

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115907.D
 Acq On : 1 Aug 2019 14:59
 Operator : HP/JU
 Sample : K4066-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMSD

Manual Integrations
 APPROVED

mohammad
 8/5/2019 1:48:06 PM

Quant Time: Aug 02 05:32:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	148110	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	573290	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	296052	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	463415	20.00	ng	0.00
76) Chrysene-d12	14.03	240	290572	20.00	ng	0.00
87) Perylene-d12	15.50	264	356520	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.48	112	776851	87.81	ng	0.01
7) Phenol-d6	6.49	99	1031915	92.44	ng	0.00
23) Nitrobenzene-d5	7.42	82	643462	64.79	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	239308	83.37	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1037656	65.65	ng	0.00
79) Terphenyl-d14	12.96	244	868346	62.97	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.66	88	138707	31.034	ng	98
3) Pyridine	3.42	79	373439	29.910	ng	100
4) n-Nitrosodimethylamine	3.36	42	168714	34.241	ng	99
6) Aniline	6.52	93	245230	15.340	ng	92
8) 2-Chlorophenol	6.65	128	365997	37.410	ng	97
9) Benzaldehyde	6.40	77	211081	27.406	ng	100
10) Phenol	6.50	94	464345	35.325	ng	98
11) bis(2-Chloroethyl)ether	6.59	93	347855	35.994	ng	99
12) 1,3-Dichlorobenzene	6.80	146	388940	34.399	ng	100
13) 1,4-Dichlorobenzene	6.87	146	396739	35.045	ng	99
14) 1,2-Dichlorobenzene	7.03	146	371033	35.593	ng	99
15) Benzyl Alcohol	7.00	79	319333	37.696	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.13	45	461134	34.982	ng	96
17) 2-Methylphenol	7.11	107	306503	36.999	ng	99
18) Hexachloroethane	7.37	117	139711	33.519	ng	97
19) n-Nitroso-di-n-propylamine	7.27	70	245915	35.552	ng	100
20) 3+4-Methylphenols	7.26	107	373181	38.067	ng	# 79
22) Acetophenone	7.26	105	489089	38.900	ng	98
24) Nitrobenzene	7.43	77	401563	37.445	ng	99
25) Isophorone	7.67	82	711299	37.455	ng	100
26) 2-Nitrophenol	7.75	139	194719	38.520	ng	99
27) 2,4-Dimethylphenol	7.79	122	325616	42.814	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	435970	37.038	ng	99
29) 2,4-Dichlorophenol	8.00	162	310859	38.712	ng	97
30) 1,2,4-Trichlorobenzene	8.08	180	333644	36.449	ng	100
31) Naphthalene	8.16	128	1037716	38.466	ng	100
32) Benzoic acid	7.91	122	104657	19.518	ng	99
33) 4-Chloroaniline	8.20	127	97626	8.099	ng	99
34) Hexachlorobutadiene	8.27	225	185774	35.235	ng	98
35) Caprolactam	8.58	113	96219m	37.048	ng	
36) 4-Chloro-3-methylphenol	8.70	107	323222	38.691	ng	97
37) 2-Methylnaphthalene	8.85	142	691913	38.943	ng	99
38) 1-Methylnaphthalene	8.95	142	645300	38.391	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	310067	39.176	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080119\
 Data File : BF115907.D
 Acq On : 1 Aug 2019 14:59
 Operator : HP/JU
 Sample : K4066-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMSD

