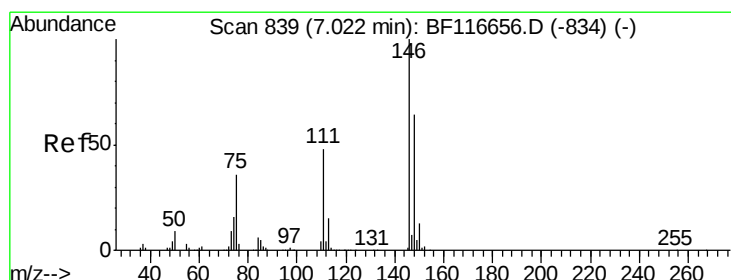
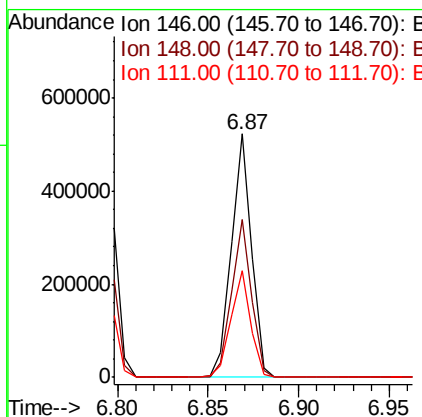
BNA_F

ClientSampleId :

SSTDICCC040

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



#14

1,2-Dichlorobenzene

Concen: 41.715 ng

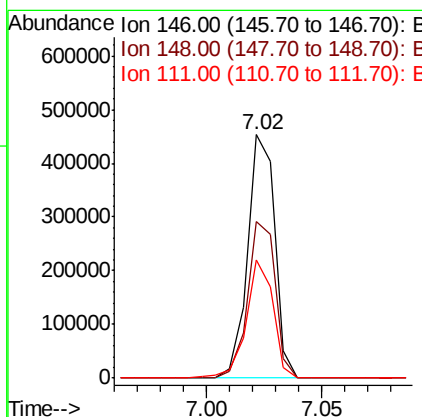
RT: 7.02 min Scan# 839

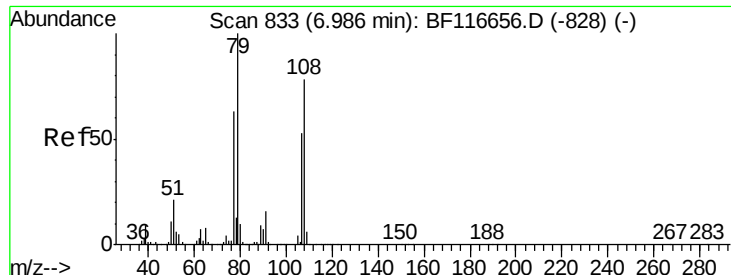
Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion:	146	Resp:	375037
Ion Ratio	Lower	Upper	
146	100		
148	64.1	52.6	78.8
111	48.5	34.2	51.4





#15

Benzyl Alcohol

Concen: 43.528 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

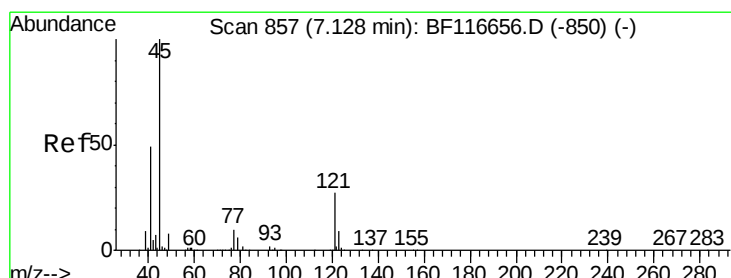
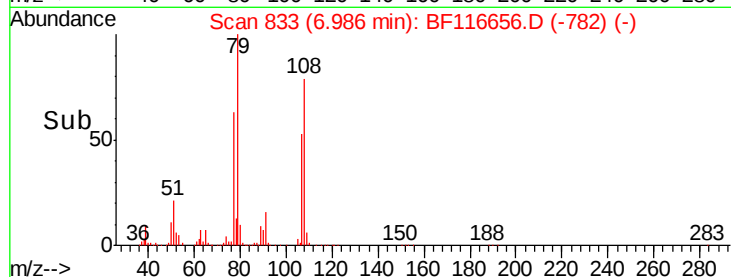
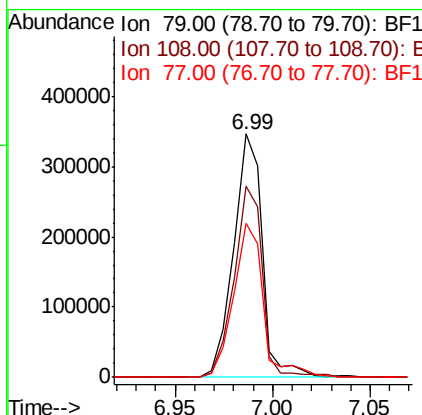
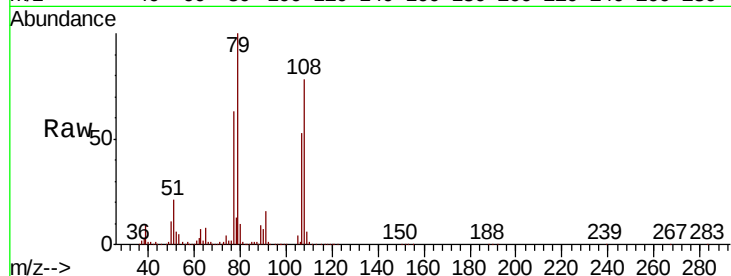
ClientSampleId :

SSTDICCC040

Tot Ion:	79	Resp:	352708
Ion Ratio	Lower	Upper	
79	100		
108	78.4	59.2	88.8
77	63.2	53.0	79.4

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.028 ng

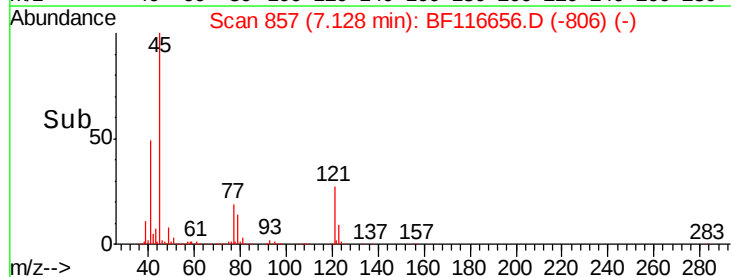
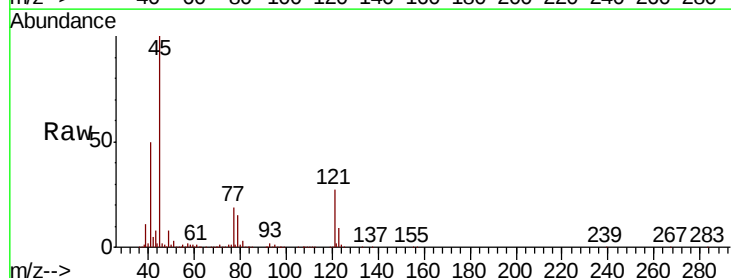
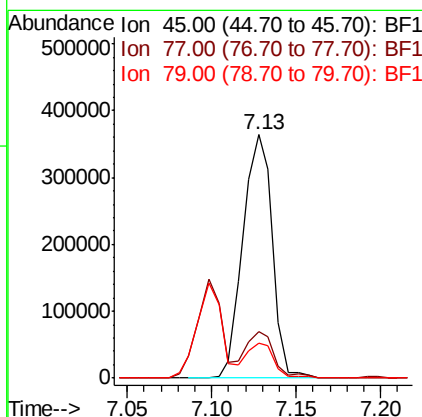
RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion:	45	Resp:	442487
Ion Ratio	Lower	Upper	
45	100		
77	19.1	0.0	38.2
79	14.5	0.0	33.9





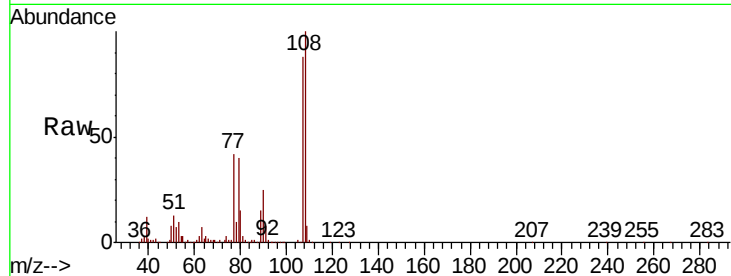
#17
2-Methylphenol
Concen: 43.742 ng
RT: 7.10 min Scan# 852
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.8	88.3	132.5	
77	47.3	39.9	59.9	
79	45.9	39.8	59.8	

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



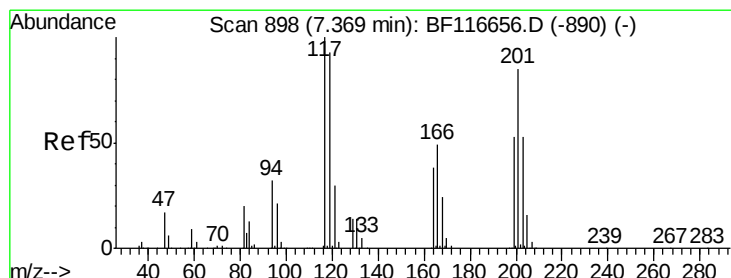
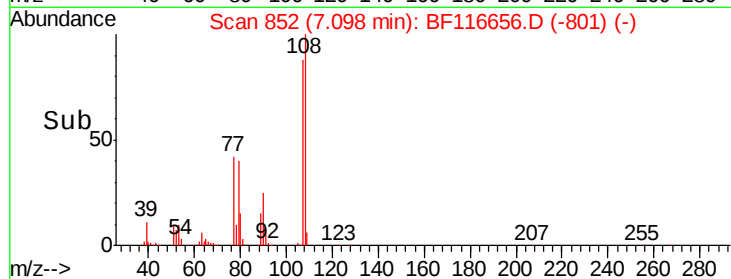
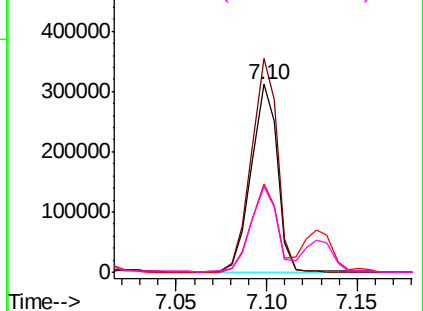
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

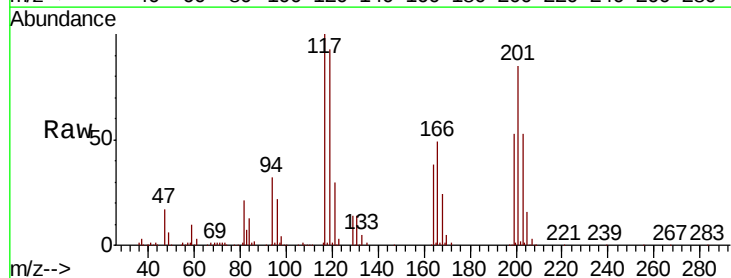
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 43.929 ng
RT: 7.37 min Scan# 898
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	76.9	115.3	
201	84.5	79.4	119.0	

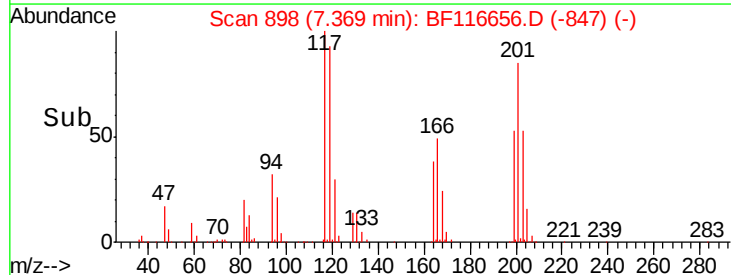
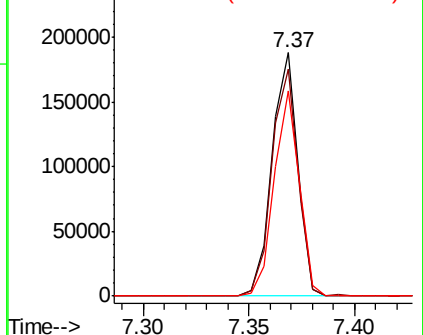


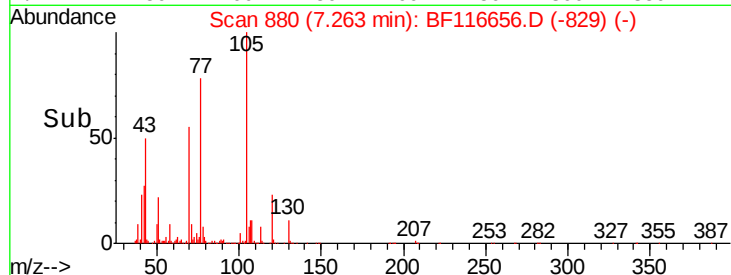
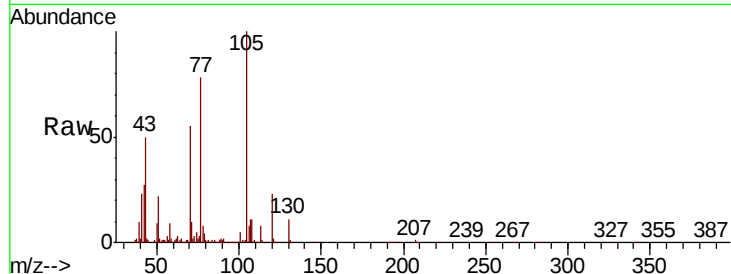
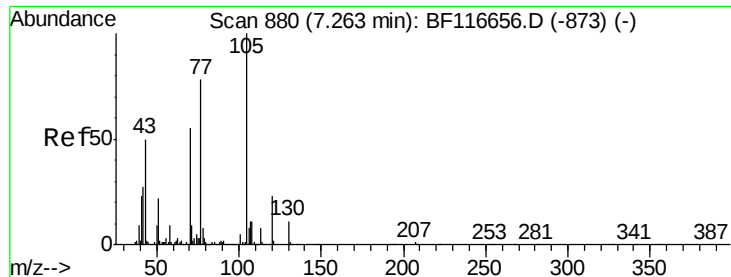
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





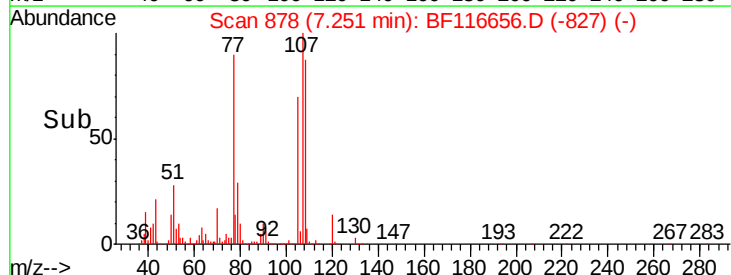
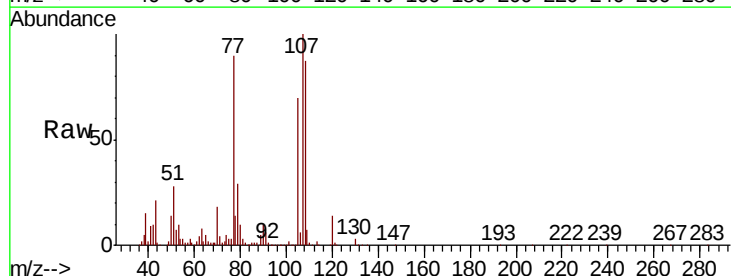
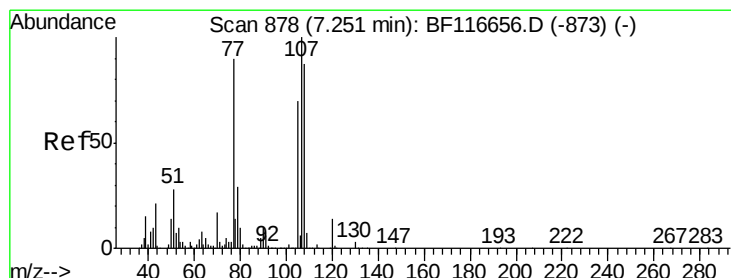
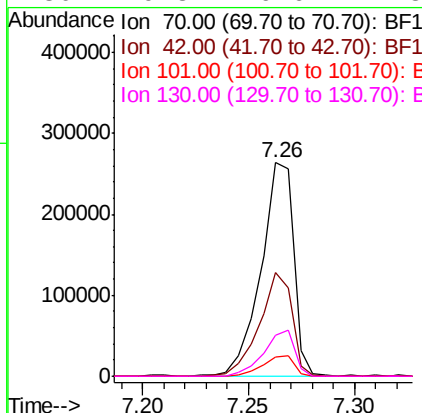
#19
n-Nitroso-di-n-propylamine
Concen: 44.868 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
70	100		
42	48.5	43.5	65.3
101	9.2	7.8	11.6
130	19.3	16.6	24.8

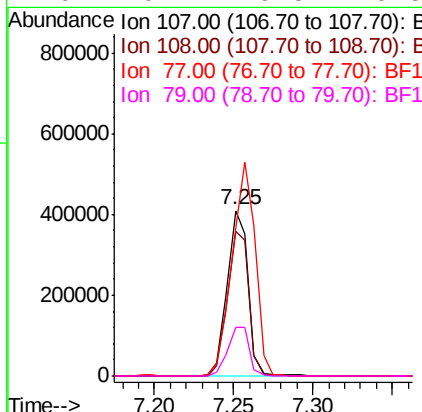
Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



#20
3+4-Methylphenols
Concen: 41.448 ng
RT: 7.25 min Scan# 878
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.1	65.5	105.5
77	89.7	69.4	109.4
79	29.2	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1028

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

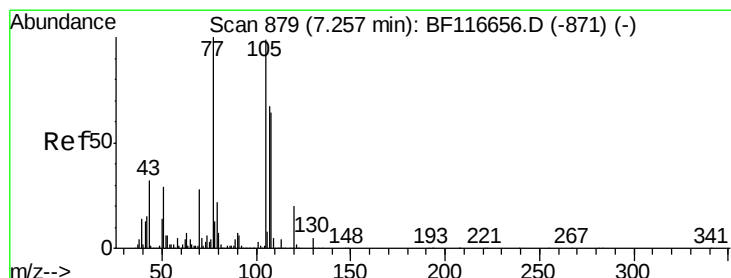
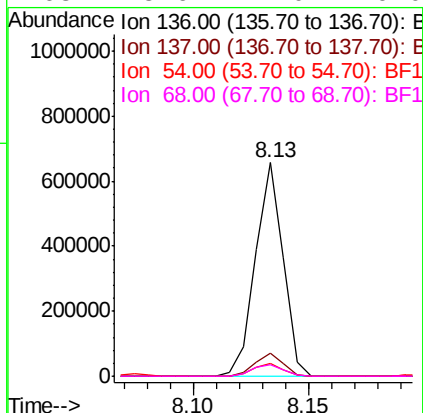
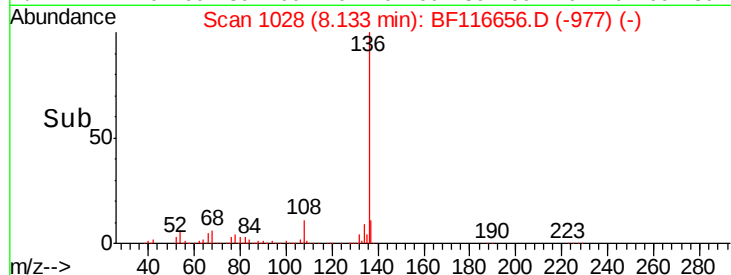
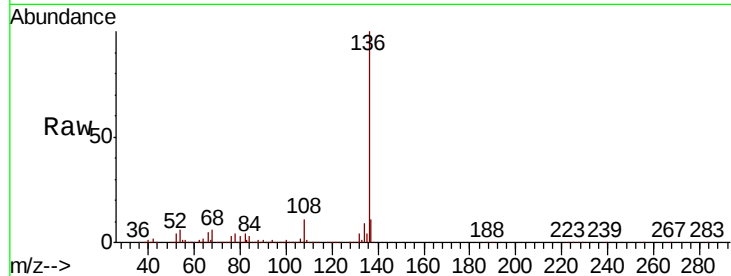
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
136	100	551395		
137	11.0	8.9	13.3	
54	5.8	4.8	7.2	
68	5.6	4.0	6.0	

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



#22

Acetophenone

Concen: 34.290 ng

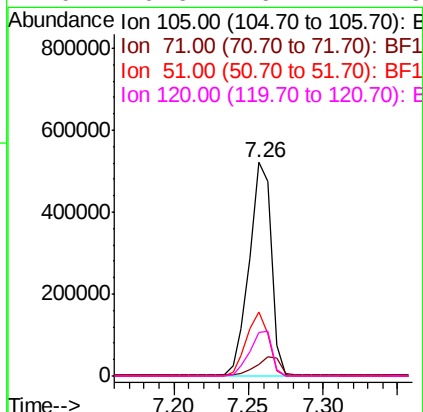
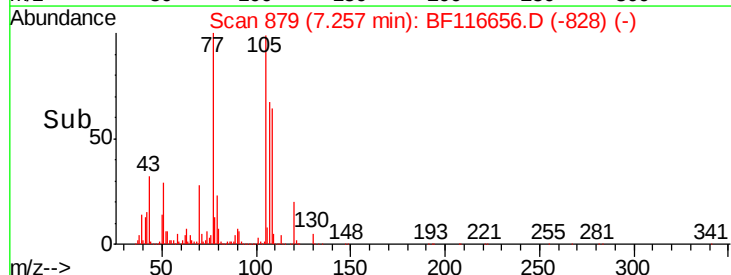
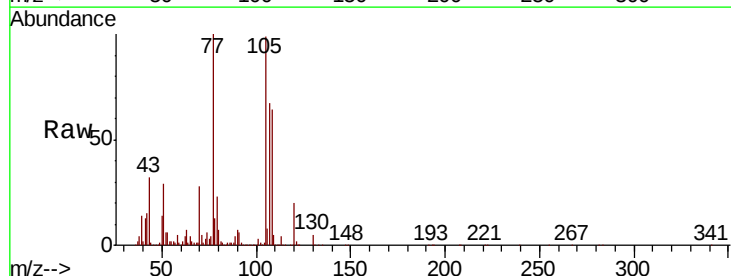
RT: 7.26 min Scan# 879

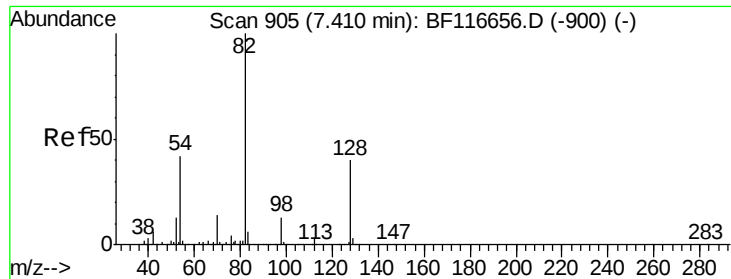
Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	533535		
71	5.3	4.2	6.4	
51	29.9	25.8	38.8	
120	20.6	16.4	24.6	





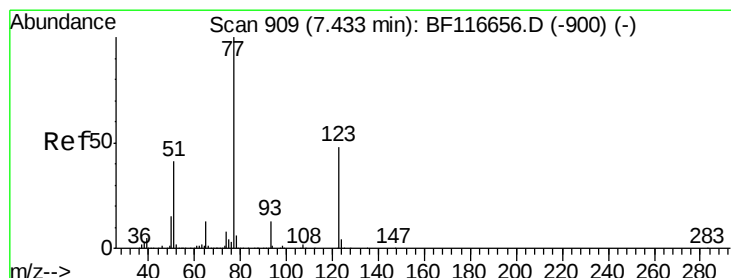
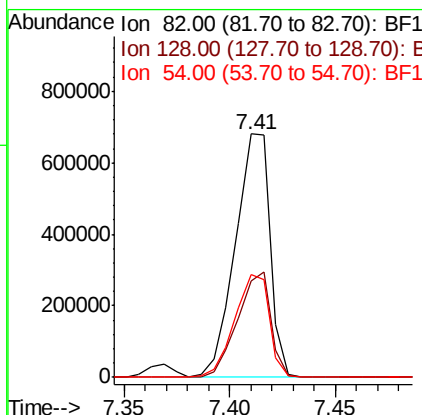
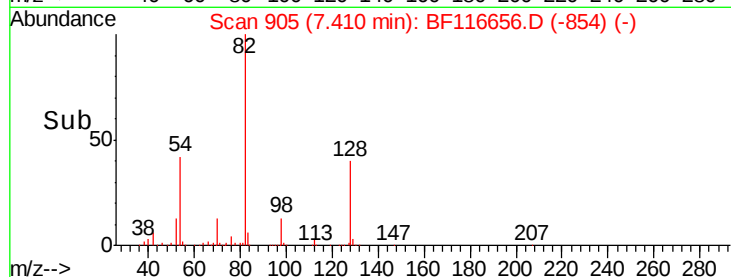
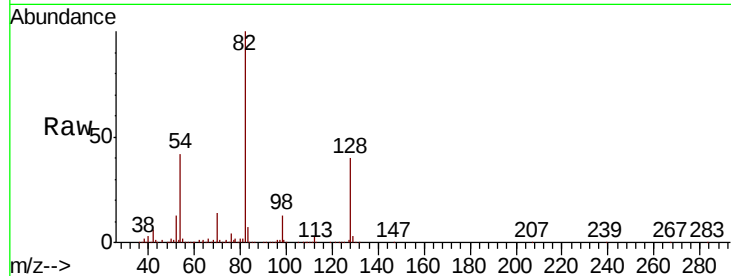
#23
Nitrobenzene-d5
Concen: 73.806 ng
RT: 7.41 min Scan# 905
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
82	100		
128	39.6	32.8	49.2
54	42.1	36.9	55.3

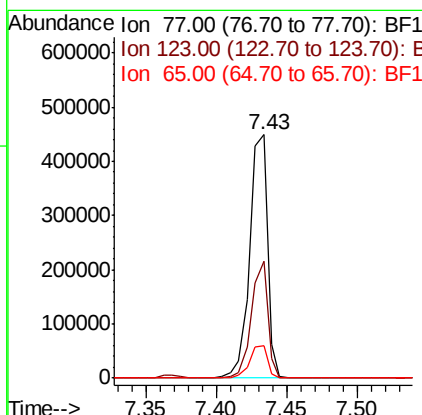
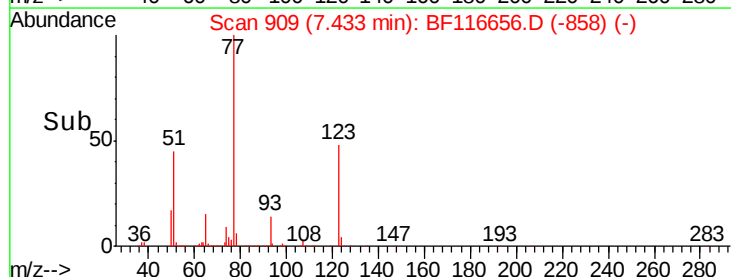
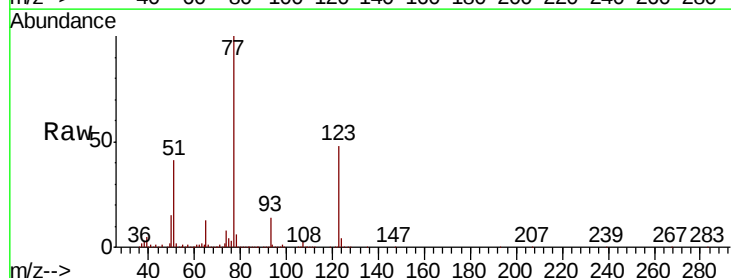
Manual Integrations
APPROVED

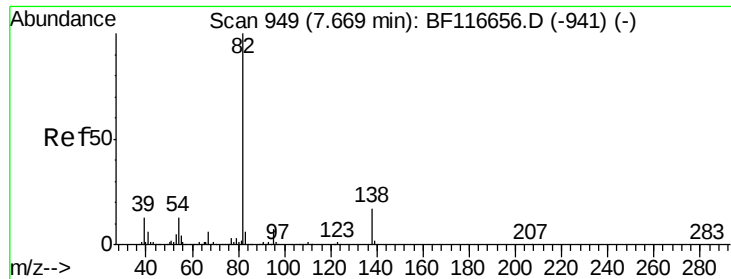
mohammad
8/31/2019 2:45:13 PM



#24
Nitrobenzene
Concen: 38.287 ng
RT: 7.43 min Scan# 909
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.1	33.1	49.7
65	13.1	10.6	15.8





#25

Isophorone

Concen: 41.091 ng

RT: 7.67 min Scan# 949

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

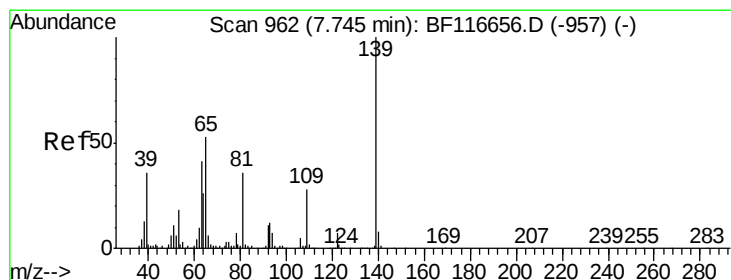
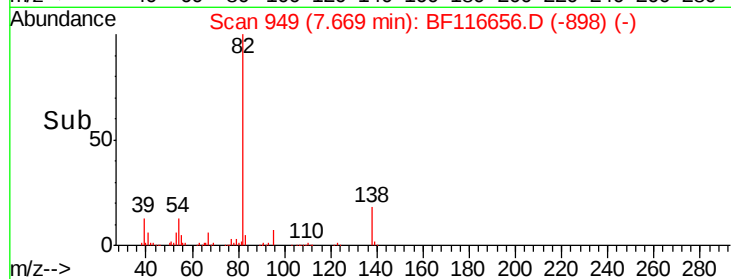
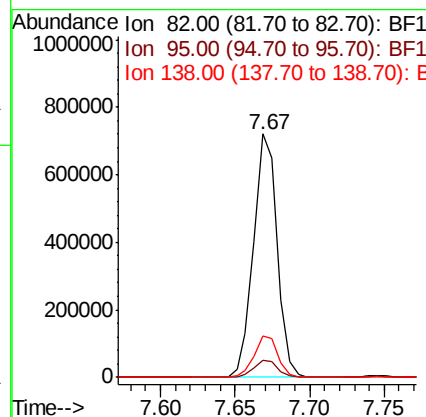
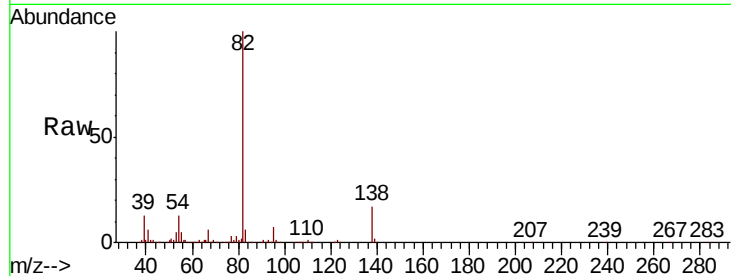
ClientSampleId :

SSTDICCC040

Tot Ion:	82	Resp:	779062
Ion Ratio	Lower	Upper	
82	100		
95	6.9	5.8	8.6
138	16.9	13.5	20.3

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



#26

2-Nitrophenol

Concen: 31.196 ng

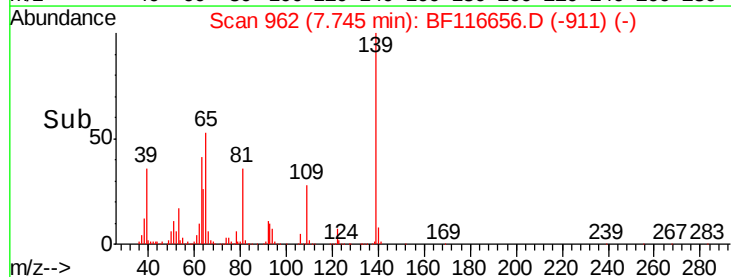
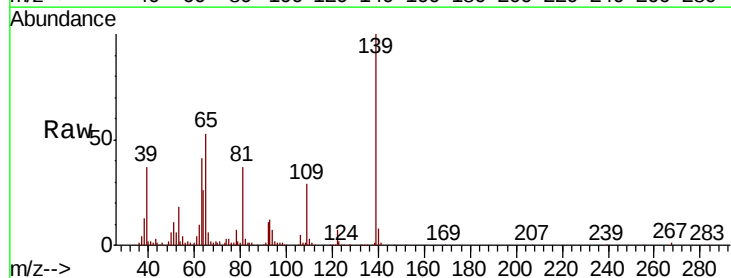
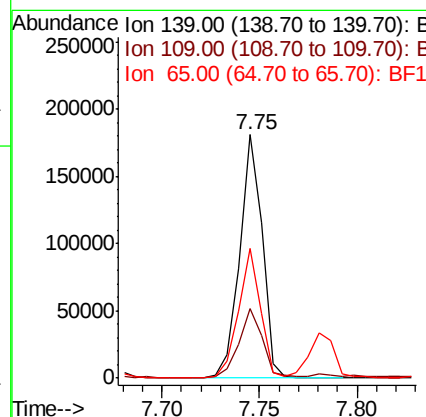
RT: 7.75 min Scan# 962

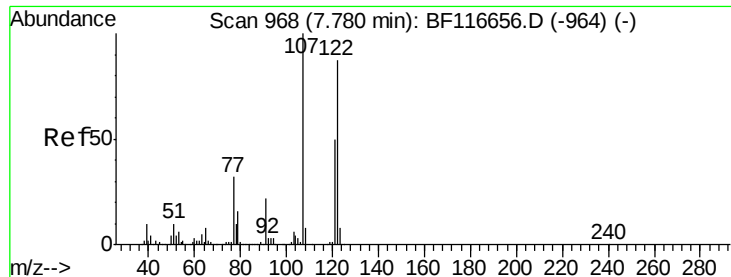
Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion:	139	Resp:	145415
Ion Ratio	Lower	Upper	
139	100		
109	28.7	27.1	40.7
65	53.3	43.0	64.6





#27

2,4-Dimethylphenol

Concen: 40.405 ng

RT: 7.78 min Scan# 968

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

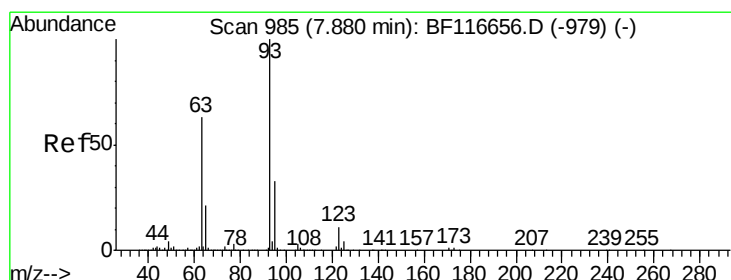
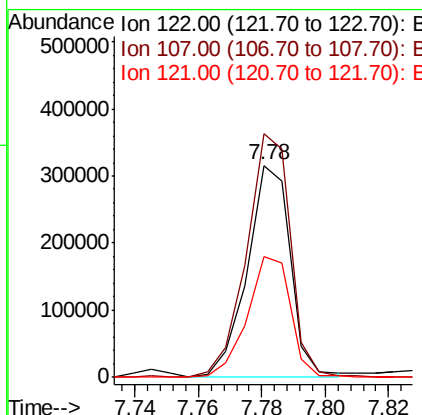
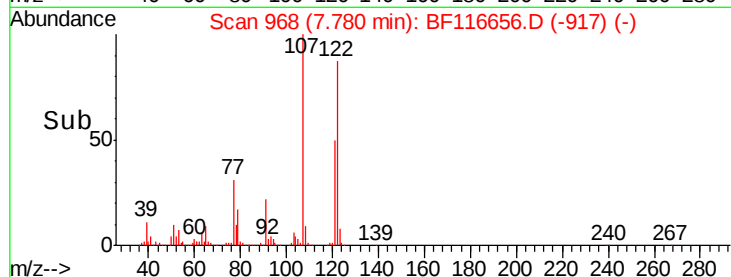
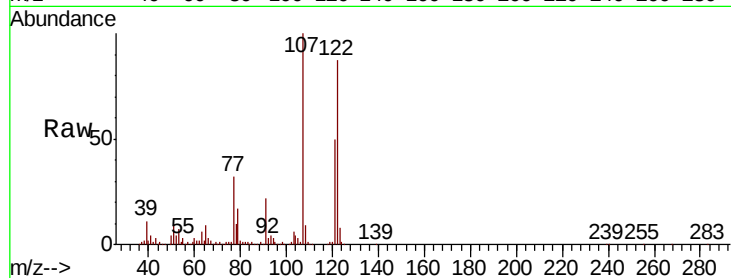
ClientSampleId :

SSTDICCC040

Tot Ion:	122	Resp:	298442
Ion Ratio	Lower	Upper	
122	100		
107	115.0	98.1	147.1
121	57.2	47.3	70.9

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



#28

bis(2-Chloroethoxy)methane

Concen: 41.248 ng

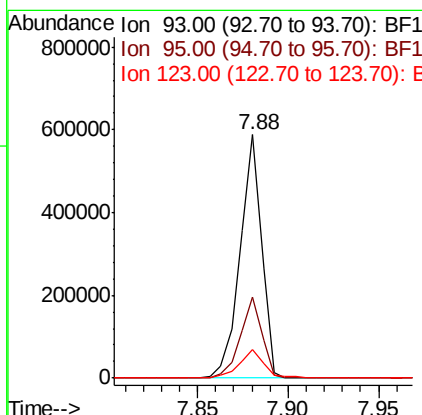
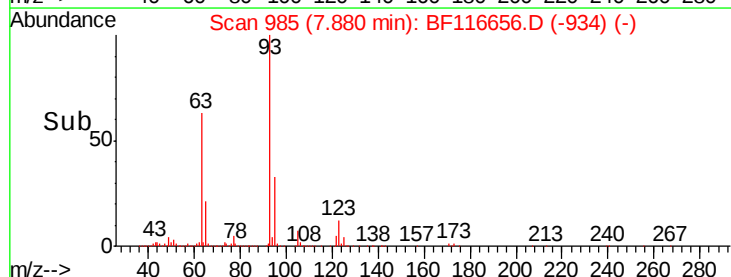
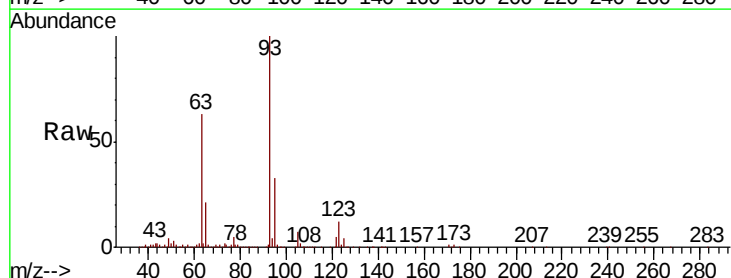
RT: 7.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion:	93	Resp:	483357
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.4	39.6
123	11.5	9.8	14.8





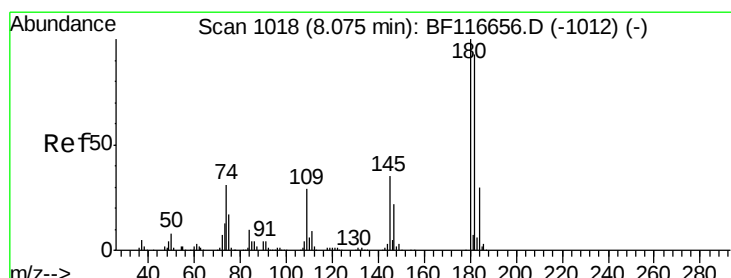
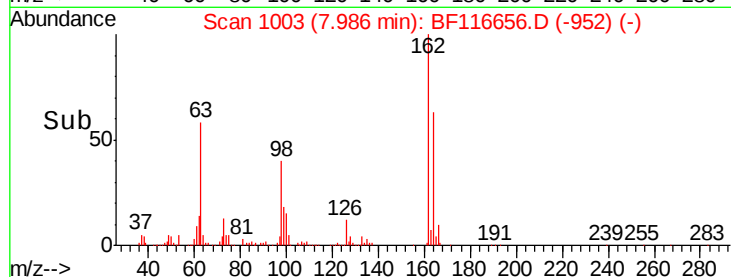
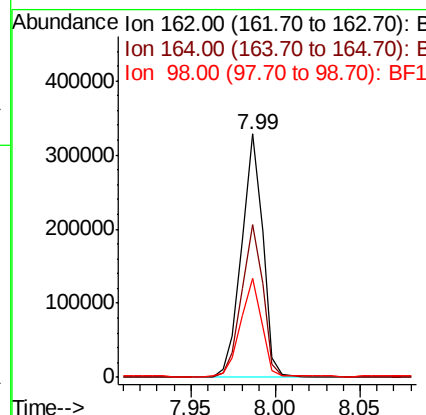
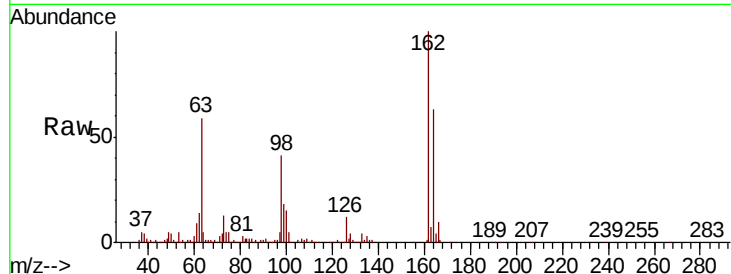
#29
 2,4-Dichlorophenol
 Concen: 36.828 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Resp	Lower	Upper
162	100	287339		
164	62.7	43.4	83.4	
98	40.5	18.1	58.1	

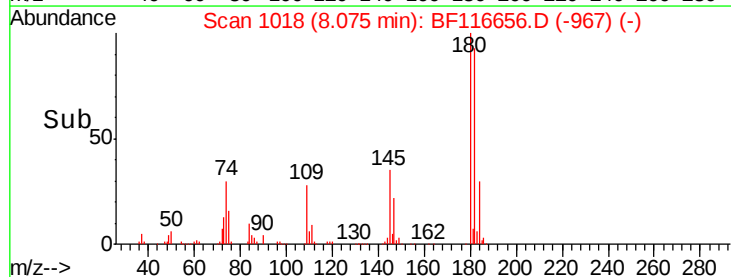
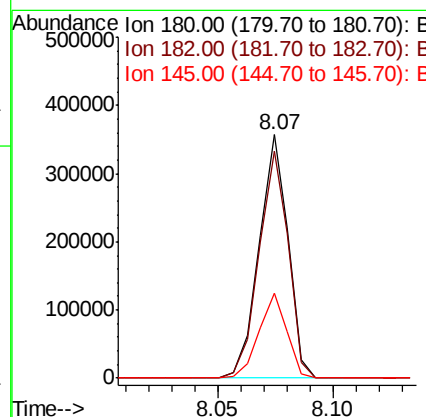
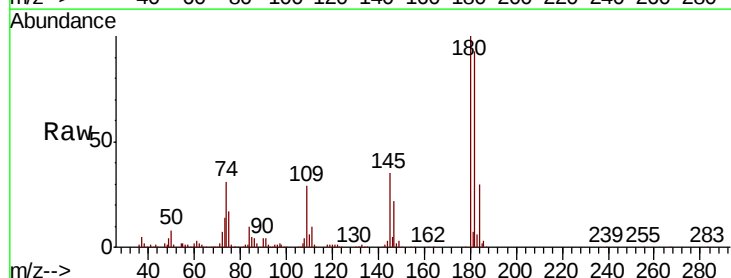
Manual Integrations
 APPROVED

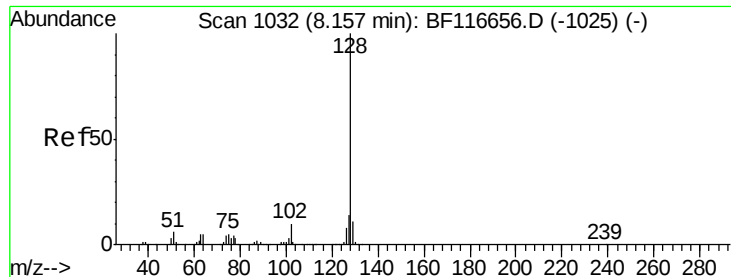
mohammad
 8/31/2019 2:45:13 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 34.806 ng
 RT: 8.07 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	312560		
182	93.1	78.6	118.0	
145	34.9	25.7	38.5	





#31

Naphthalene

Concen: 38.143 ng

RT: 8.16 min Scan# 1032

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

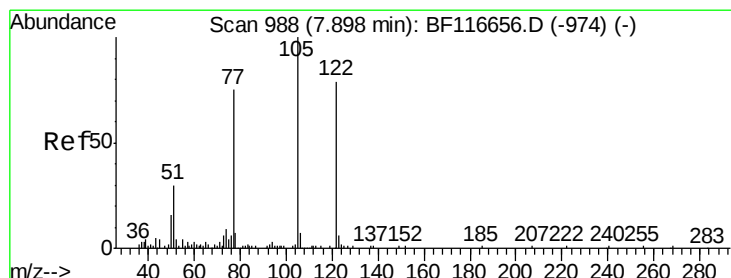
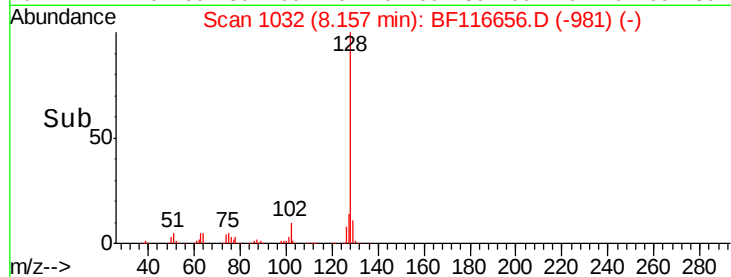
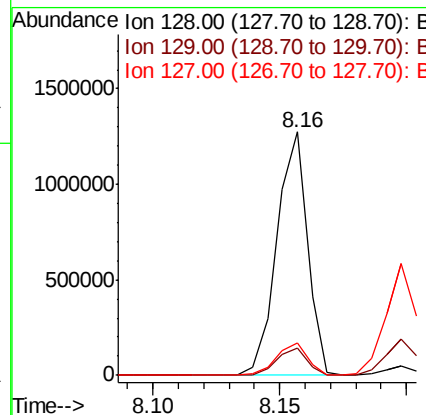
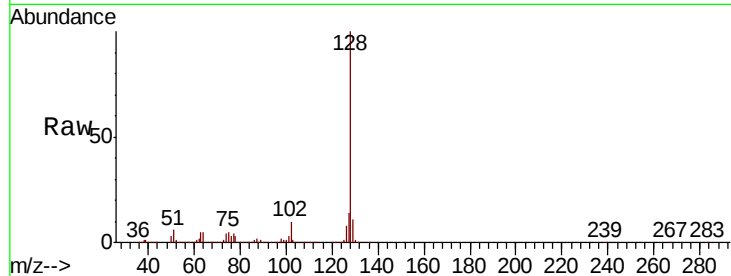
ClientSampleId :

SSTDICCC040

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.6	10.4	15.6

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



#32

Benzoic acid

Concen: 23.997 ng

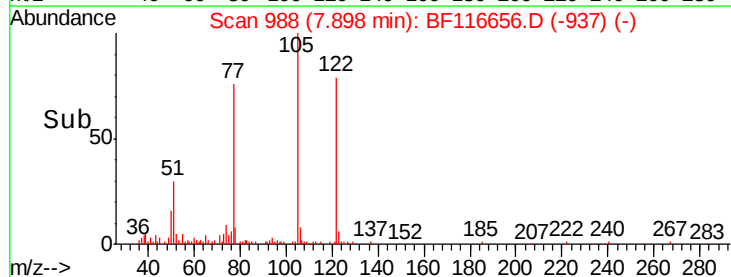
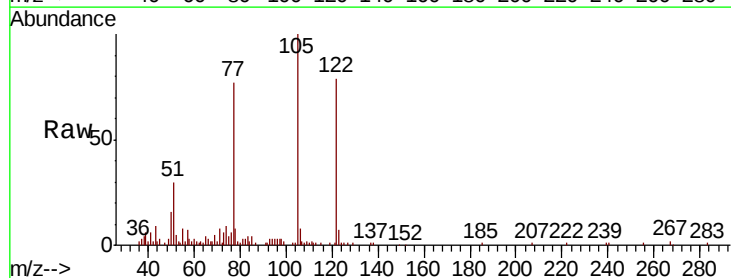
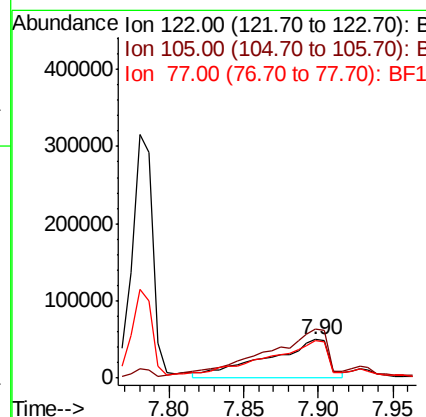
RT: 7.90 min Scan# 988

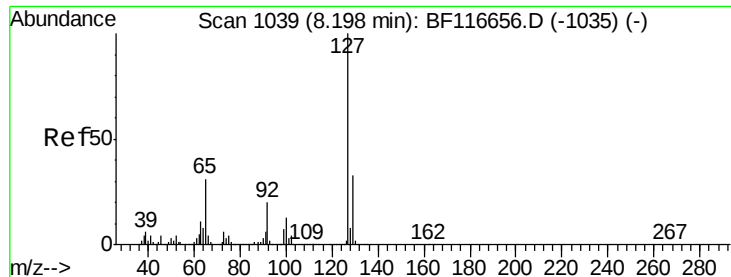
Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
122	100		
105	126.0	110.0	150.0
77	96.6	81.7	121.7





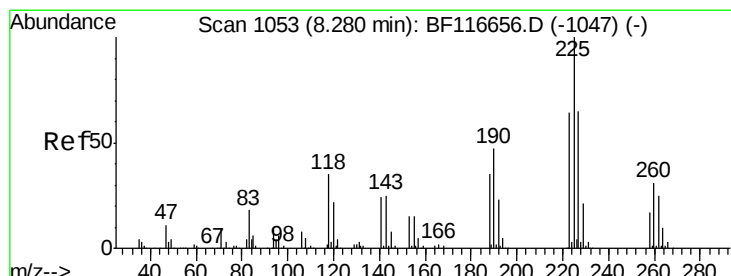
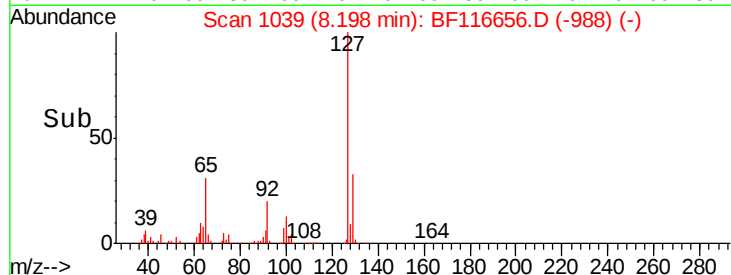
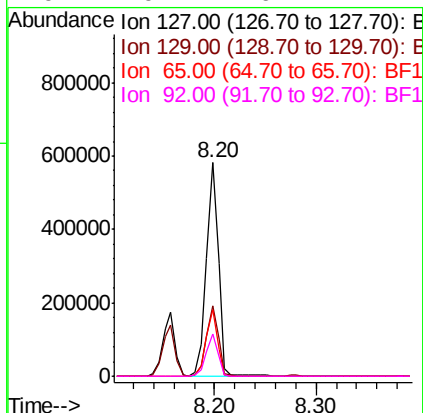
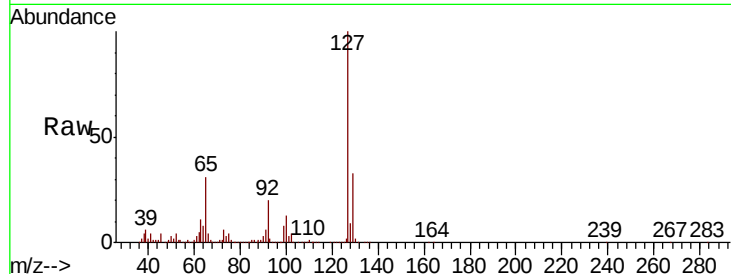
#33
 4-Chloroaniline
 Concen: 40.359 ng
 RT: 8.20 min Scan# 1039
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		478480		
129	32.9	26.2	39.2		
65	31.1	26.0	39.0		
92	19.7	16.1	24.1		

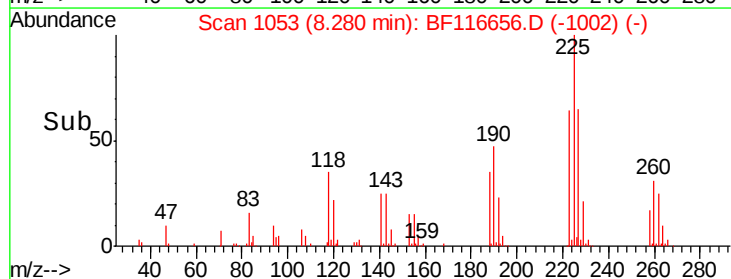
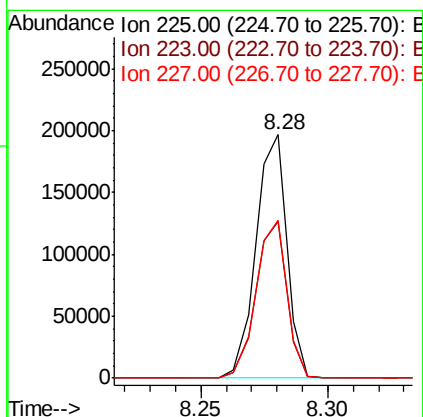
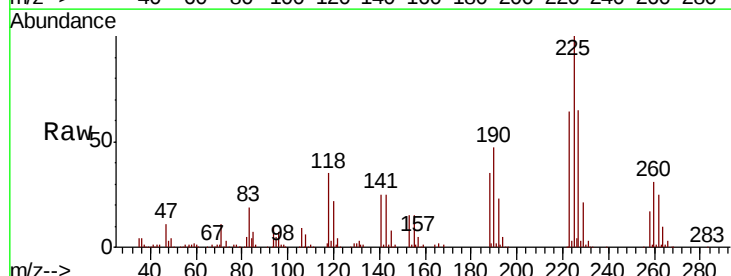
Manual Integrations
 APPROVED

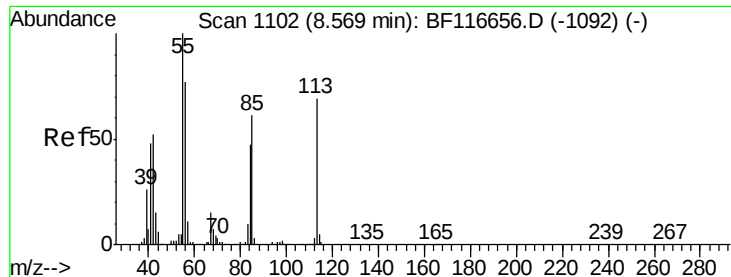
mohammad
 8/31/2019 2:45:13 PM



#34
 Hexachlorobutadiene
 Concen: 32.627 ng
 RT: 8.28 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		167828		
223	64.3	49.4	74.2		
227	64.6	51.0	76.4		





#35

Caprolactam

Concen: 42.737 ng

RT: 8.57 min Scan# 1102

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

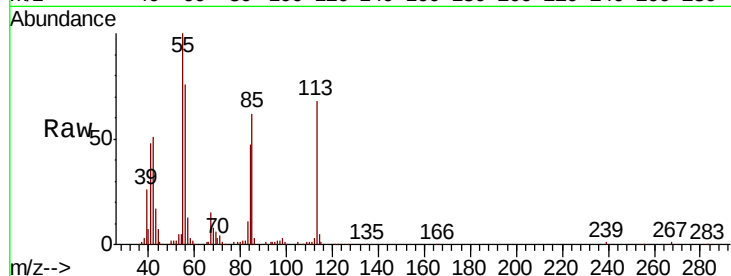
ClientSampled :

SSTDICCC040

Tot Ion:	113	Resp:	105638
Ion Ratio	Lower	Upper	
113	100		
55	147.4	124.3	164.3
56	111.8	94.6	134.6

Manual Integrations
APPROVED

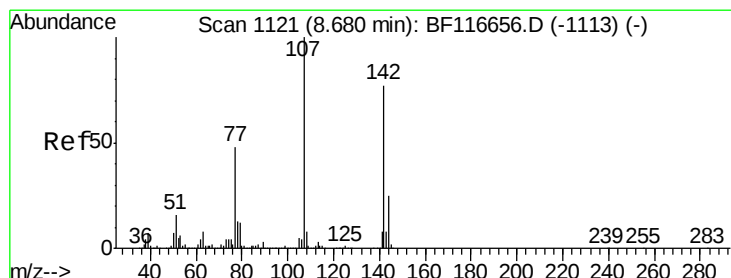
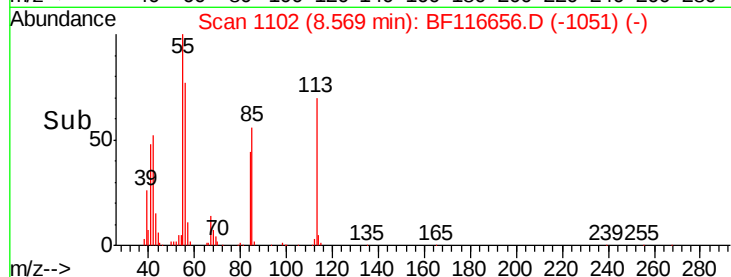
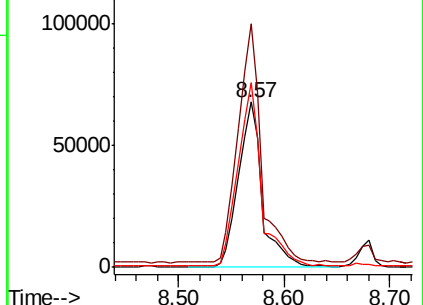
mohammad
8/31/2019 2:45:13 PM



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 38.139 ng

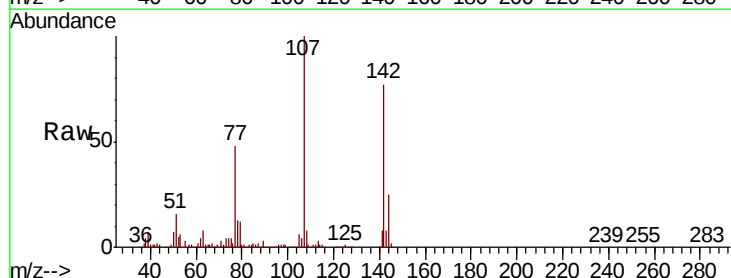
RT: 8.68 min Scan# 1121

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

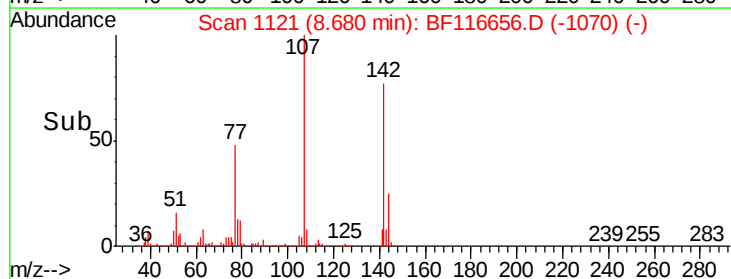
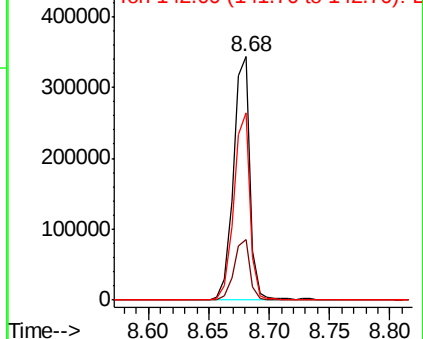
Tgt Ion:	107	Resp:	328910
Ion Ratio	Lower	Upper	
107	100		
144	24.8	18.6	27.8
142	76.7	58.5	87.7

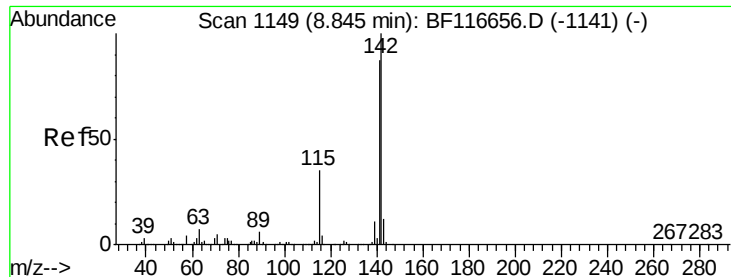


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





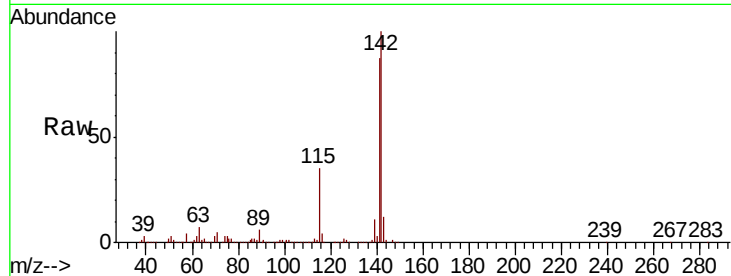
#37
2-Methylnaphthalene
Concen: 38.537 ng
RT: 8.85 min Scan# 1149
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.4	72.6	109.0
115	35.0	29.8	44.6

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM

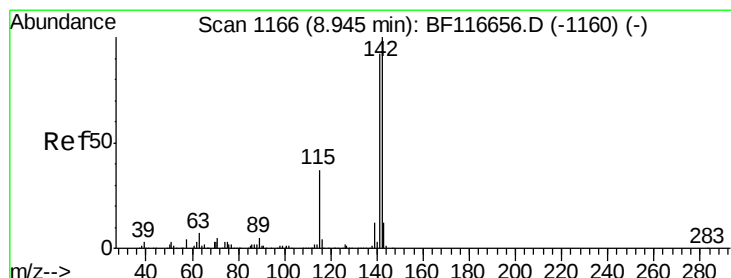
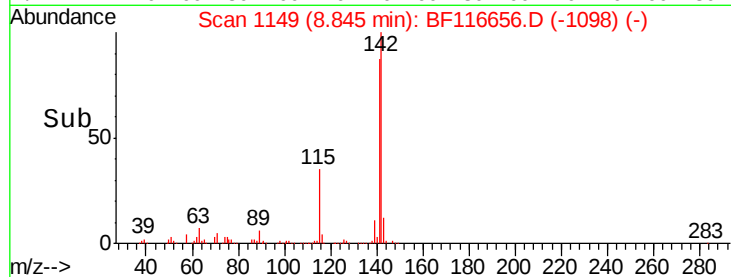
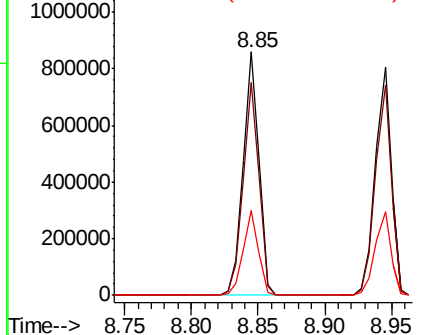


Abundance

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: 38.143 ng
RT: 8.95 min Scan# 1166
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

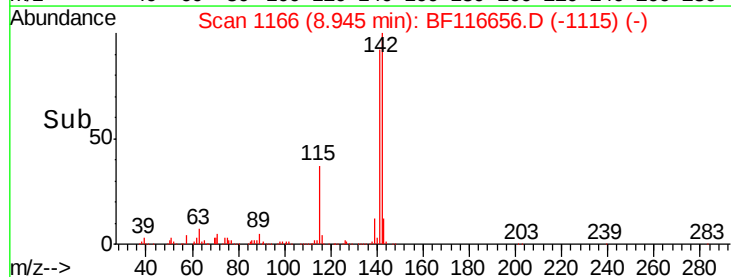
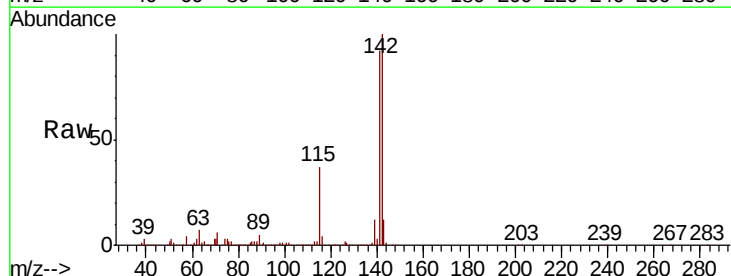
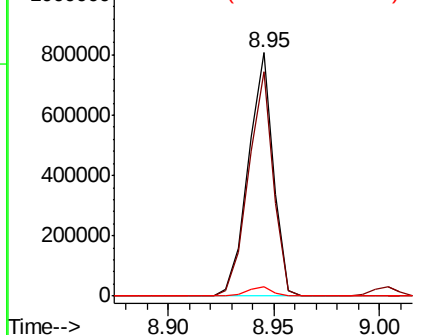
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.9	110.9
116	3.7	3.0	4.6

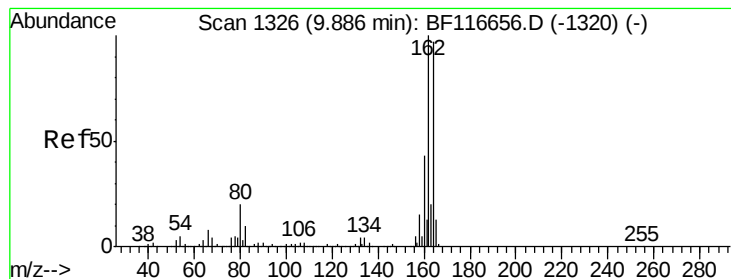
Abundance

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: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

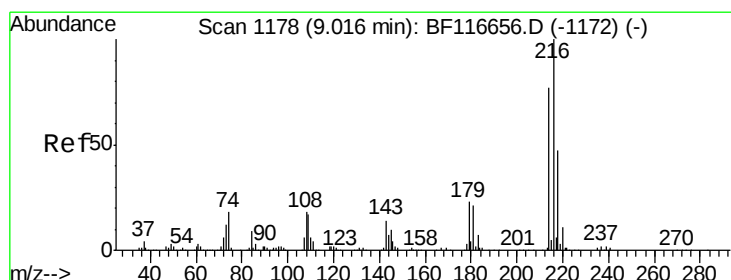
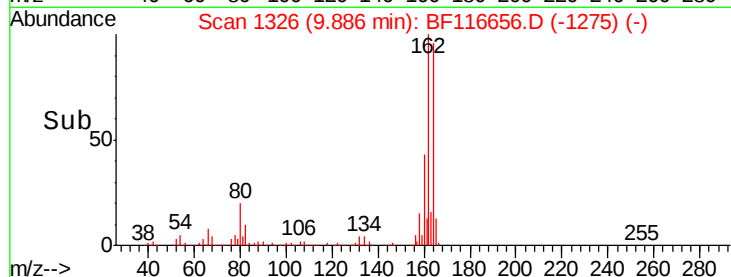
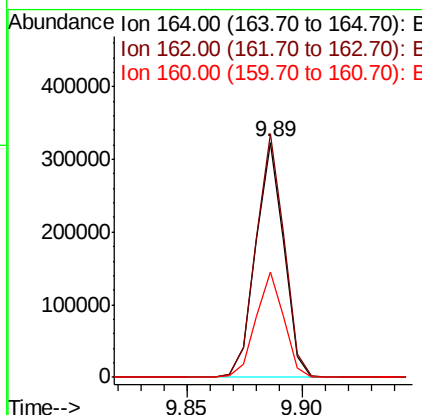
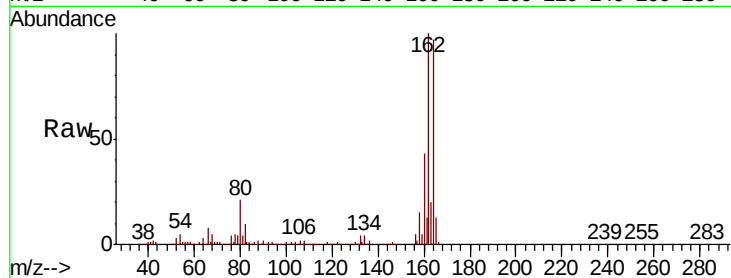
ClientSampleId :

SSTDICCC040

Tot Ion:	164	Resp:	275115
Ion Ratio	Lower	Upper	
164	100		
162	103.6	81.4	122.0
160	45.0	35.4	53.2

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 28.497 ng

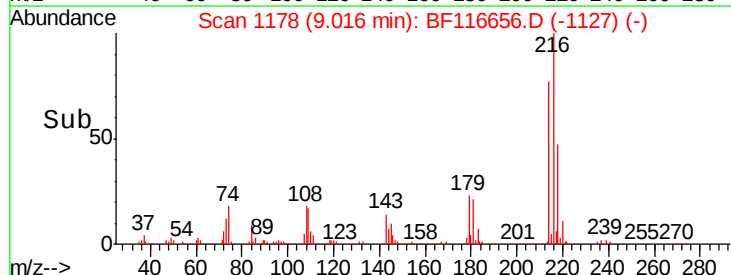
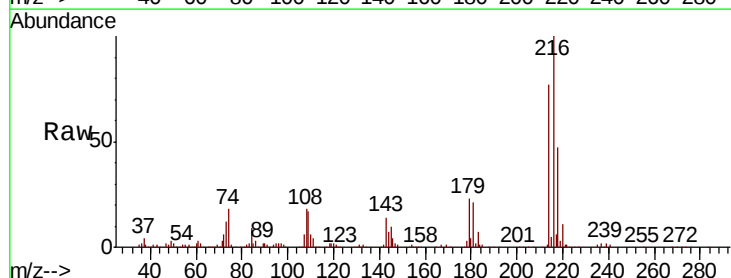
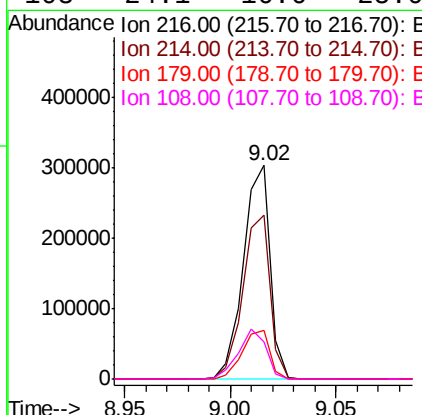
RT: 9.02 min Scan# 1178

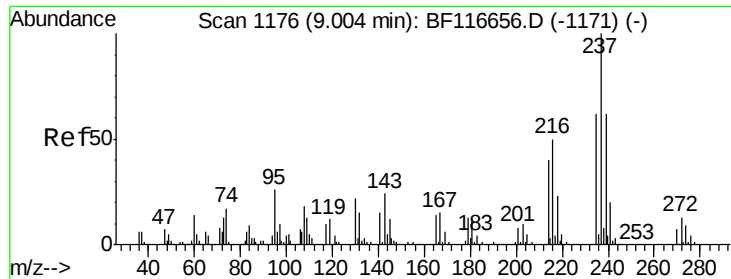
Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion:	216	Resp:	265960
Ion Ratio	Lower	Upper	
216	100		
214	78.2	62.7	94.1
179	23.6	19.3	28.9
108	24.1	16.6	25.0





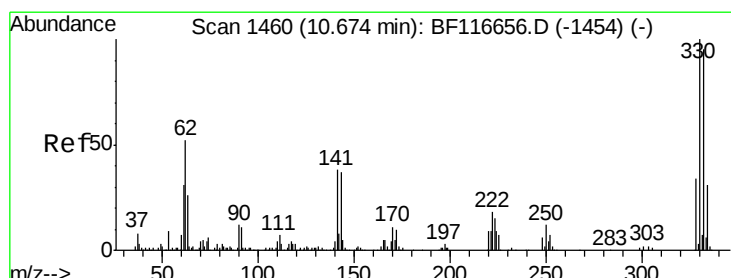
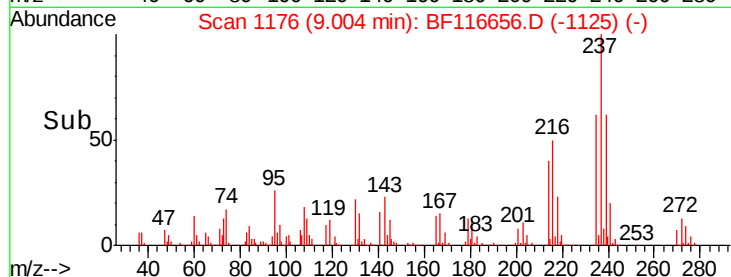
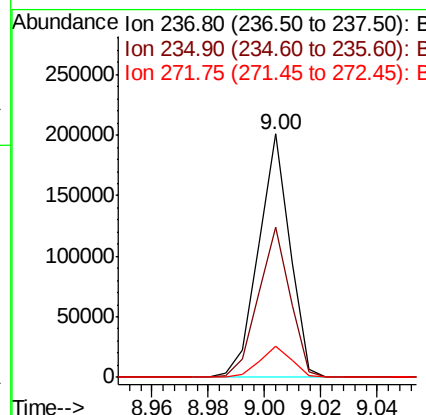
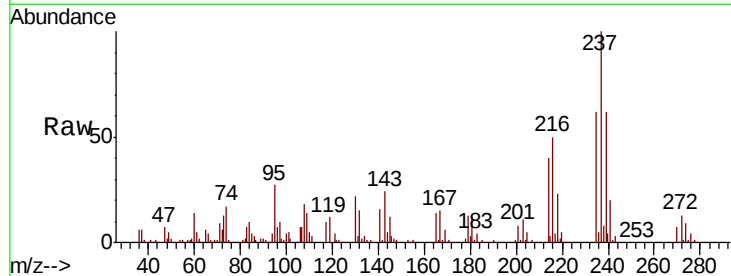
#41
Hexachlorocyclopentadiene
Concen: 28.316 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleID :
SSTDICCC040

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	61.9	41.4	81.4
272	12.6	0.0	32.8

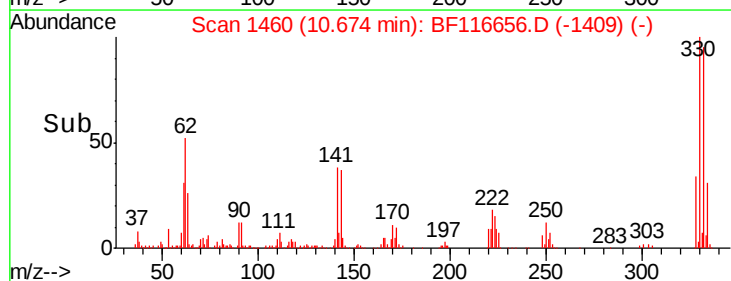
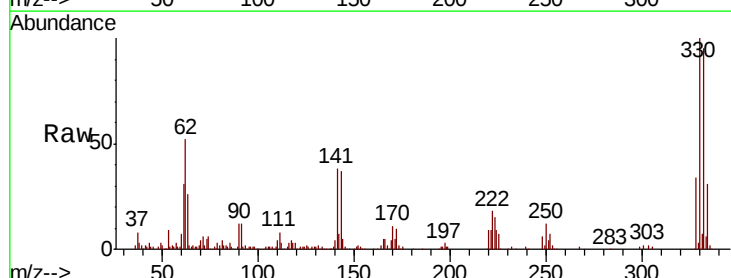
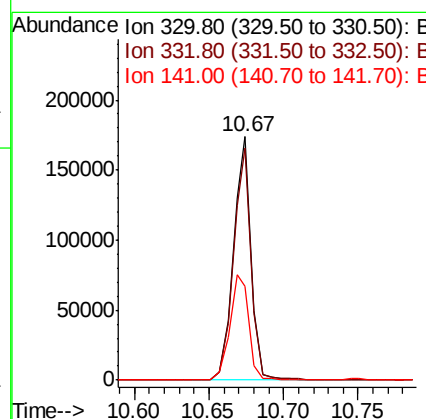
Manual Integrations
APPROVED

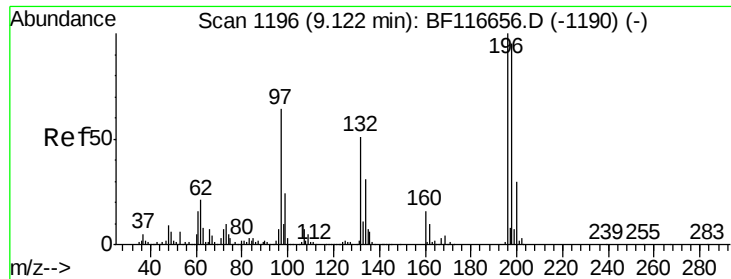
mohammad
8/31/2019 2:45:13 PM



#42
2,4,6-Tribromophenol
Concen: 46.056 ng
RT: 10.67 min Scan# 1460
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	95.5	76.9	115.3
141	47.0	31.4	47.2





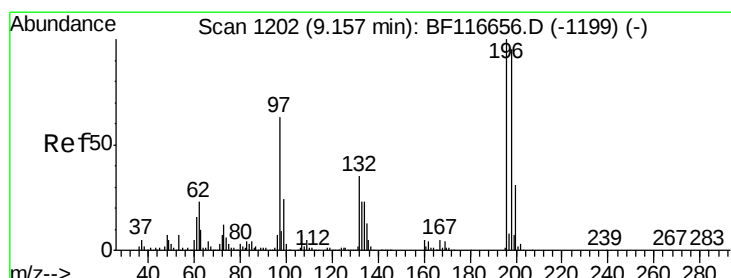
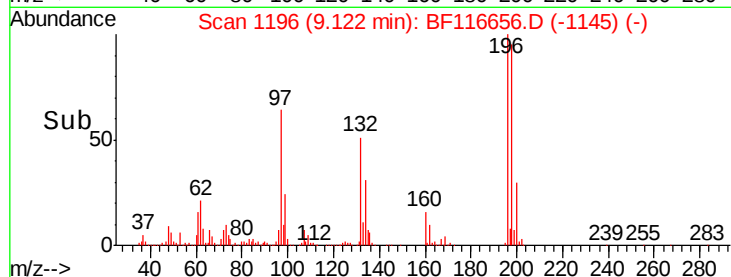
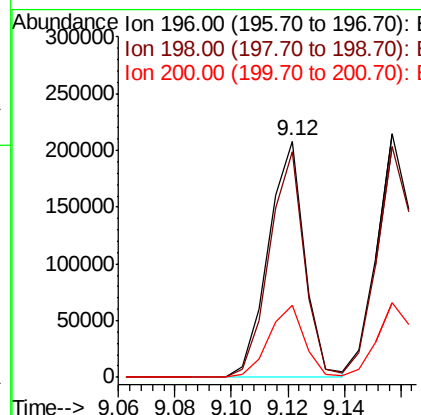
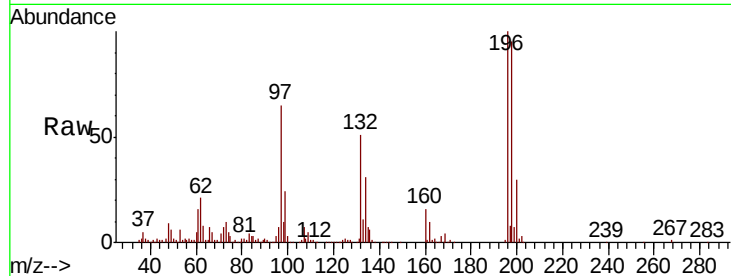
#43
2,4,6-Trichlorophenol
Concen: 29.317 ng
RT: 9.12 min Scan# 1196
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
196	100	184489		
198	95.5	79.1	118.7	
200	30.4	24.0	36.0	

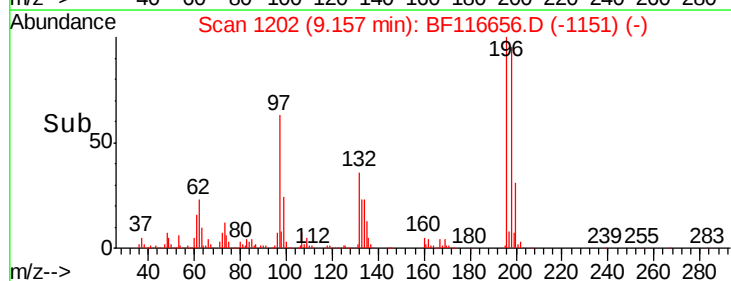
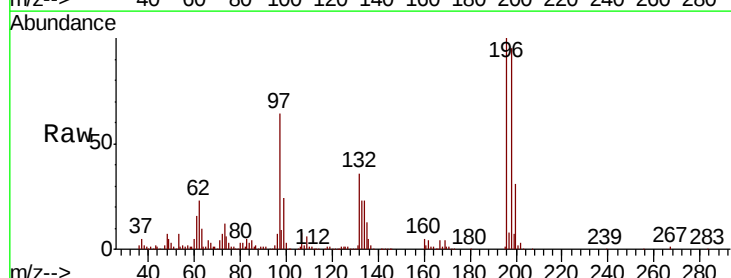
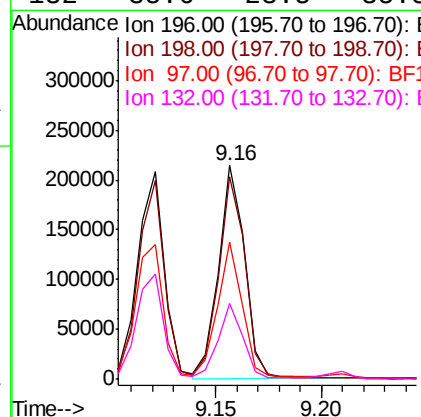
Manual Integrations
APPROVED

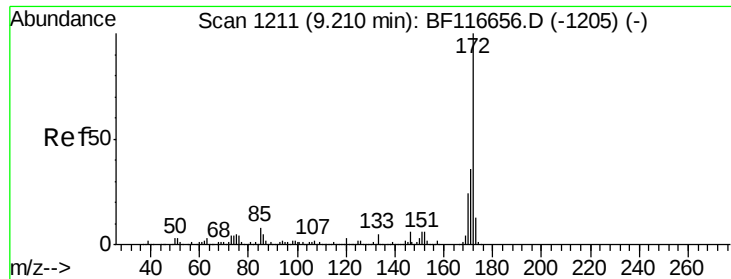
mohammad
8/31/2019 2:45:13 PM



#44
2,4,5-Trichlorophenol
Concen: 29.145 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	186321		
198	94.7	78.1	117.1	
97	63.9	41.6	62.4#	
132	35.6	23.5	35.3#	





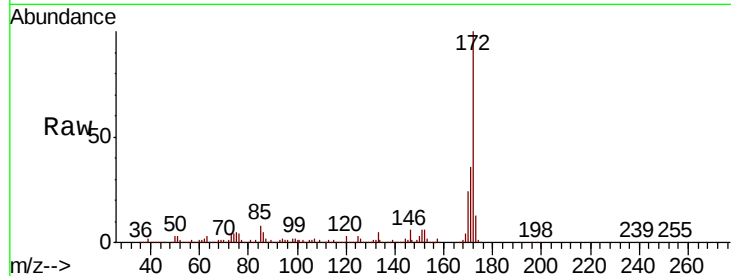
#45
2-Fluorobiphenyl
Concen: 59.120 ng
RT: 9.21 min Scan# 1211
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ion	Ratio	Lower	Upper
172	100			
171	36.4	27.8	41.6	
170	24.5	18.9	28.3	

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM

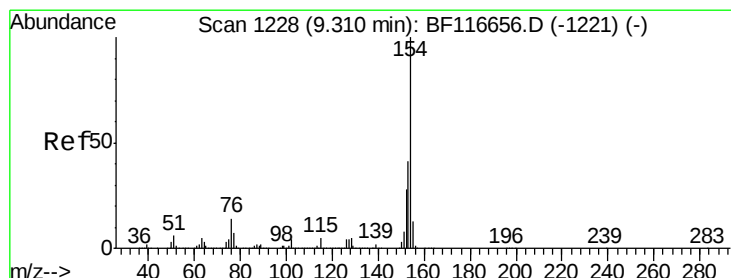
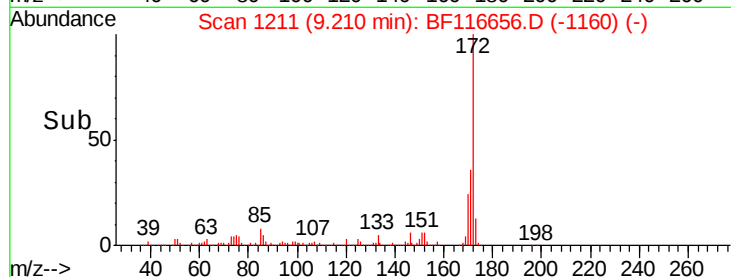
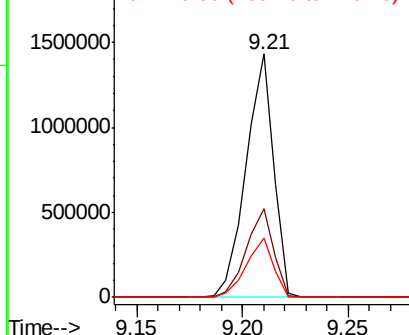


Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
1,1'-Biphenyl
Concen: 31.717 ng
RT: 9.31 min Scan# 1228
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

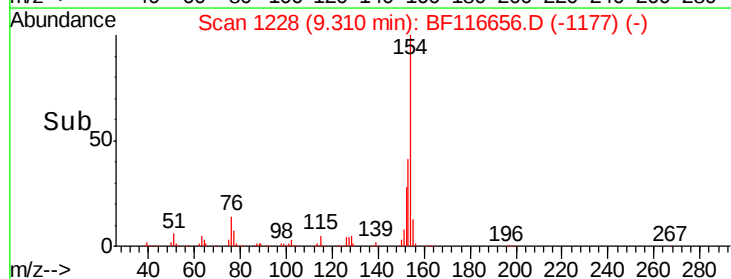
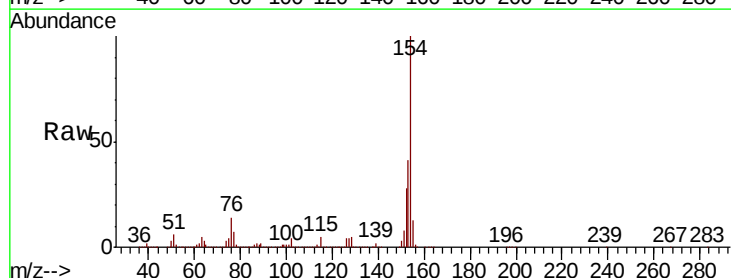
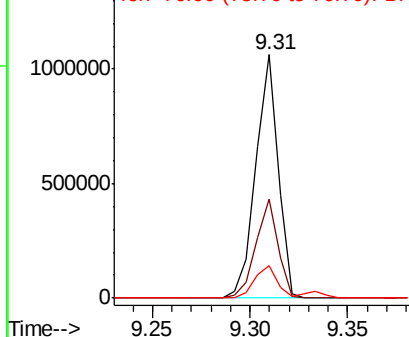
Tgt Ion	Ion	Ratio	Lower	Upper
154	100			
153	40.9	21.2	61.2	
76	13.5	0.0	30.9	

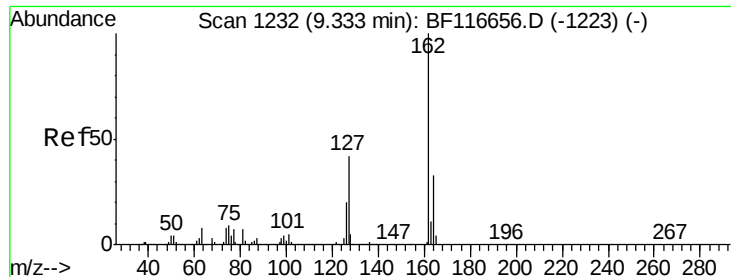
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1





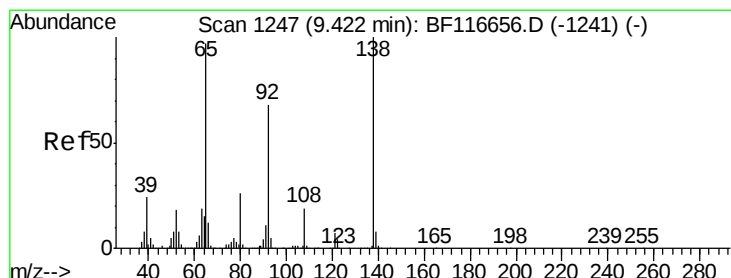
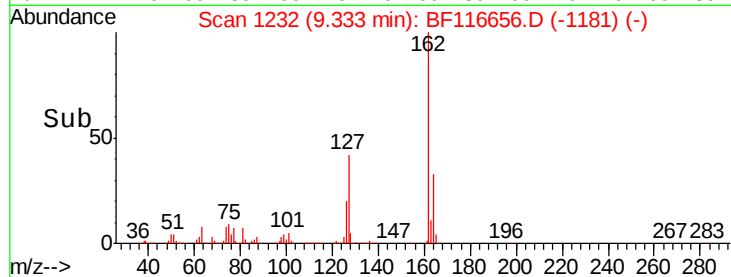
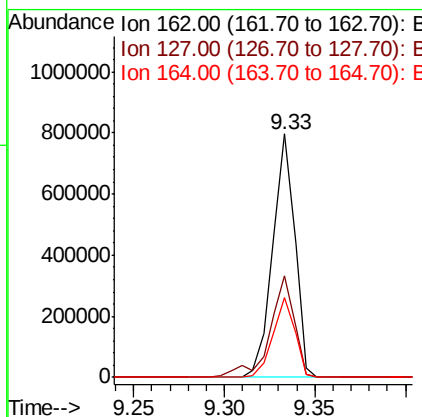
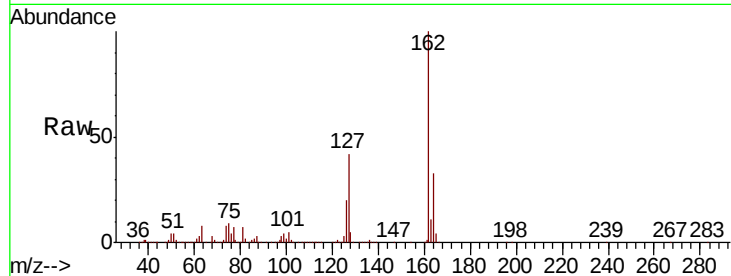
#47
2-Chloronaphthalene
Concen: 32.911 ng
RT: 9.33 min Scan# 1232
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
162	100		
127	42.0	33.4	50.2
164	32.5	26.6	39.8

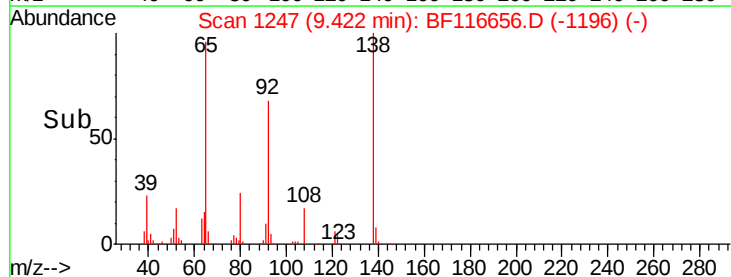
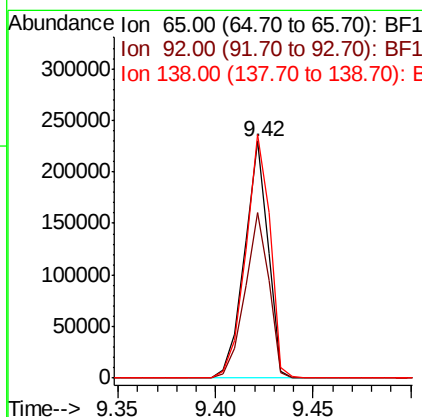
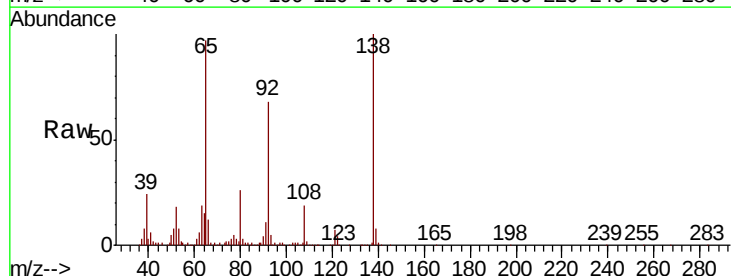
Manual Integrations
APPROVED

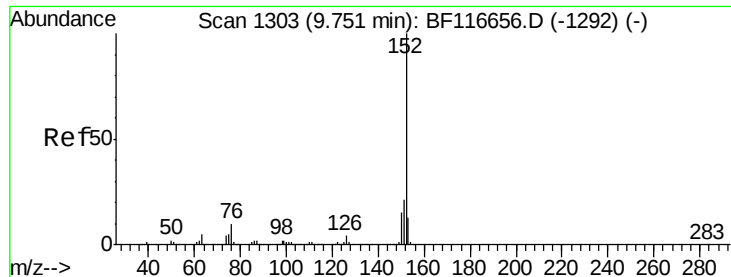
mohammad
8/31/2019 2:45:13 PM



#48
2-Nitroaniline
Concen: 30.405 ng
RT: 9.42 min Scan# 1247
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	57.1	85.7
138	102.7	88.2	132.2





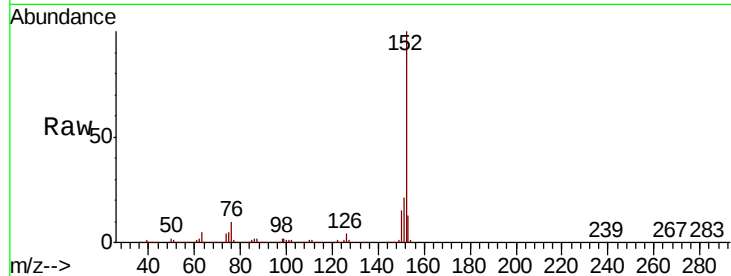
#49
Acenaphthylene
Concen: 36.199 ng
RT: 9.75 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

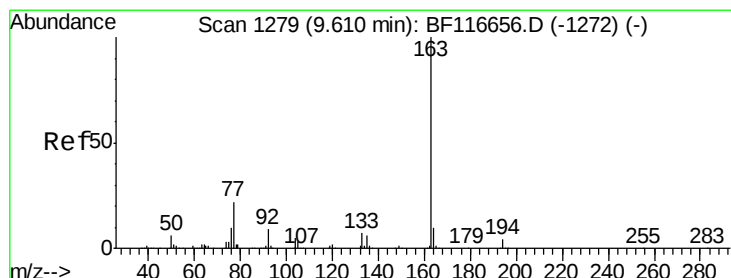
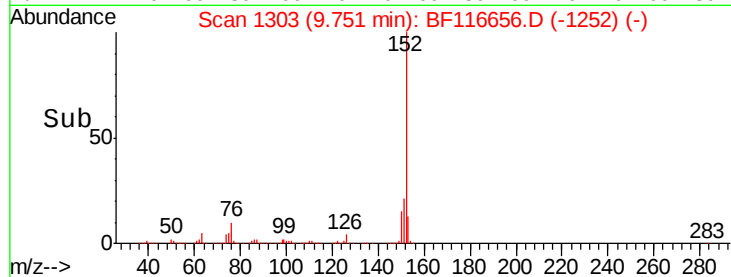
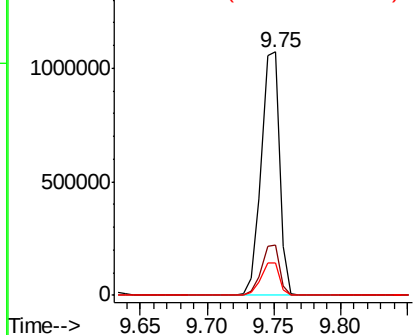
Tot Ion:152	Resp: 1012684		
Ion Ratio	Lower	Upper	
152	100		
151	20.6	15.9	23.9
153	13.2	10.9	16.3

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM

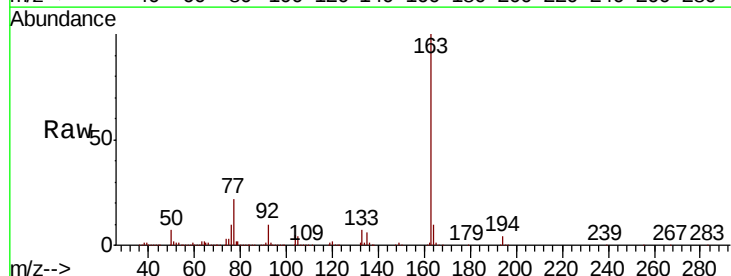


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

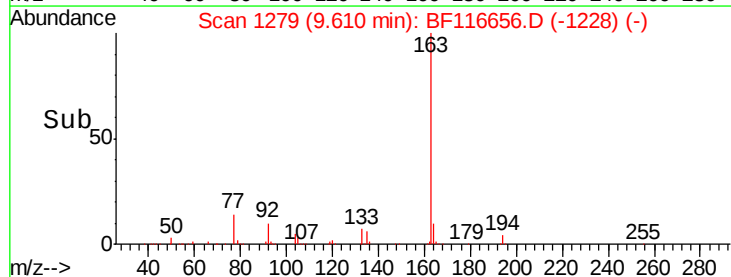
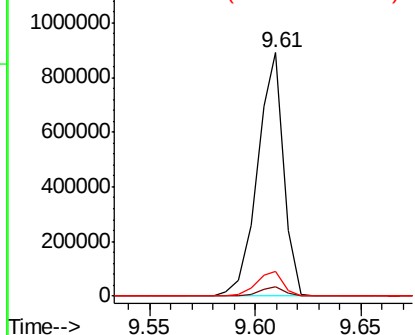


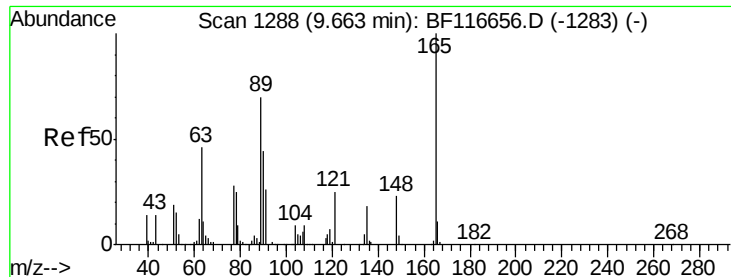
#50
Dimethylphthalate
Concen: 32.619 ng
RT: 9.61 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	163	Resp: Lower	764320 Upper
	Ratio		
163	100		
194	3.8	2.8	4.2
164	10.0	8.6	12.8



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





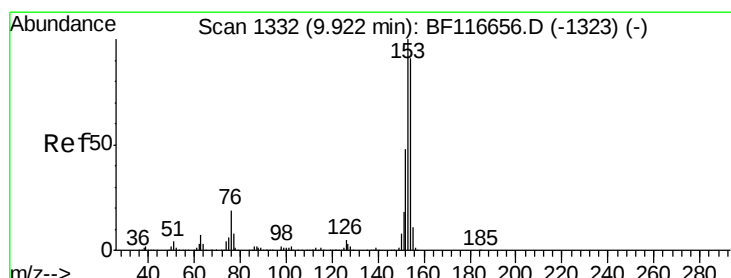
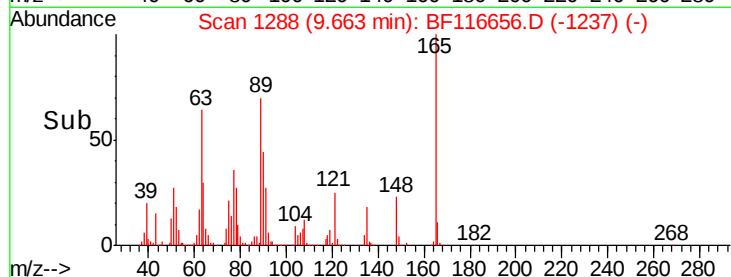
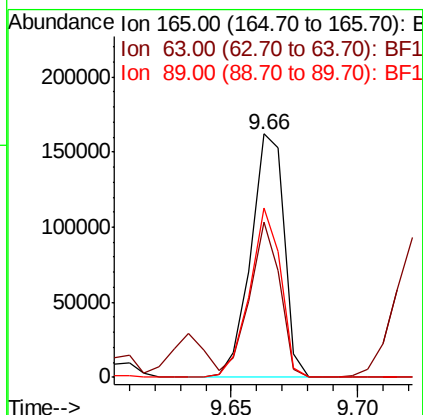
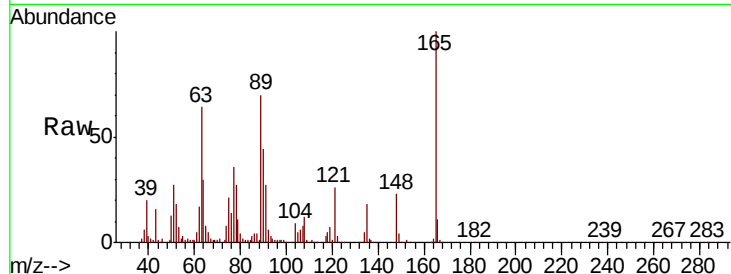
#51
2,6-Dinitrotoluene
Concen: 30.780 ng
RT: 9.66 min Scan# 1288
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion:	165	Resp:	148351
Ion Ratio	Lower	Upper	
165	100		
63	63.8	47.3	70.9
89	69.6	52.5	78.7

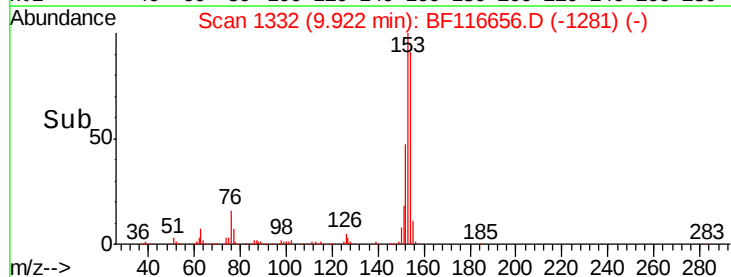
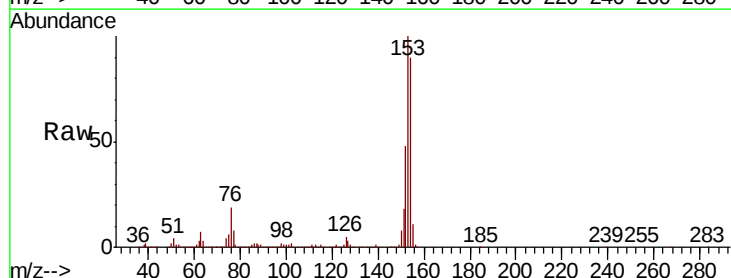
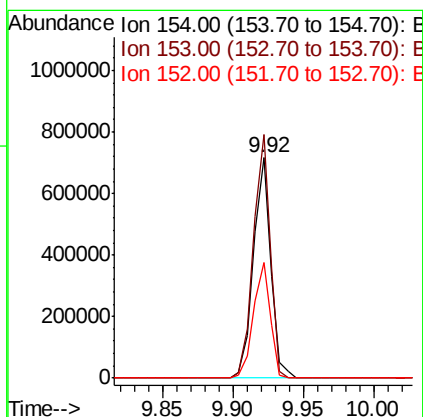
Manual Integrations
APPROVED

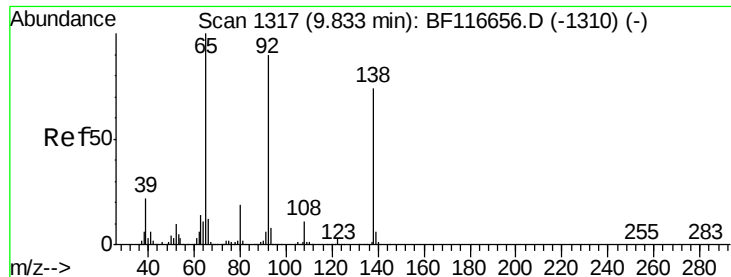
mohammad
8/31/2019 2:45:13 PM



#52
Acenaphthene
Concen: 36.413 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion:	154	Resp:	619130
Ion Ratio	Lower	Upper	
154	100		
153	110.5	89.5	134.3
152	52.7	41.9	62.9





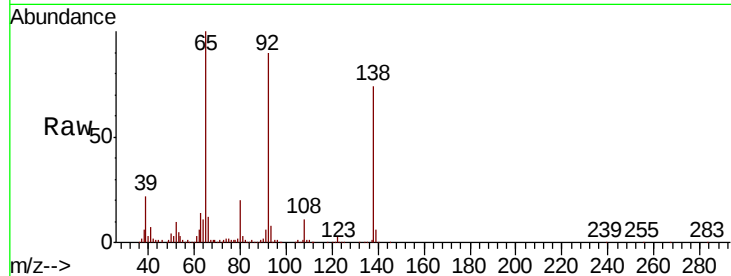
#53
3-Nitroaniline
Concen: 35.407 ng
RT: 9.83 min Scan# 1317
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
138	100		
108	15.4	8.5	12.7#
92	120.8	87.2	130.8

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM

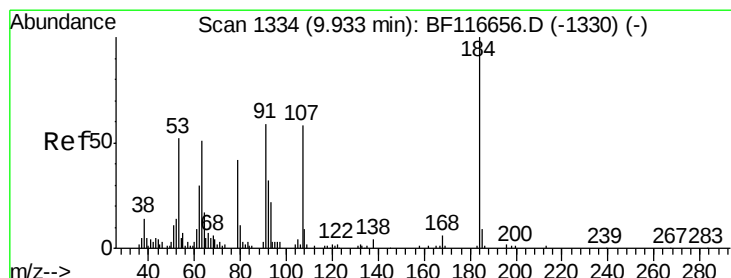
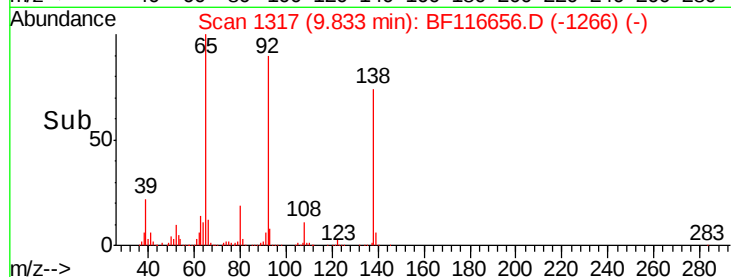
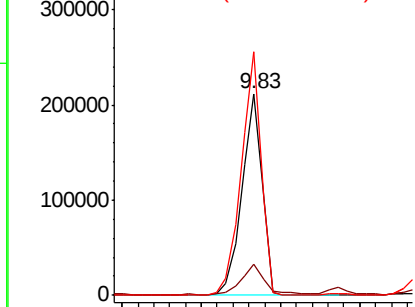


Abundance

Ion 138.00 (137.70 to 138.70): E

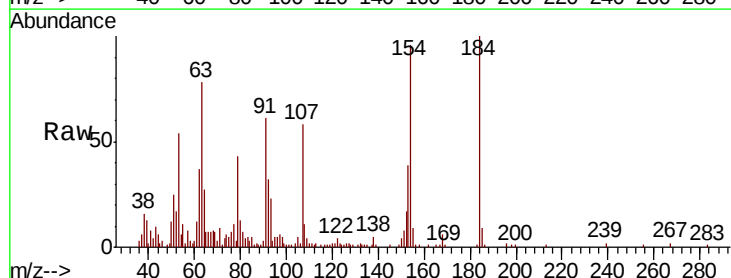
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 20.418 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
184	100		
63	78.1	52.2	78.2
154	96.1	60.8	91.2#

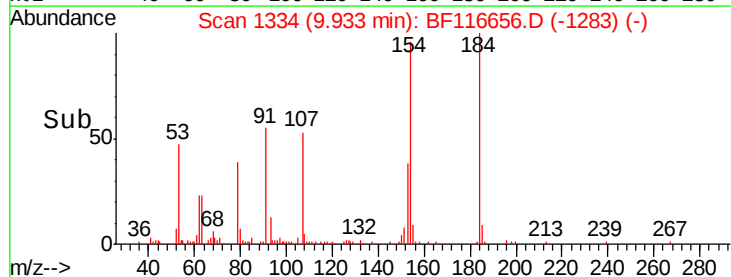
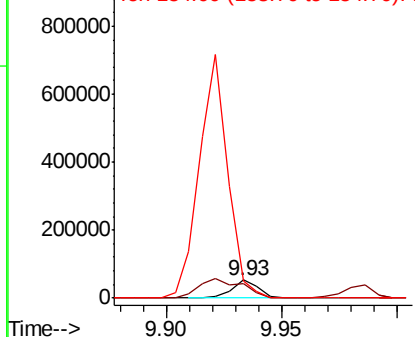


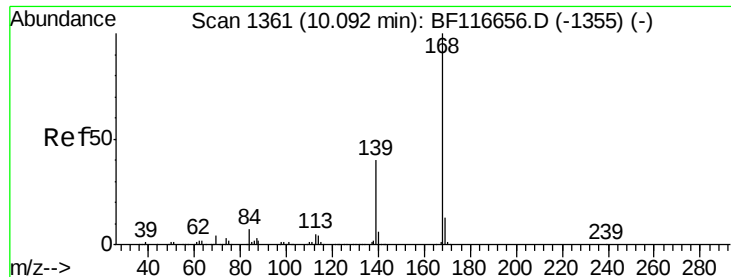
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





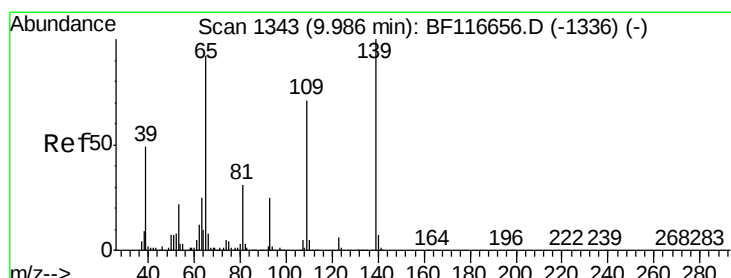
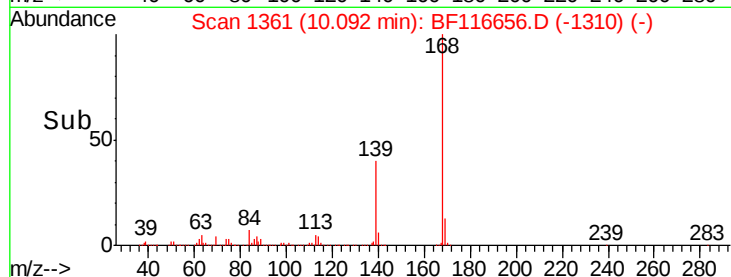
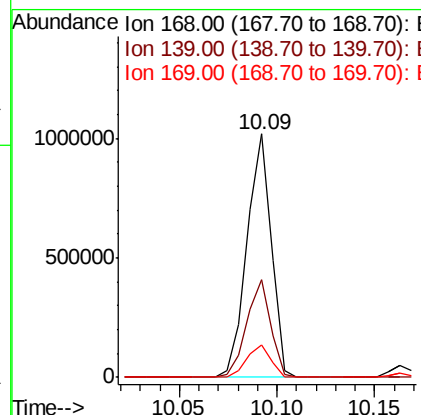
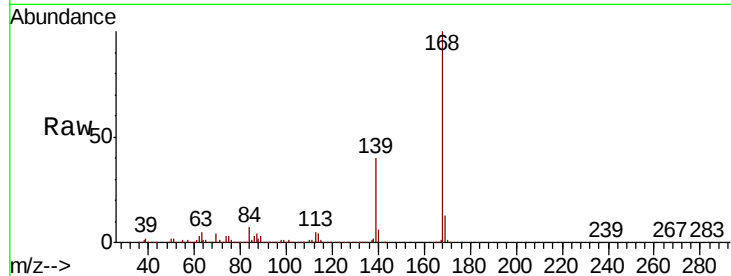
#55
Dibenzofuran
Concen: 34.210 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.4	31.5	47.3
169	13.5	10.3	15.5

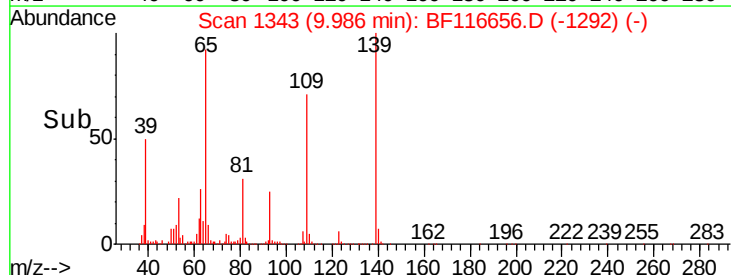
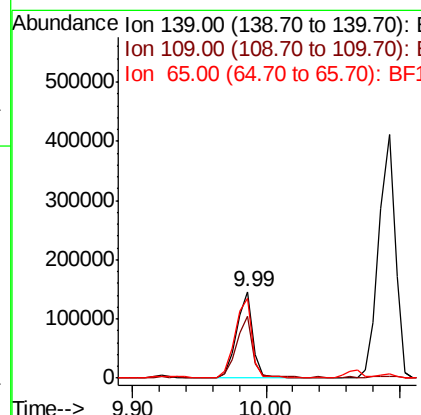
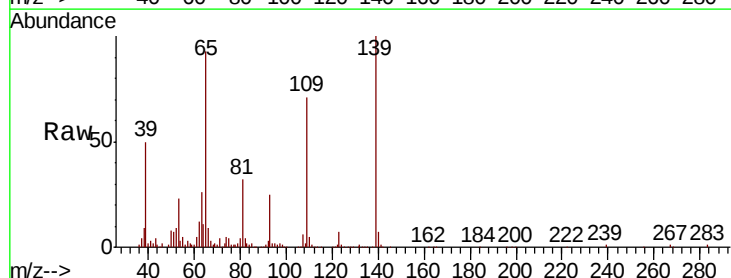
Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



#56
4-Nitrophenol
Concen: 35.135 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
139	100		
109	71.4	61.7	101.7
65	92.8	89.1	129.1





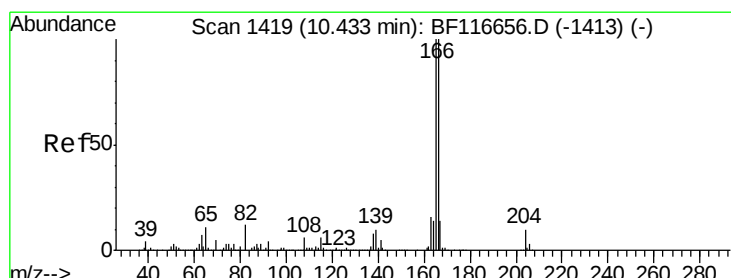
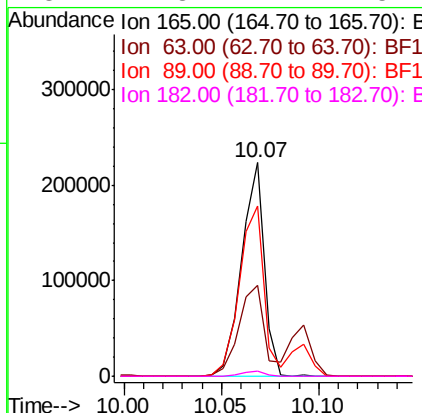
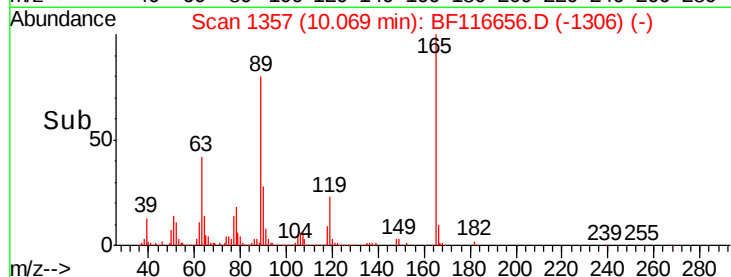
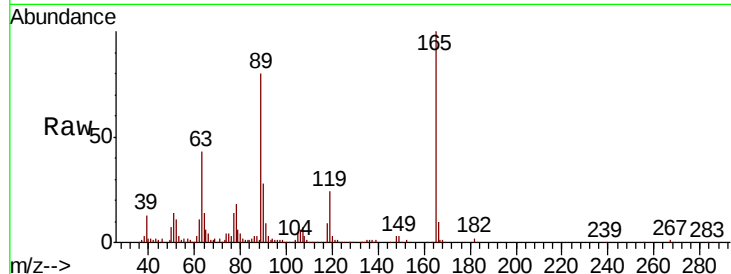
#57
 2,4-Dinitrotoluene
 Concen: 30.336 ng
 RT: 10.07 min Scan# 1357
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		180711		
63	42.5	36.4	54.6		
89	80.0	62.6	94.0		
182	2.3	2.1	3.1		

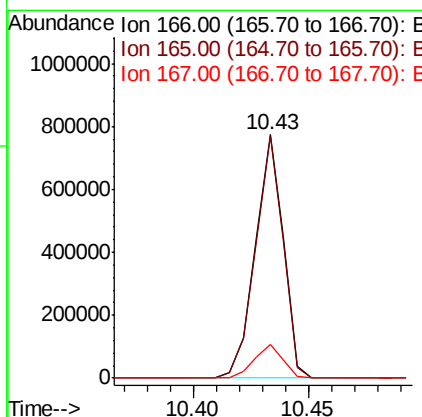
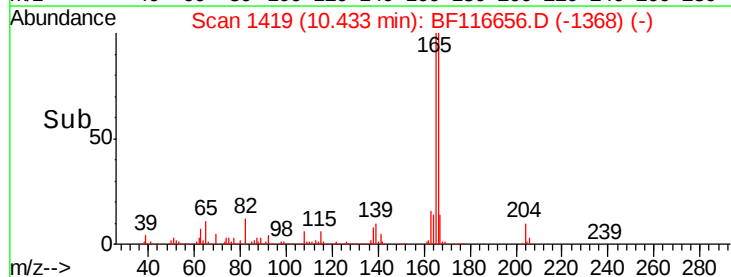
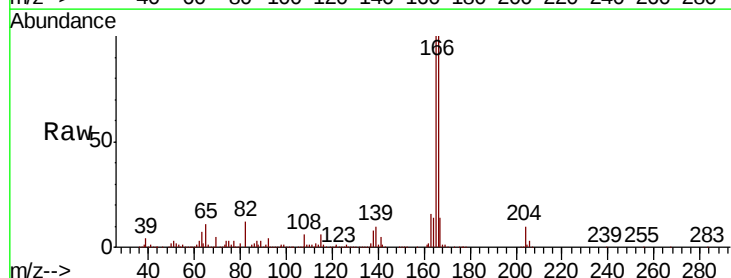
Manual Integrations
 APPROVED

mohammad
 8/31/2019 2:45:13 PM



#58
 Fluorene
 Concen: 31.535 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		655045		
165	99.7	78.8	118.2		
167	13.6	10.0	15.0		





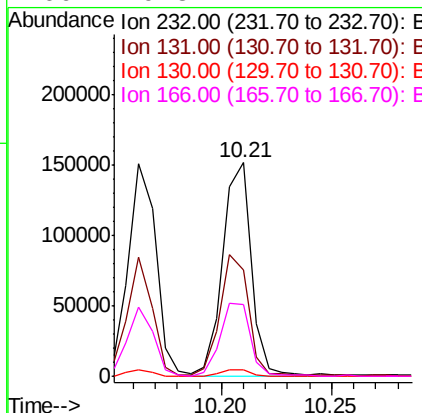
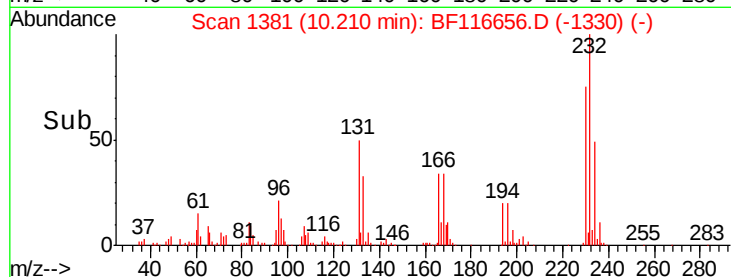
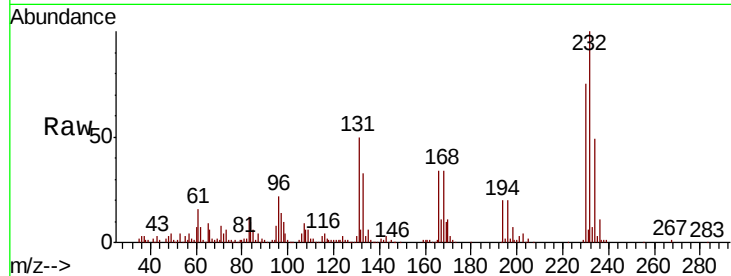
#59
2,3,4,6-Tetrachlorophenol
Concen: 27.425 ng m
RT: 10.21 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
232	100	135436		
131	49.5	42.7	64.1	
130	2.5	1.9	2.9	
166	29.8	27.4	41.2	

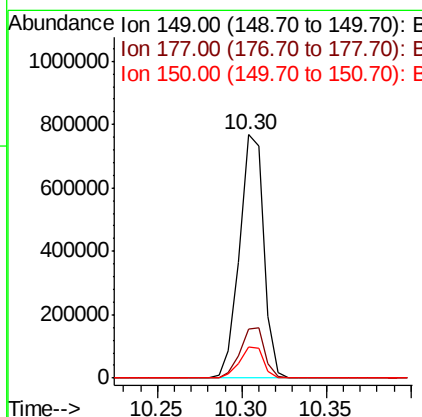
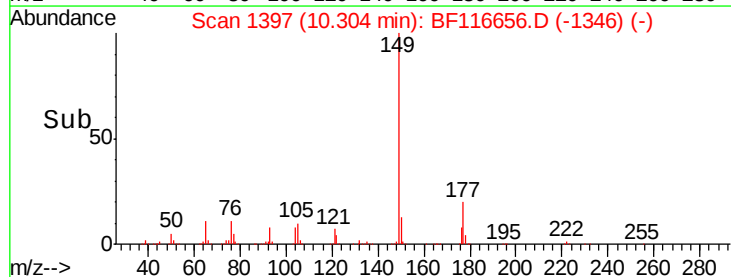
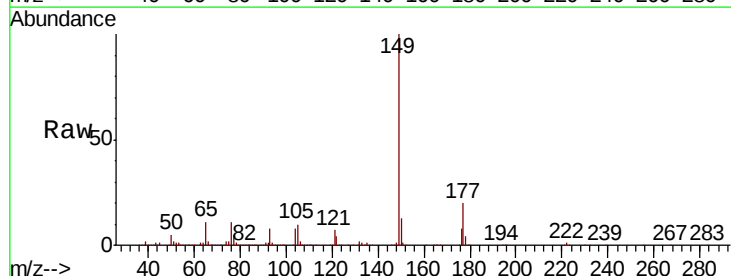
Manual Integrations
APPROVED

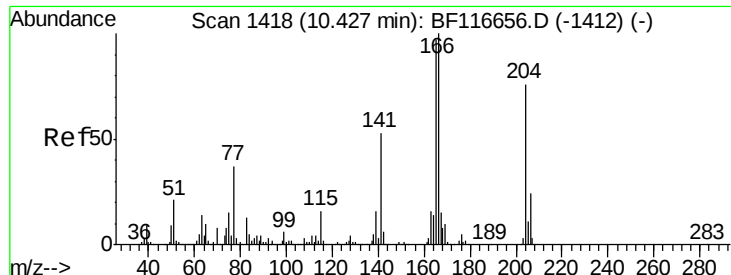
mohammad
8/31/2019 2:45:13 PM



#60
Diethylphthalate
Concen: 34.706 ng
RT: 10.30 min Scan# 1397
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	769419		
177	20.0	17.2	25.8	
150	12.7	9.7	14.5	





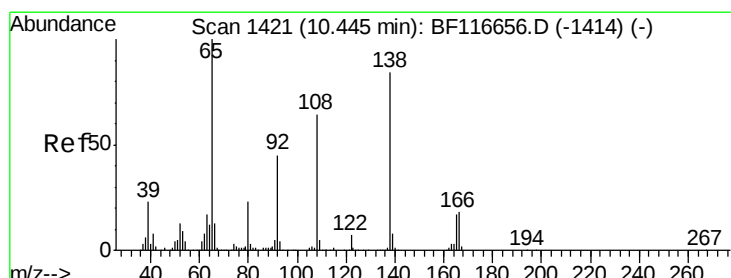
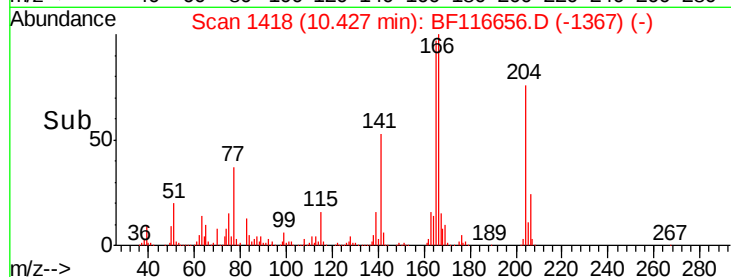
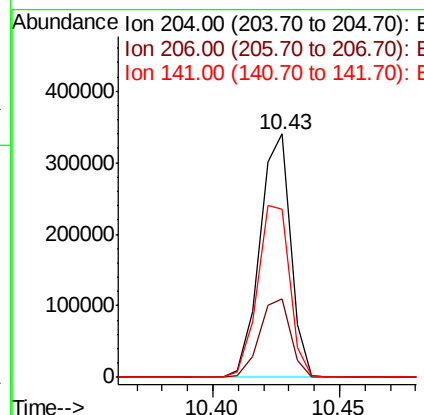
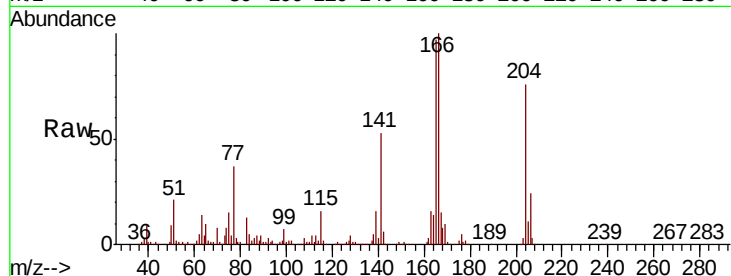
#61
4-Chlorophenyl-phenylether
Concen: 28.164 ng
RT: 10.43 min Scan# 1418
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.0	25.4	38.2
141	69.2	53.8	80.8

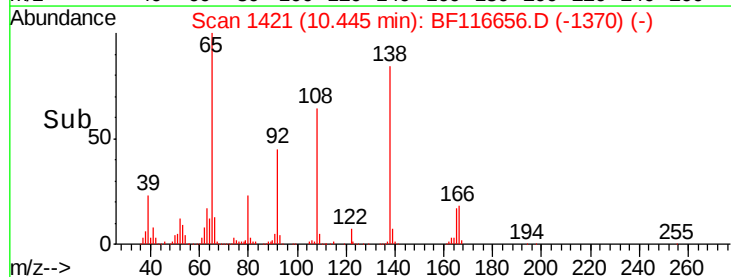
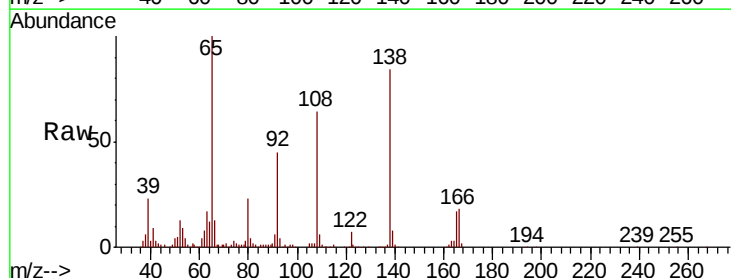
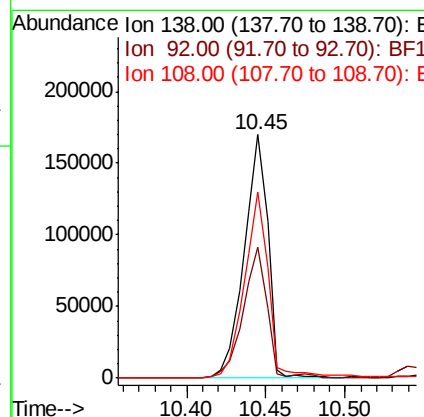
Manual Integrations
APPROVED

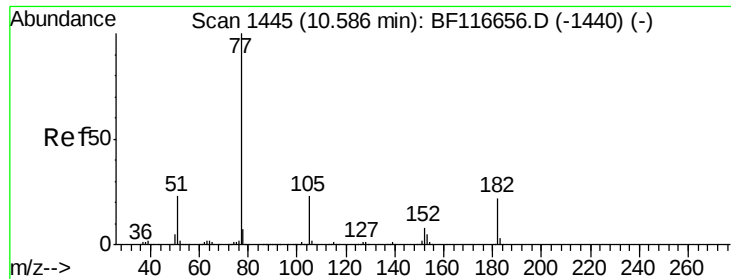
mohammad
8/31/2019 2:45:13 PM



#62
4-Nitroaniline
Concen: 30.843 ng
RT: 10.45 min Scan# 1421
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
138	100		
92	53.9	28.7	68.7
108	76.3	60.4	100.4





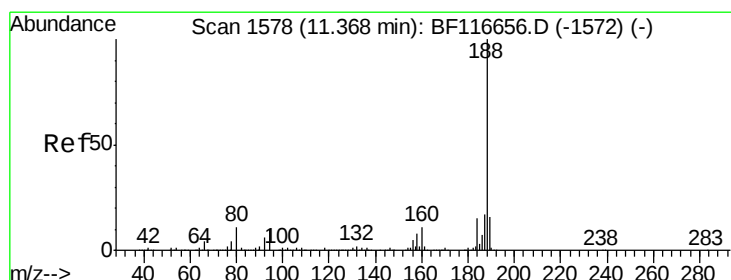
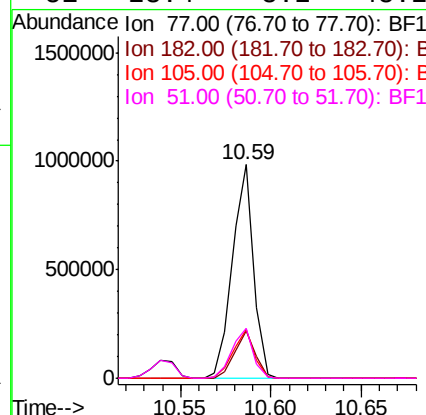
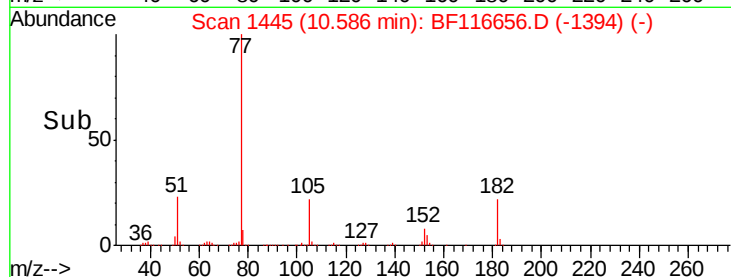
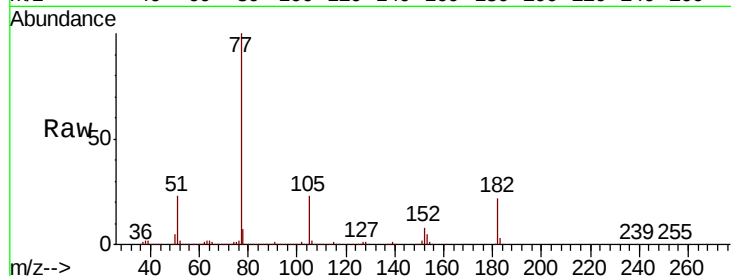
#63
Azobenzene
Concen: 36.241 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
77	100		
182	22.2	1.2	41.2
105	22.5	0.6	40.6
51	23.4	8.2	48.2

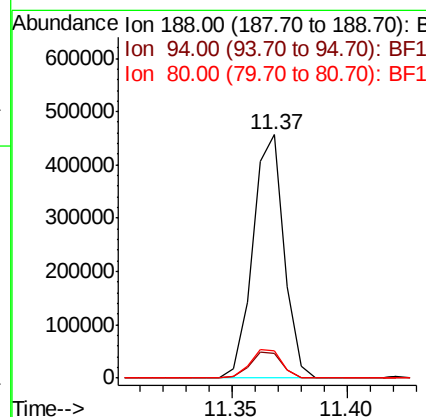
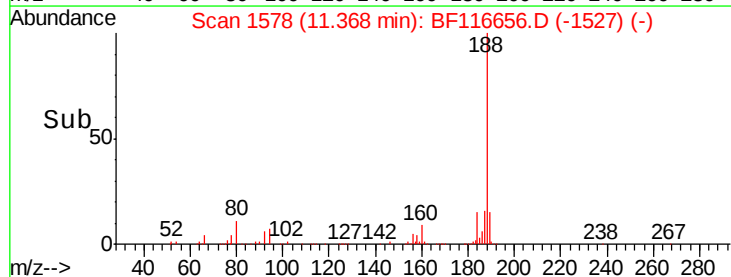
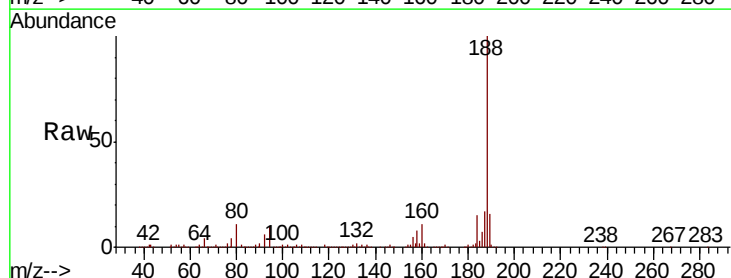
Manual Integrations
APPROVED

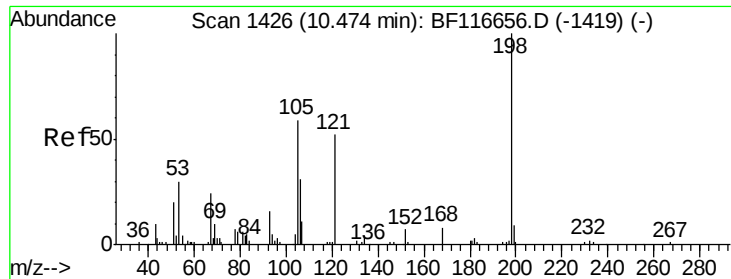
mohammad
8/31/2019 2:45:13 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.3	7.3	10.9
80	11.3	8.4	12.6





#65

4,6-Dinitro-2-methylphenol

Concen: 24.483 ng

RT: 10.47 min Scan# 1426

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

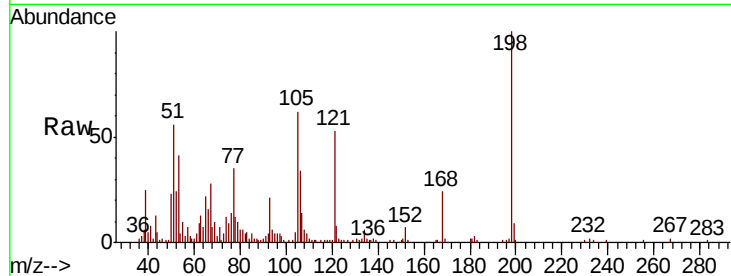
ClientSampleId :

SSTDICCC040

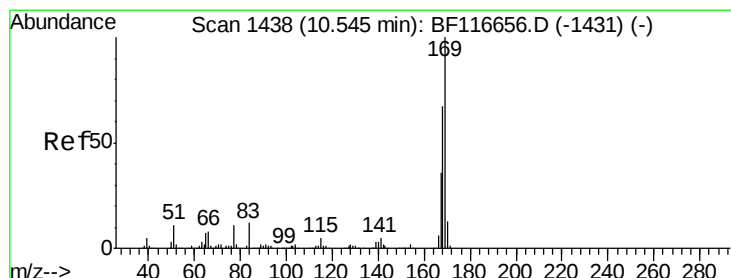
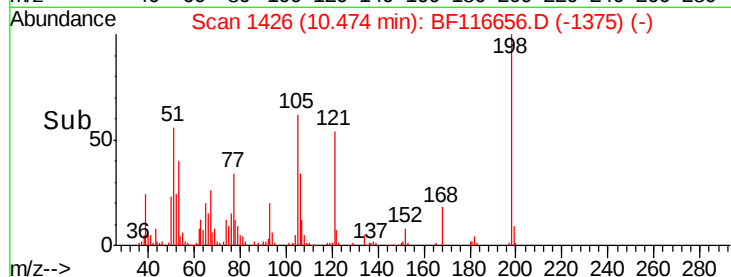
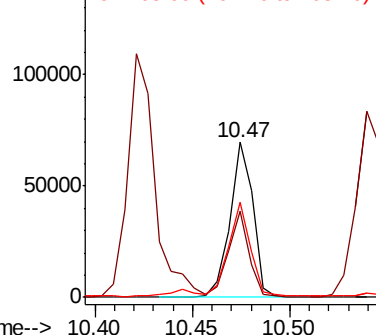
Tot Ion:	198	Resp:	56735
Ion Ratio	Lower	Upper	
198	100		
51	55.9	18.4	58.4
105	61.7	22.9	62.9

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.205 ng

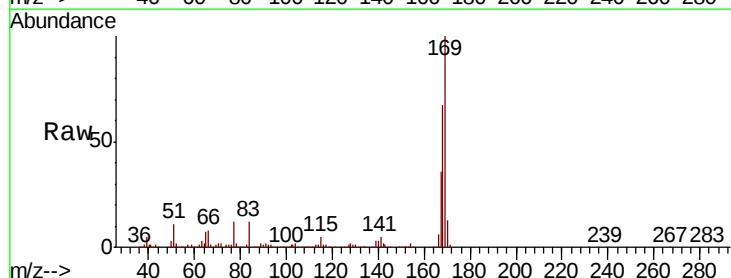
RT: 10.55 min Scan# 1438

Delta R.T. 0.00 min

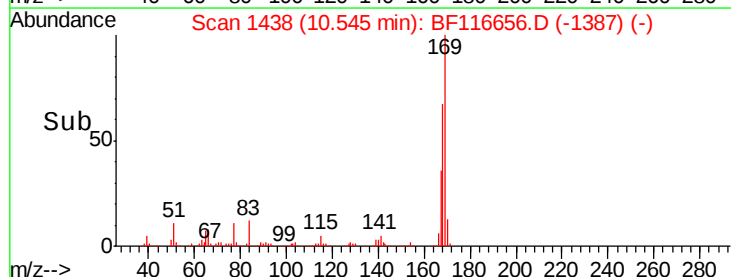
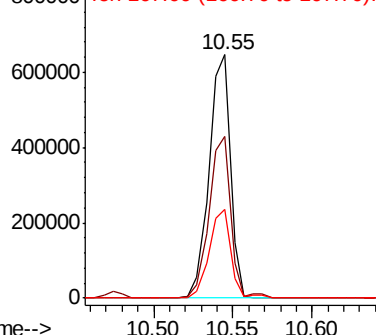
Lab File: BF116656.D

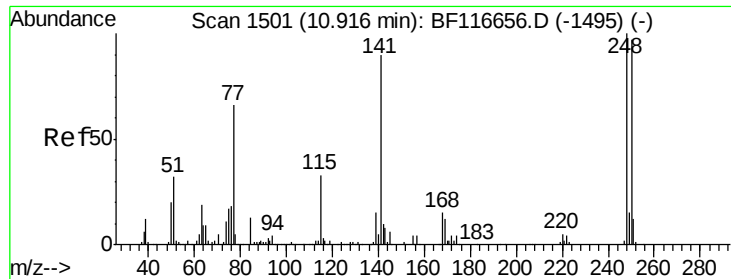
Acq: 30 Aug 2019 17:23

Tgt Ion:	169	Resp:	602290
Ion Ratio	Lower	Upper	
169	100		
168	66.6	55.8	83.6
167	36.4	29.4	44.2



Abundance Ion 169.00 (168.70 to 169.70): E
Ion 168.00 (167.70 to 168.70): E
Ion 167.00 (166.70 to 167.70): E





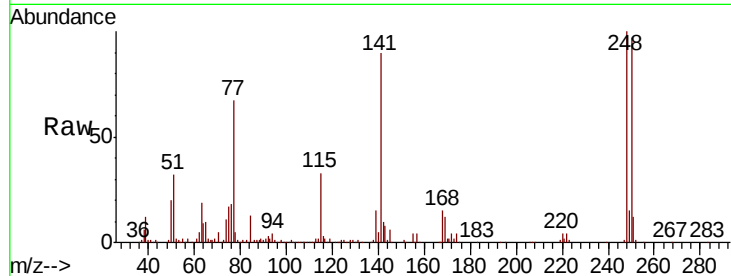
#67
4-Bromophenyl-phenylether
Concen: 36.363 ng
RT: 10.92 min Scan# 1501
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.8	77.8	116.8
141	89.7	75.9	113.9

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM

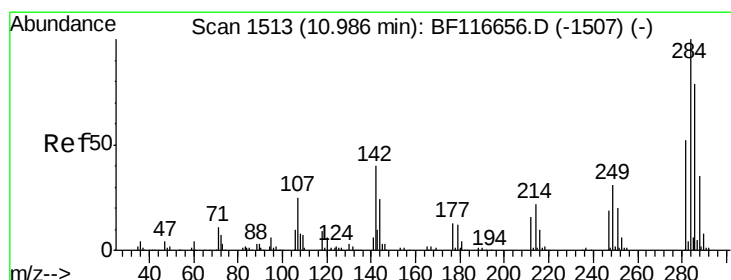
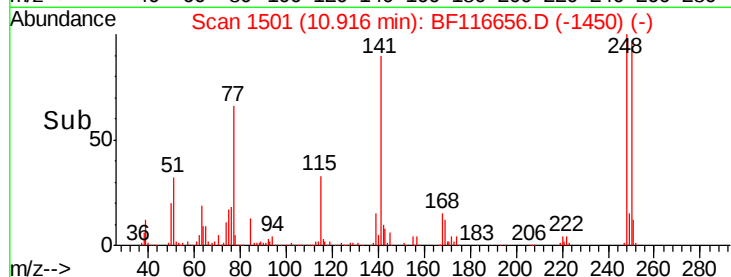
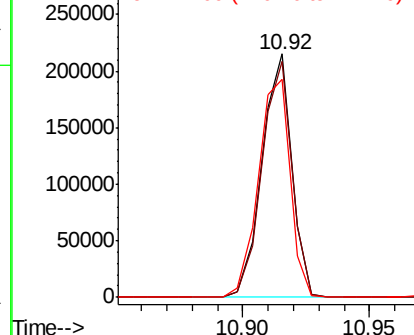


Abundance

Ion 248.00 (247.70 to 248.70): E

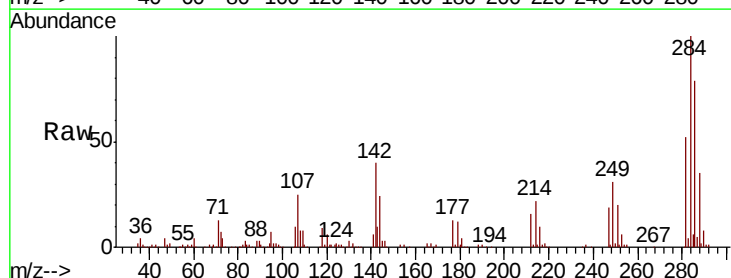
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 34.232 ng
RT: 10.99 min Scan# 1513
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
284	100		
142	40.0	34.0	51.0
249	31.0	26.4	39.6

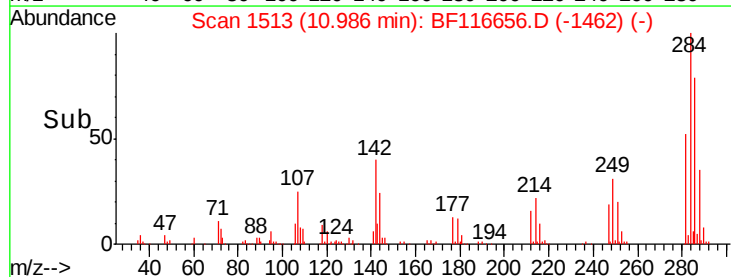
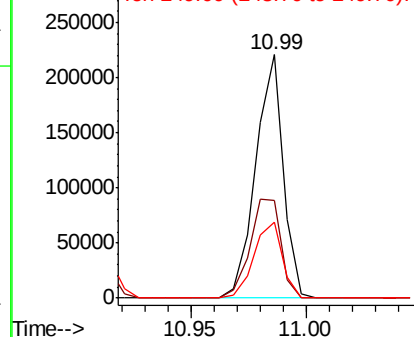


Abundance

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





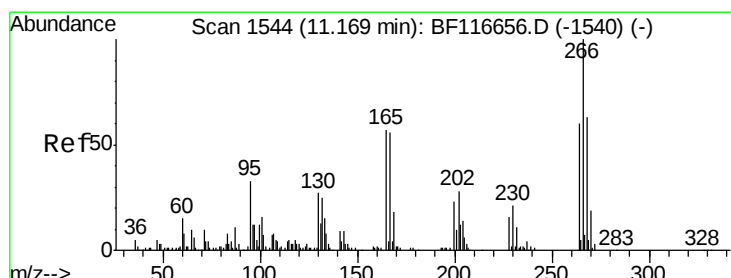
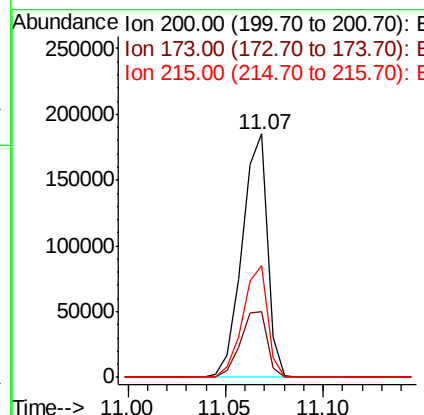
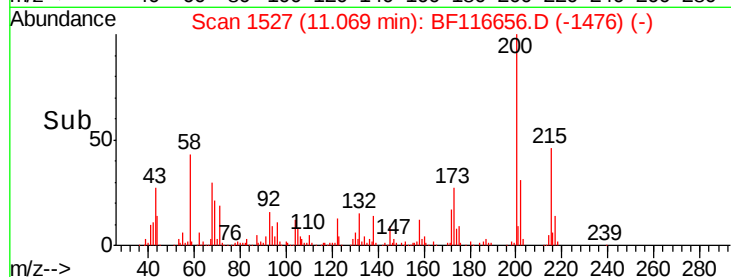
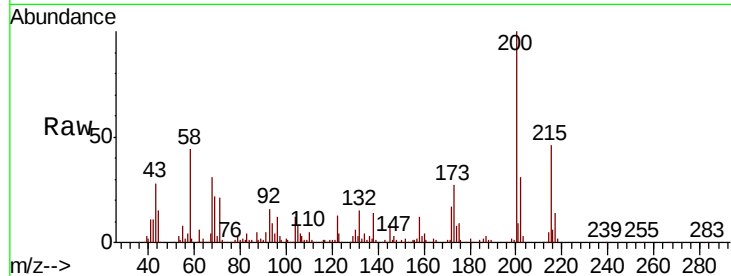
#69
Atrazine
Concen: 38.373 ng
RT: 11.07 min Scan# 1527
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
200	100	166606		
173	26.8	6.2	46.2	
215	45.9	24.3	64.3	

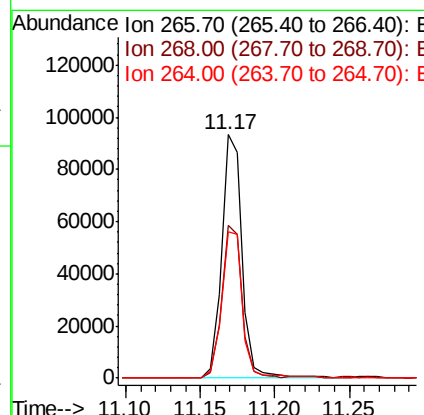
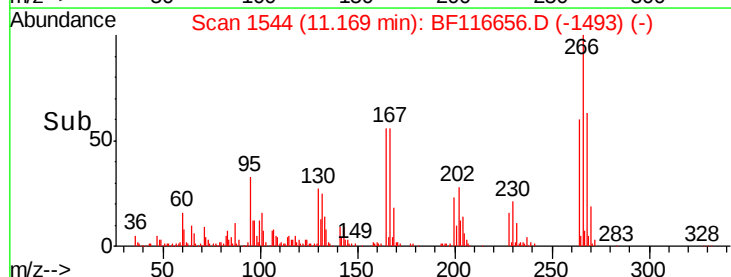
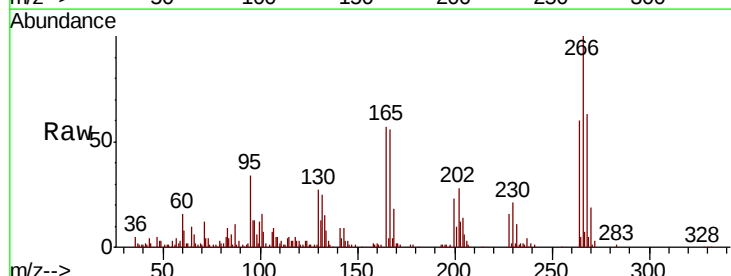
Manual Integrations
APPROVED

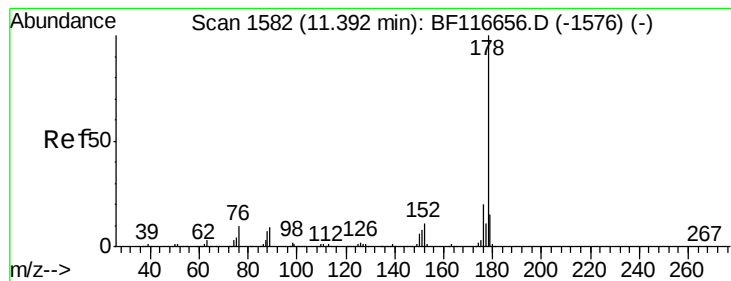
mohammad
8/31/2019 2:45:13 PM



#70
Pentachlorophenol
Concen: 28.442 ng
RT: 11.17 min Scan# 1544
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	89549		
268	62.6	51.2	76.8	
264	60.1	51.9	77.9	





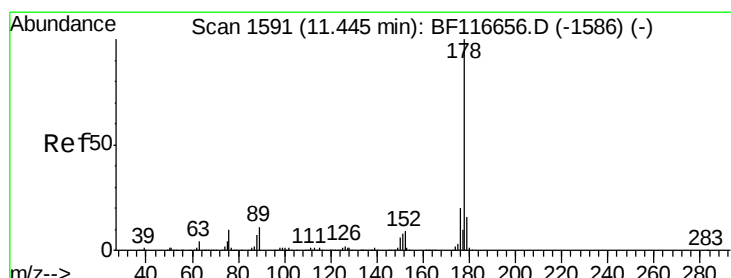
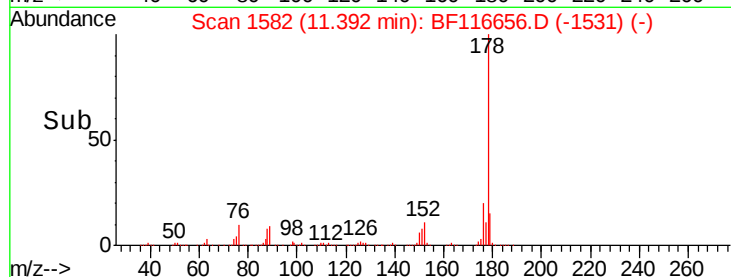
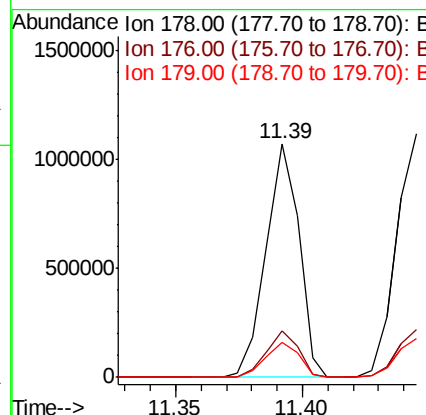
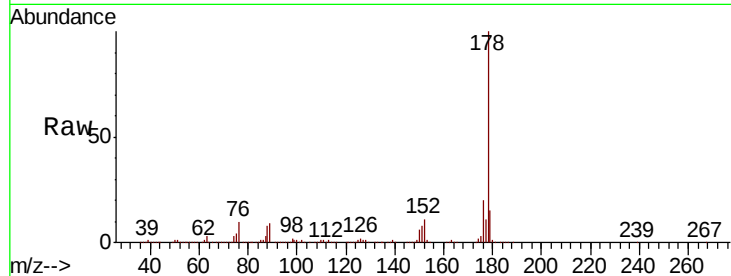
#71
Phenanthrene
Concen: 40.270 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampled :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.4	23.0
179	15.2	12.2	18.2

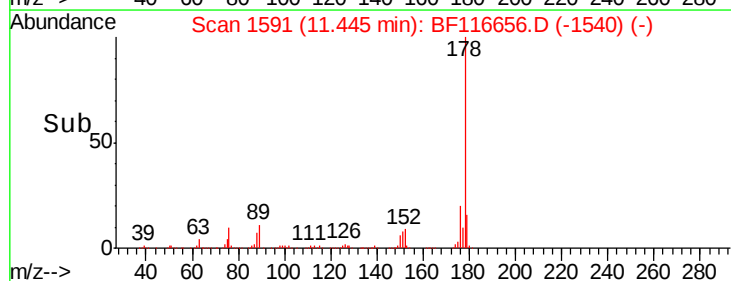
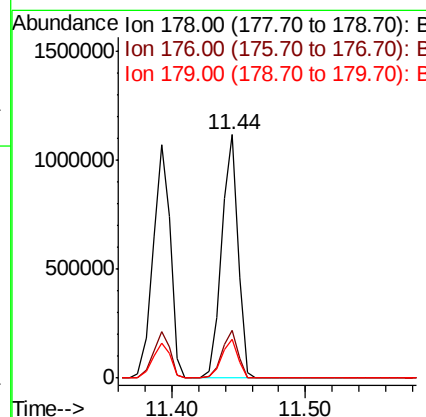
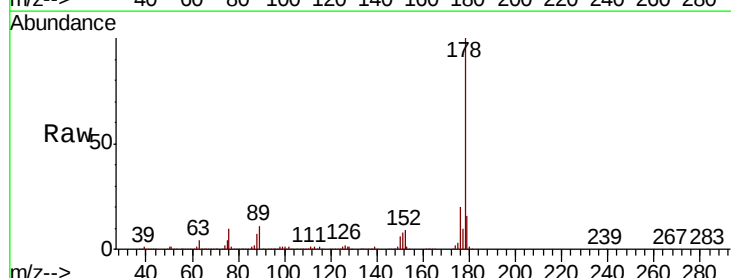
Manual Integrations
APPROVED

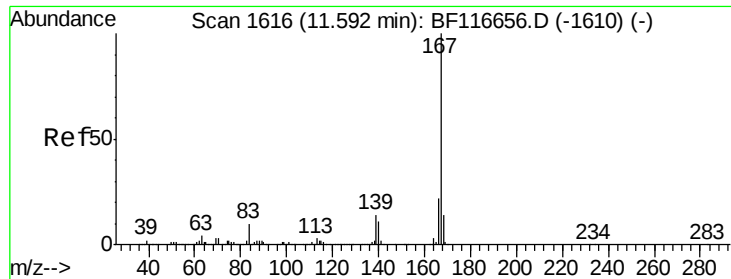
mohammad
8/31/2019 2:45:13 PM



#72
Anthracene
Concen: 39.358 ng
RT: 11.44 min Scan# 1591
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	16.1	12.5	18.7





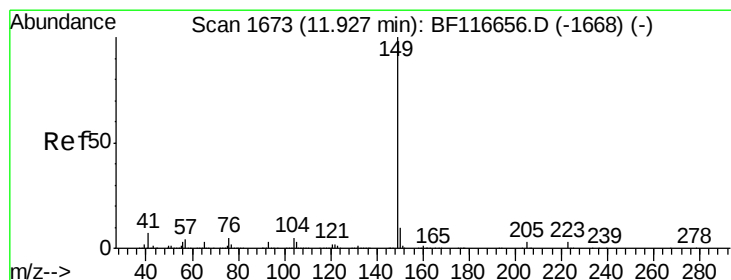
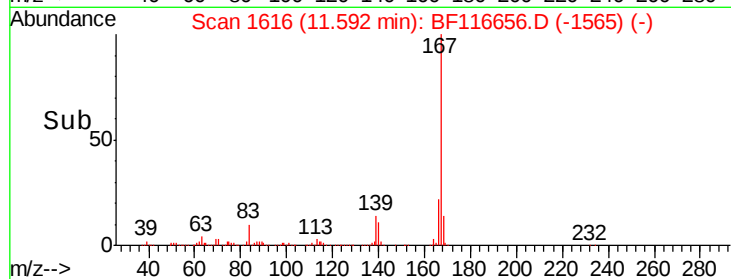
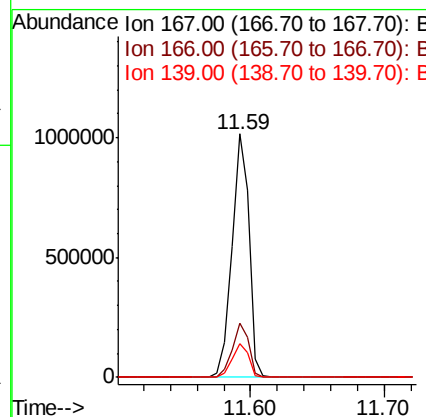
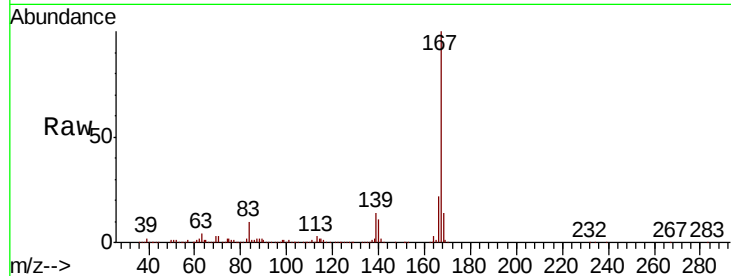
#73
 Carbazole
 Concen: 42.113 ng
 RT: 11.59 min Scan# 1616
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Instrument :
 BNA_F
 ClientSampled :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	17.8	26.6
139	14.1	11.1	16.7

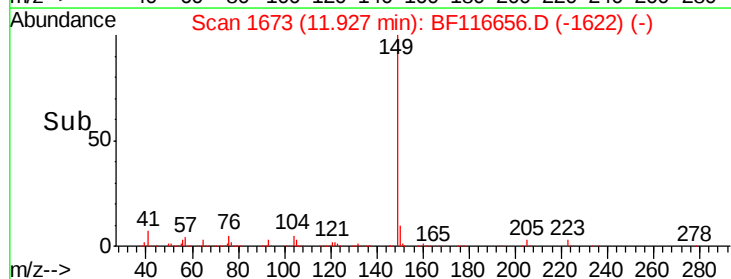
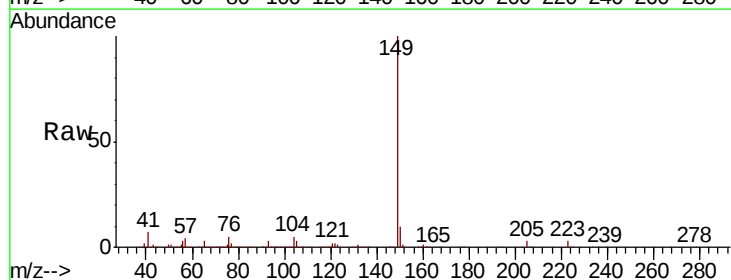
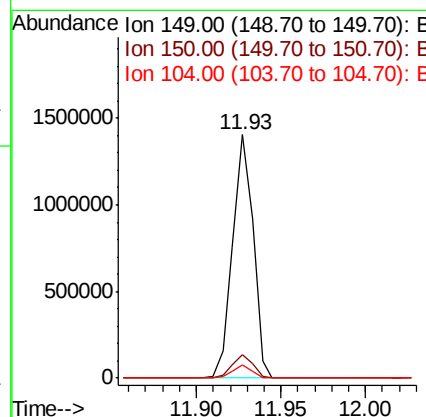
Manual Integrations
 APPROVED

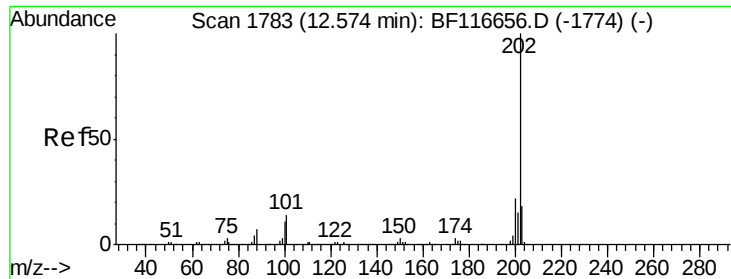
mohammad
 8/31/2019 2:45:13 PM



#74
 Di-n-butylphthalate
 Concen: 41.380 ng
 RT: 11.93 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.2	10.8
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 38.212 ng

RT: 12.57 min Scan# 1783

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

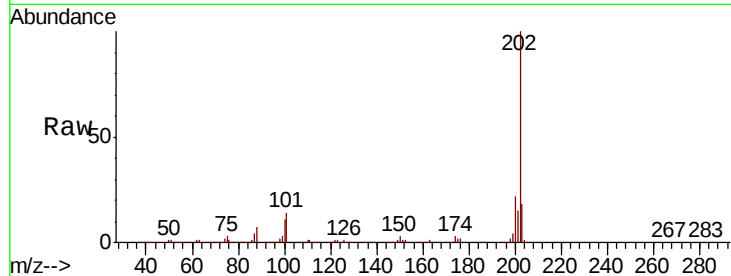
ClientSampleId :

SSTDICCC040

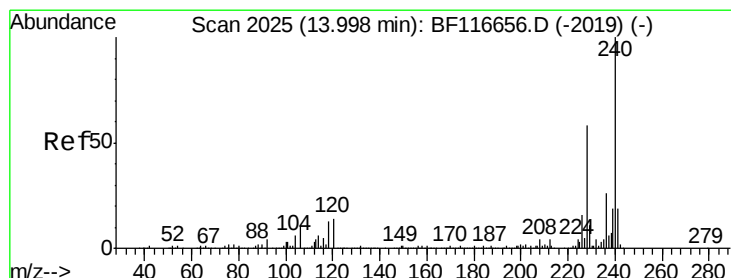
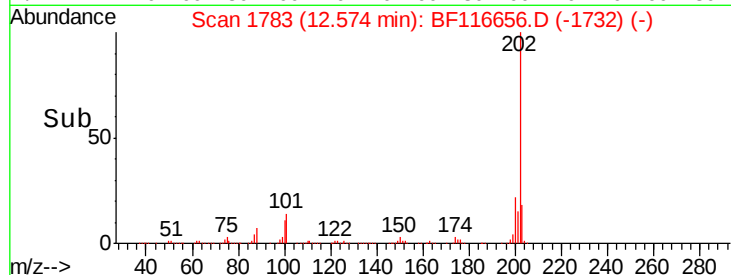
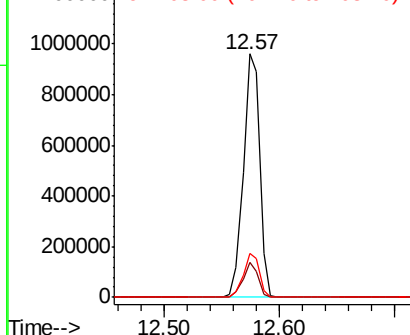
Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
101	14.3	0.0	31.3		
203	18.0	0.0	37.6		

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

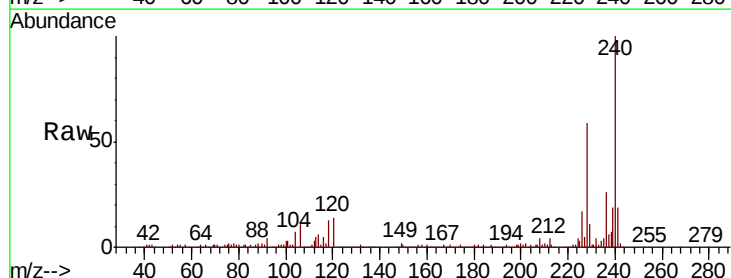
RT: 14.00 min Scan# 2025

Delta R.T. 0.00 min

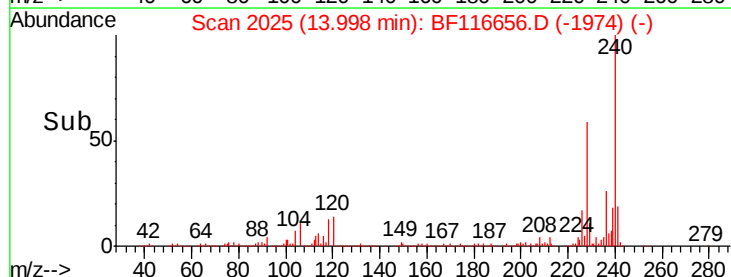
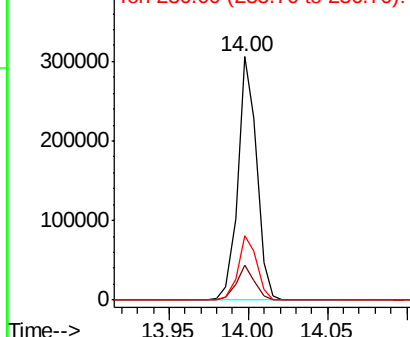
Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	14.3	9.1	13.7#		
236	26.5	21.1	31.7		



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





#77

Benzidine

Concen: 45.026 ng

RT: 12.69 min Scan# 1803

Delta R.T. 0.00 min

Lab File: BF116656.D

Acq: 30 Aug 2019 17:23

Instrument :

BNA_F

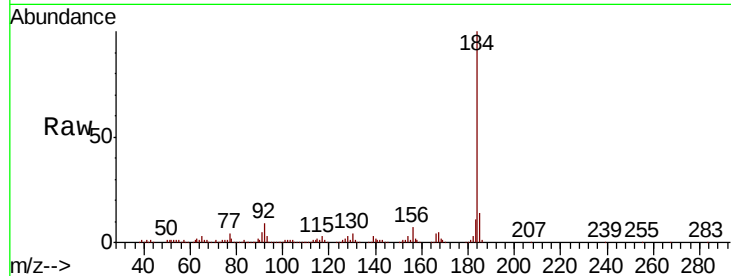
ClientSampleId :

SSTDICCC040

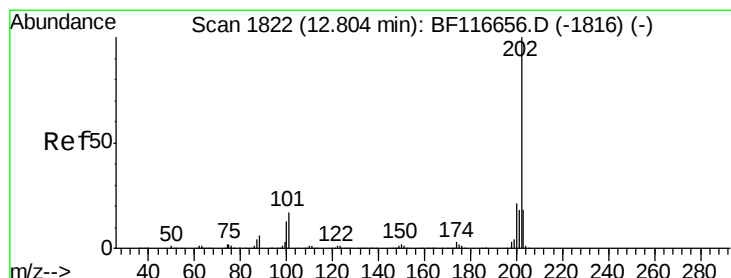
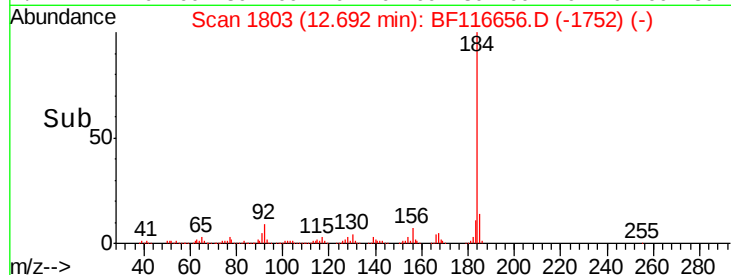
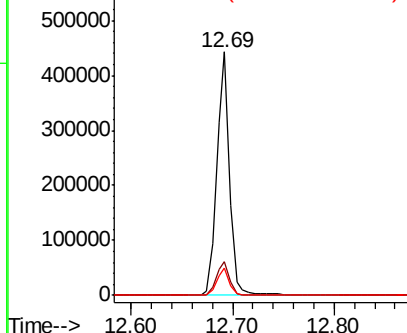
Tot Ion:	184	Resp:	384168
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.3	16.9
183	11.2	9.2	13.8

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



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



#78

Pyrene

Concen: 38.809 ng

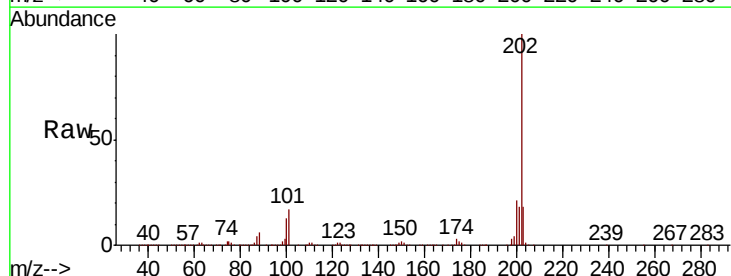
RT: 12.80 min Scan# 1822

Delta R.T. 0.00 min

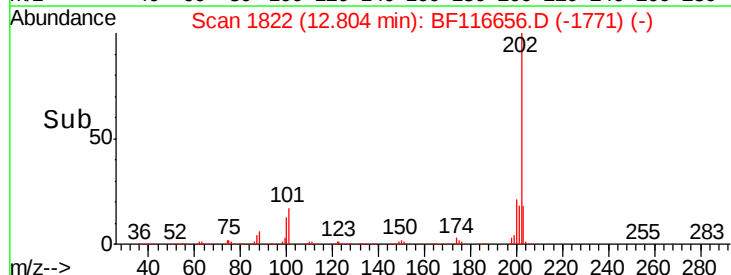
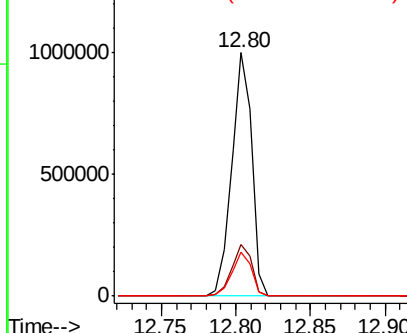
Lab File: BF116656.D

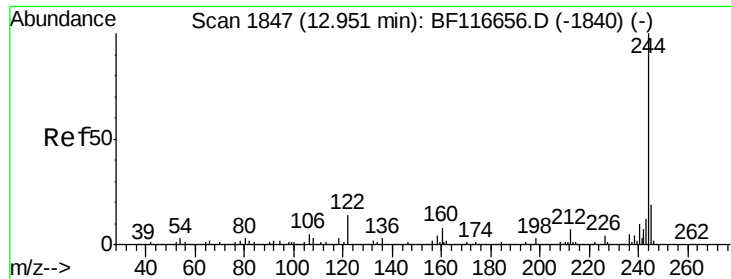
Acq: 30 Aug 2019 17:23

Tgt Ion:	202	Resp:	947673
Ion Ratio	Lower	Upper	
202	100		
200	21.4	16.5	24.7
203	17.8	13.7	20.5



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





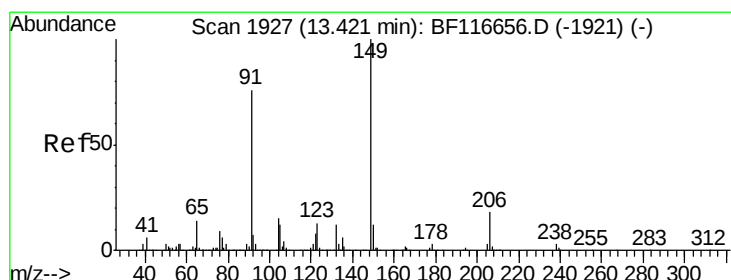
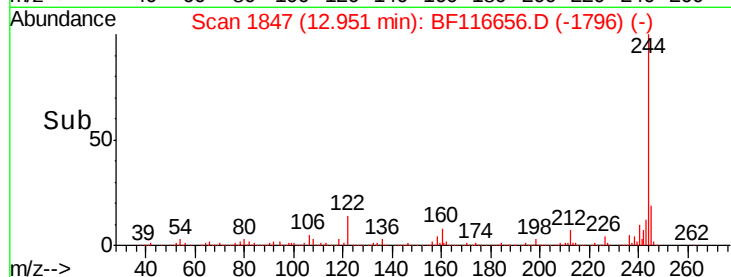
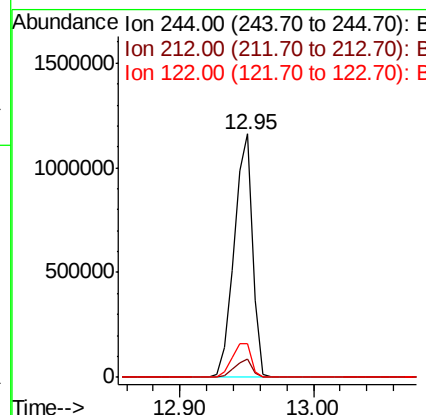
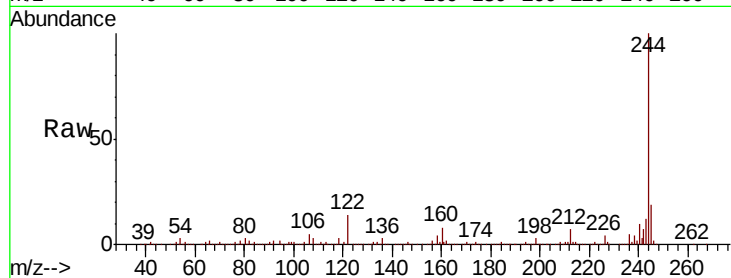
#79
Terphenyl-d14
Concen: 73.037 ng
RT: 12.95 min Scan# 1847
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.1	9.1
122	13.6	10.2	15.4

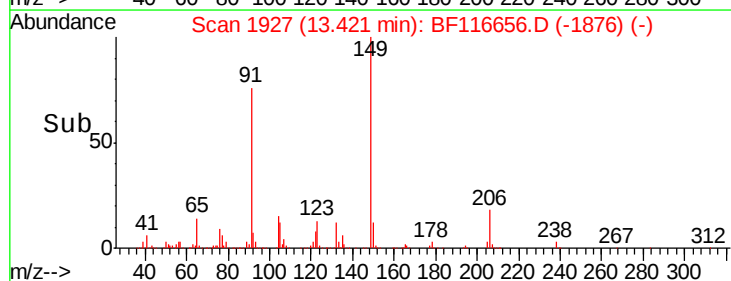
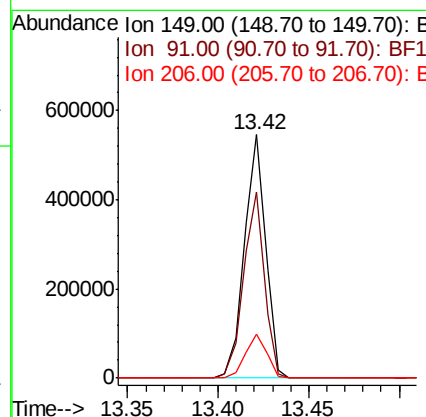
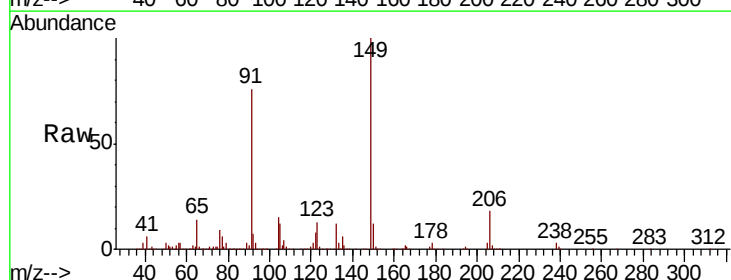
Manual Integrations
APPROVED

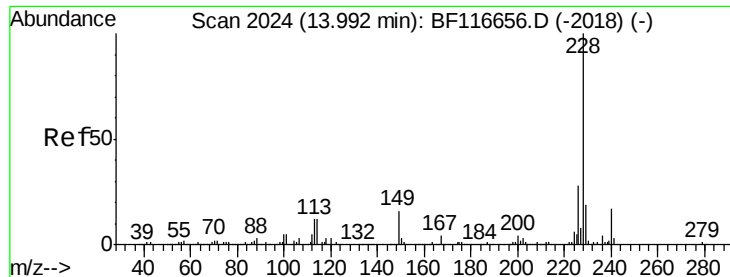
mohammad
8/31/2019 2:45:13 PM



#80
Butylbenzylphthalate
Concen: 44.946 ng
RT: 13.42 min Scan# 1927
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
149	100		
91	76.4	61.0	91.4
206	18.3	14.8	22.2





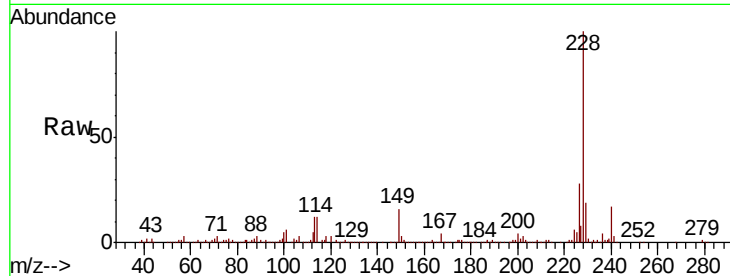
#81
Benzo(a)anthracene
Concen: 37.655 ng
RT: 13.99 min Scan# 2024
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.8	22.0	33.0
229	19.1	16.4	24.6

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM

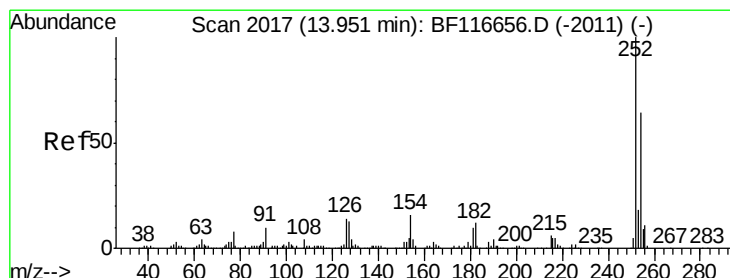
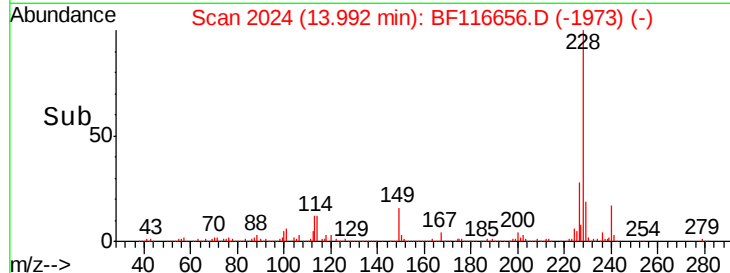
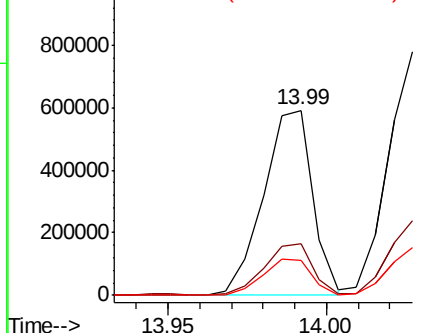


Abundance

Ion 228.00 (227.70 to 228.70): E

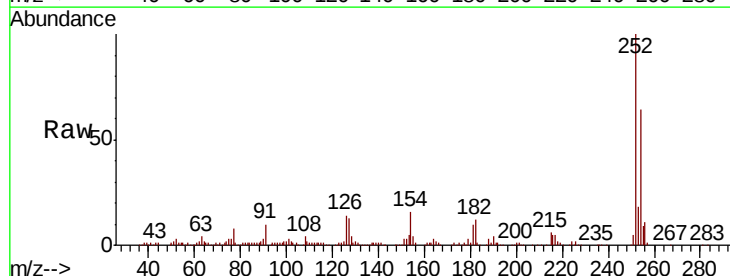
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82
3,3'-Dichlorobenzidine
Concen: 39.887 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	50.1	75.1
126	13.9	10.6	16.0

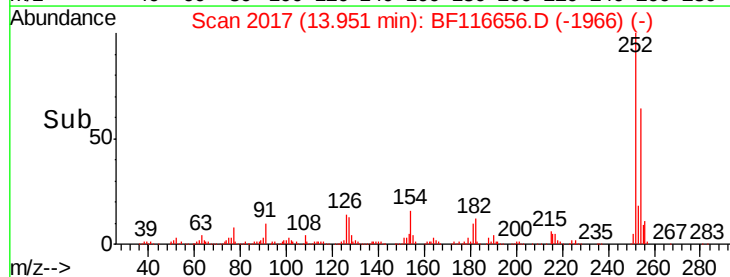
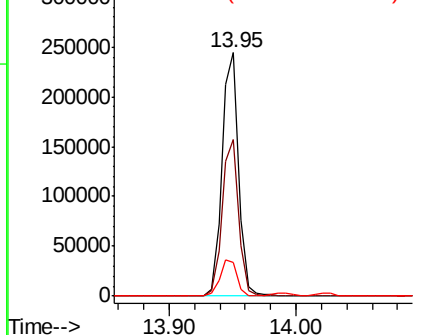


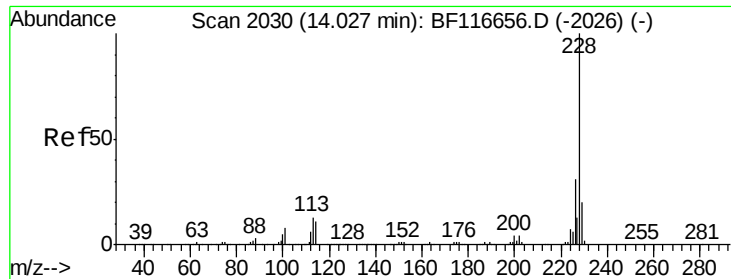
Abundance

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





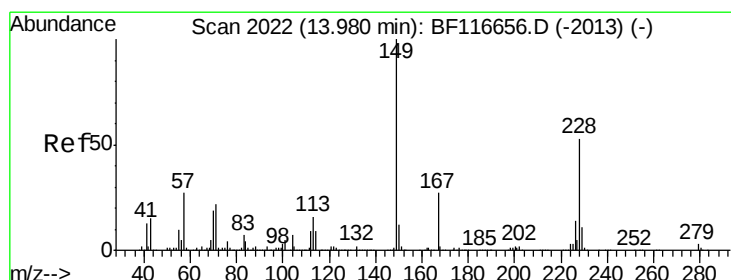
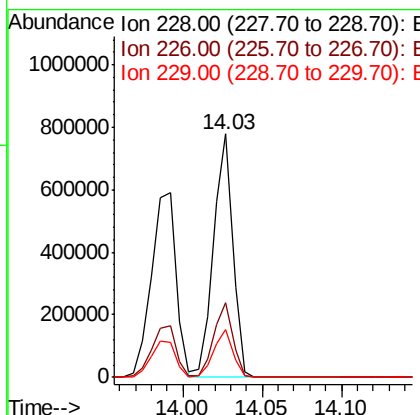
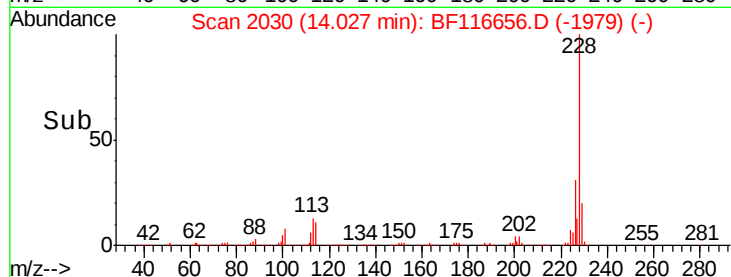
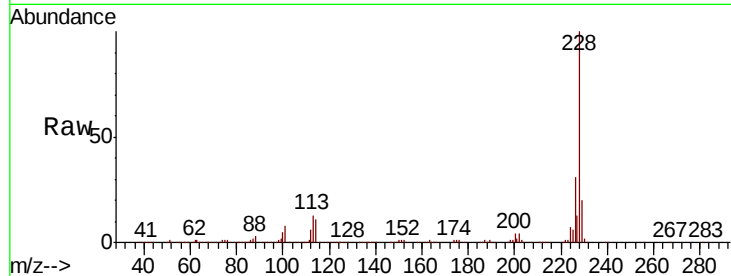
#83
 Chrvsene
 Concen: 39.839 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	19.6	15.4	23.0

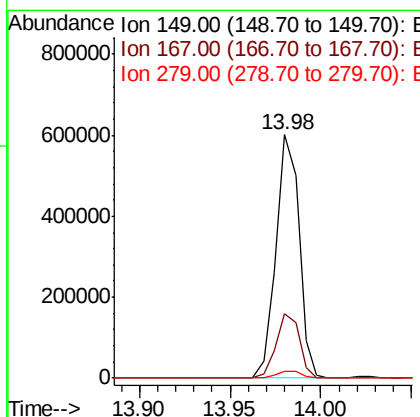
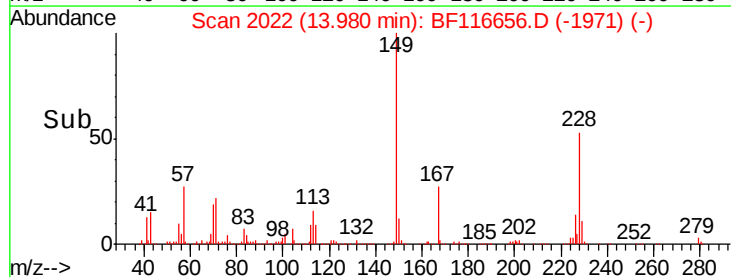
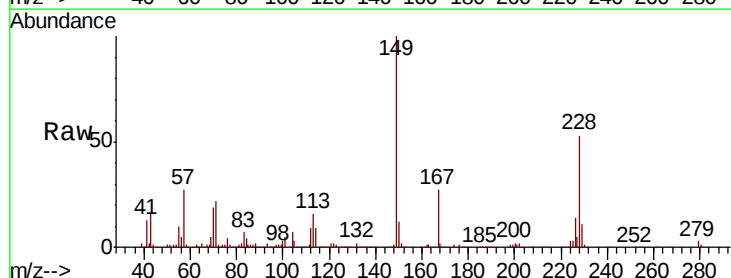
Manual Integrations
 APPROVED

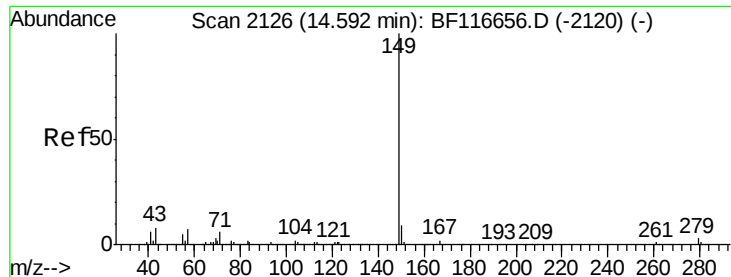
mohammad
 8/31/2019 2:45:13 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 42.275 ng
 RT: 13.98 min Scan# 2222
 Delta R.T. 0.00 min
 Lab File: BF116656.D
 Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.7	21.0	31.4
279	2.9	2.8	4.2





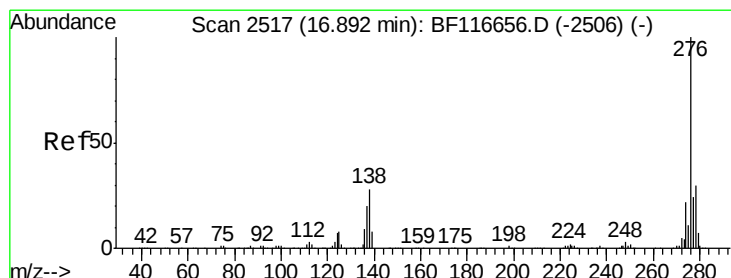
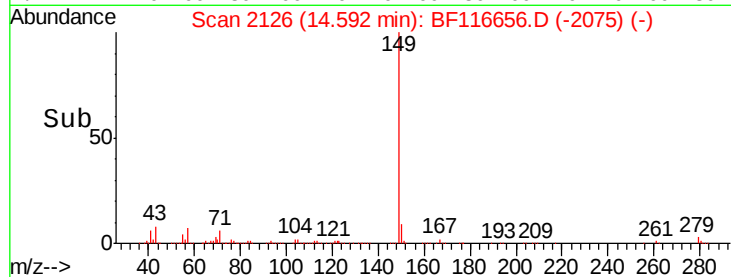
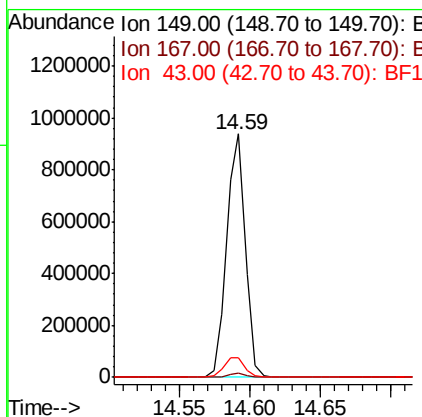
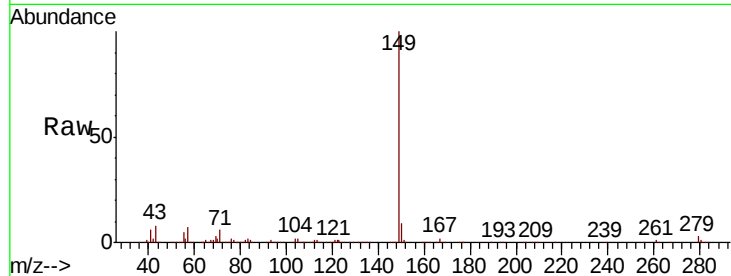
#85
Di-n-octyl phthalate
Concen: 44.933 ng
RT: 14.59 min Scan# 2126
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Resp	Lower	Upper
149	100	856424		
167	1.5		1.3	1.9
43	8.5		7.8	11.8

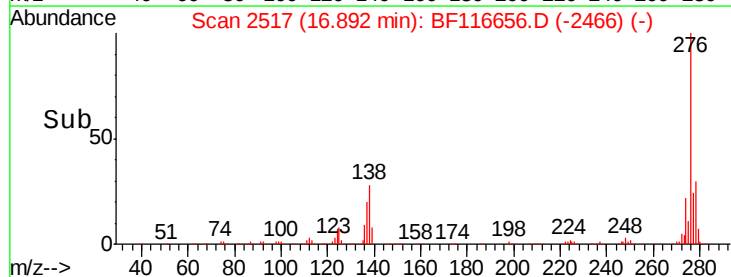
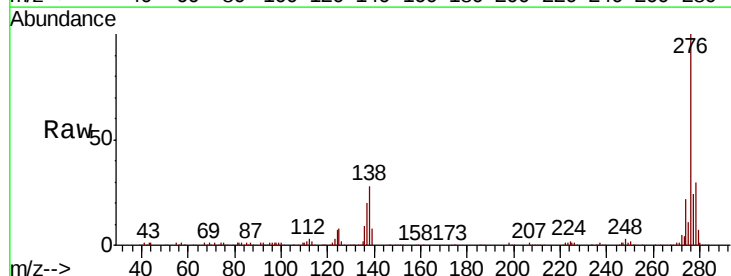
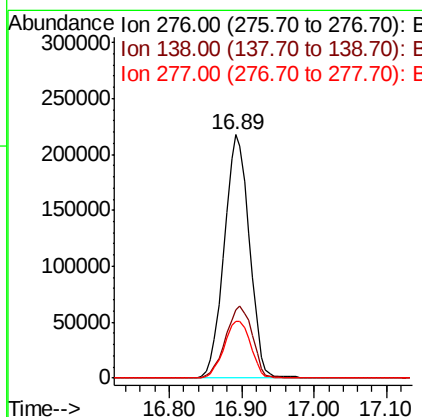
Manual Integrations
APPROVED

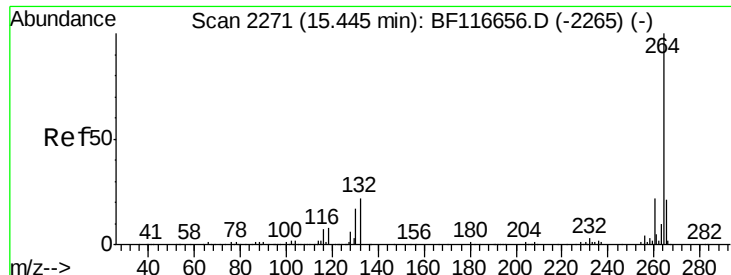
mohammad
8/31/2019 2:45:13 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 36.640 ng
RT: 16.89 min Scan# 2517
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	525521		
138	31.6		19.4	29.2#
277	24.8		20.5	30.7





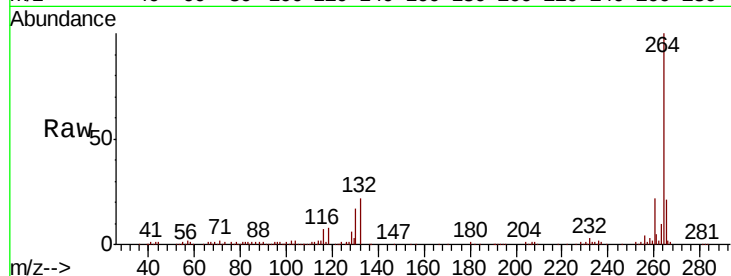
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2271
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

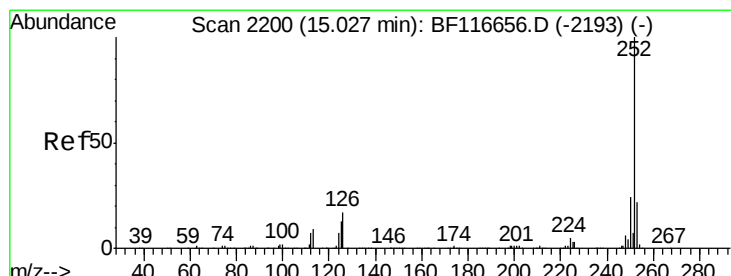
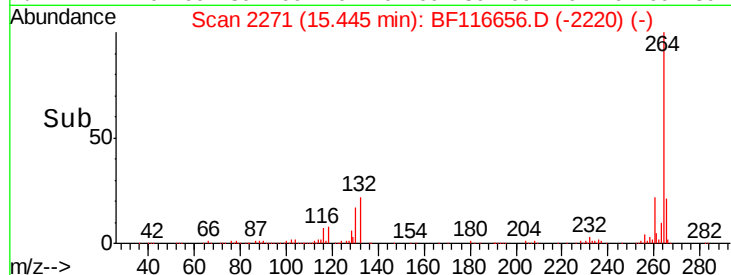
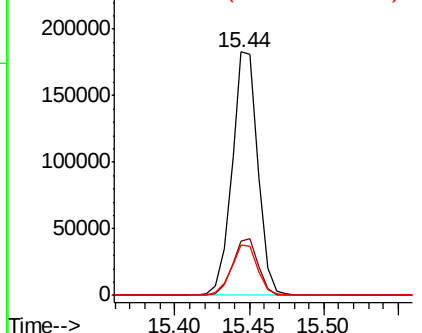
Tot Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.3	27.5
265	20.6	16.5	24.7

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



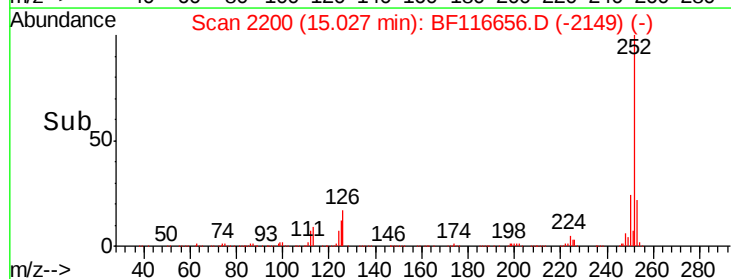
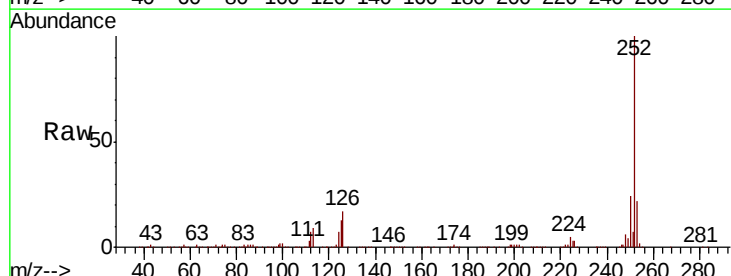
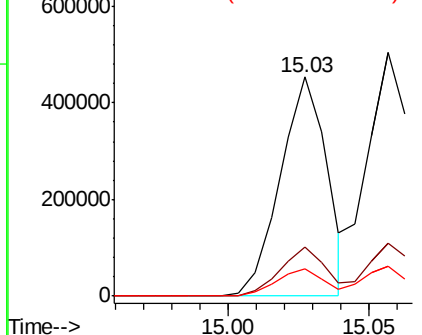
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

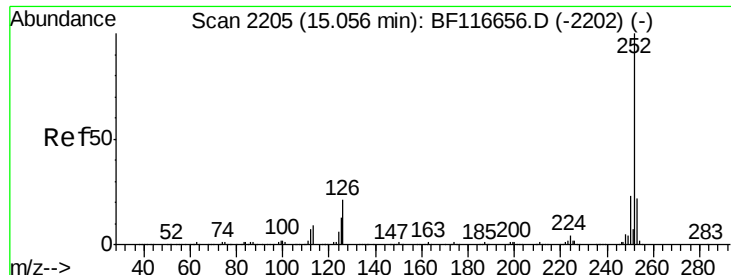


#88
Benzo(b)fluoranthene
Concen: 36.991 ng
RT: 15.03 min Scan# 2200
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.7	26.5
125	12.5	8.2	12.2#

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





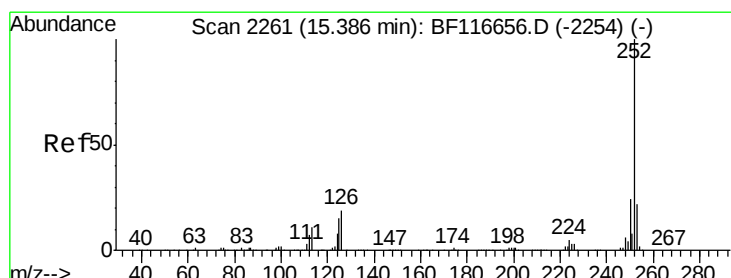
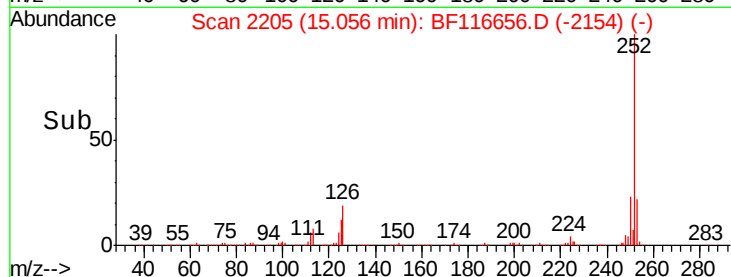
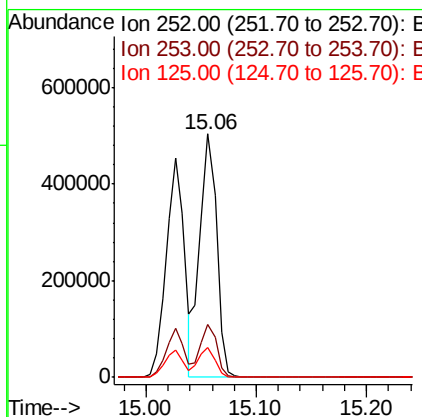
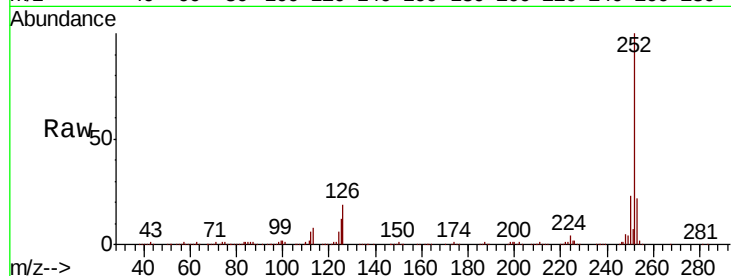
#89
Benzo(k)fluoranthene
Concen: 38.839 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.7	26.5
125	12.4	8.6	13.0

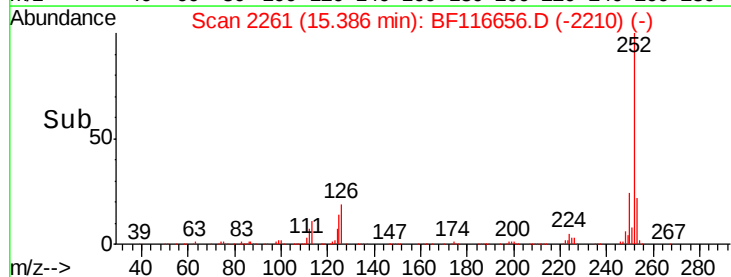
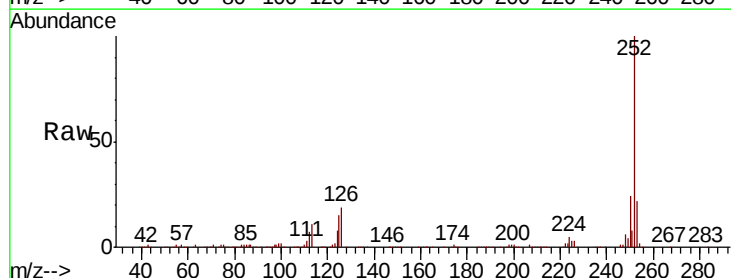
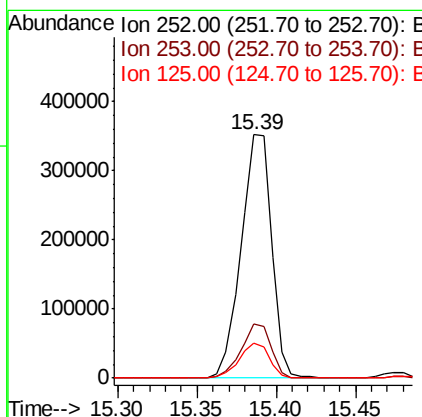
Manual Integrations
APPROVED

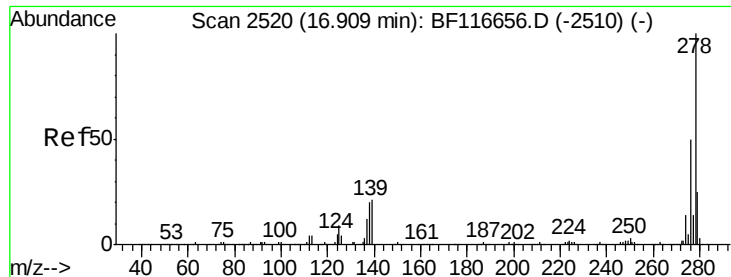
mohammad
8/31/2019 2:45:13 PM



#90
Benzo(a)pyrene
Concen: 38.418 ng
RT: 15.39 min Scan# 2261
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.1	27.1
125	14.6	9.8	14.8





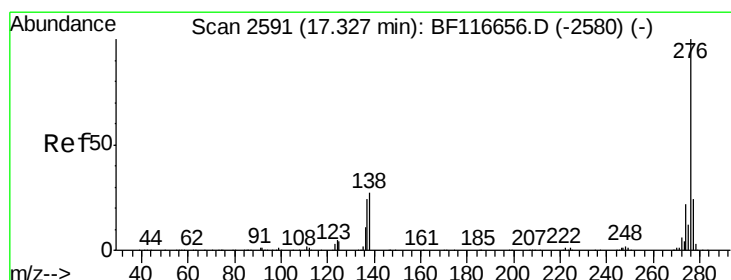
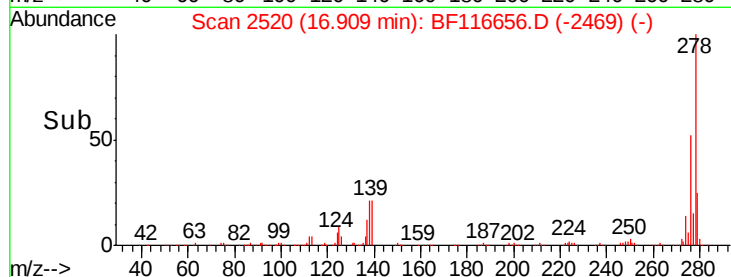
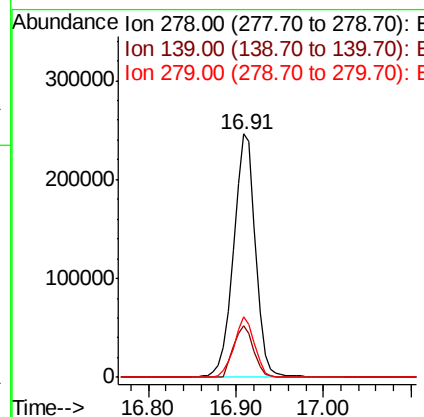
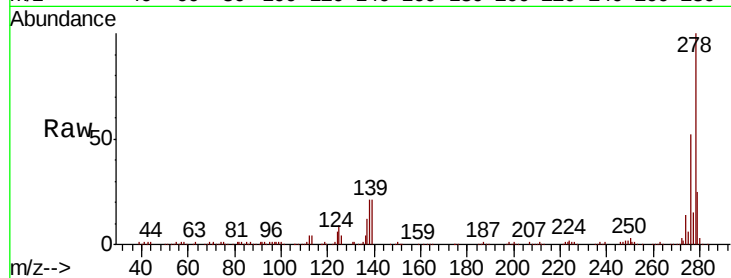
#91
Dibenzo(a,h)anthracene
Concen: 32.736 ng
RT: 16.91 min Scan# 2520
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.3	12.4	18.6#
279	24.7	18.2	27.4

Manual Integrations
APPROVED

mohammad
8/31/2019 2:45:13 PM



#92
Benzo(g,h,i)perylene
Concen: 34.979 ng
RT: 17.33 min Scan# 2591
Delta R.T. 0.00 min
Lab File: BF116656.D
Acq: 30 Aug 2019 17:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.7	18.5	27.7
138	27.3	16.2	24.2#