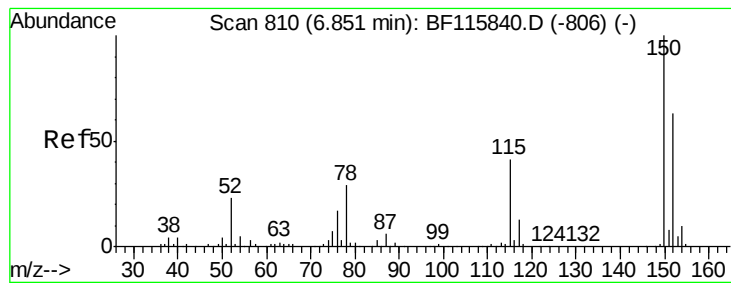
Manual Integrations
 APPROVED

mohammad
 8/5/2019 1:48:06 PM

Quant Time: Aug 02 05:32:59 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 31 15:31:51 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	93255	30.225	ng	99
43) 2,4,6-Trichlorophenol	9.13	196	202474	37.166	ng	99
44) 2,4,5-Trichlorophenol	9.18	196	217005	38.535	ng	99
46) 1,1'-Biphenyl	9.32	154	818422	39.157	ng	99
47) 2-Chloronaphthalene	9.35	162	646640	37.172	ng	99
48) 2-Nitroaniline	9.44	65	207791	36.137	ng	96
49) Acenaphthylene	9.76	152	1006229	39.648	ng	100
50) Dimethylphthalate	9.62	163	903546	44.824	ng	99
51) 2,6-Dinitrotoluene	9.68	165	167541	38.246	ng	95
52) Acenaphthene	9.93	154	591797	38.010	ng	100
53) 3-Nitroaniline	9.85	138	91843	16.968	ng	90
54) 2,4-Dinitrophenol	9.96	184	57655	31.162	ng	97
55) Dibenzofuran	10.10	168	888785	39.253	ng	99
56) 4-Nitrophenol	10.02	139	254720	73.460	ng	98
57) 2,4-Dinitrotoluene	10.09	165	216921	37.192	ng	93
58) Fluorene	10.45	166	673758	38.676	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.23	232	174136	36.755	ng	97
60) Diethylphthalate	10.32	149	712096	37.837	ng	100
61) 4-Chlorophenyl-phenylether	10.43	204	333214	37.768	ng	98
62) 4-Nitroaniline	10.46	138	150845	26.966	ng	99
63) Azobenzene	10.60	77	724904	37.448	ng	94
65) 4,6-Dinitro-2-methylphenol	10.50	198	53522	21.794	ng	88
66) n-Nitrosodiphenylamine	10.56	169	592969	42.512	ng	99
67) 4-Bromophenyl-phenylether	10.93	248	199248	40.164	ng	# 91
68) Hexachlorobenzene	11.00	284	213876	37.284	ng	97
69) Atrazine	11.08	200	178434	38.885	ng	99
70) Pentachlorophenol	11.20	266	180592	64.844	ng	97
71) Phenanthrene	11.41	178	1158004	48.880	ng	99
72) Anthracene	11.46	178	987670	41.194	ng	99
73) Carbazole	11.62	167	835526	38.411	ng	98
74) Di-n-butylphthalate	11.94	149	1043637	41.129	ng	100
75) Fluoranthene	12.60	202	1231387	49.649	ng	97
77) Benzidine	12.72	184	408140	41.576	ng	97
78) Pyrene	12.83	202	1214678	55.455	ng	99
80) Butylbenzylphthalate	13.44	149	350713	37.852	ng	99
81) Benzo(a)anthracene	14.02	228	930703	50.112	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	218157	33.810	ng	100
83) Chrysene	14.06	228	881510	48.889	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	476804	39.601	ng	98
85) Di-n-octyl phthalate	14.61	149	795201	41.581	ng	99
86) Indeno(1,2,3-cd)pyrene	16.99	276	807494	53.321	ng	100
88) Benzo(b)fluoranthene	15.07	252	1016268	49.299	ng	96
89) Benzo(k)fluoranthene	15.10	252	822540	40.966	ng	99
90) Benzo(a)pyrene	15.44	252	928047	50.361	ng	99
91) Dibenzo(a,h)anthracene	16.99	278	616007	38.618	ng	98
92) Benzo(g,h,i)perylene	17.43	276	642563	41.018	ng	99

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



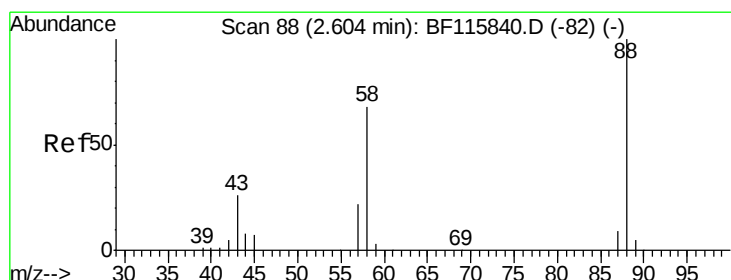
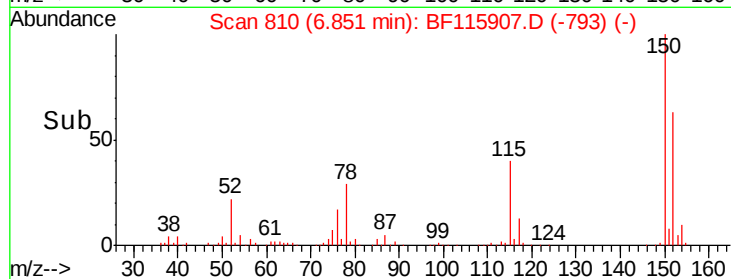
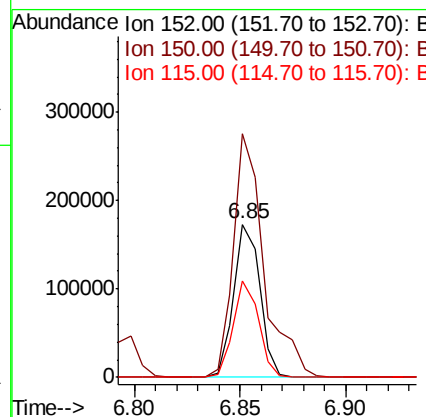
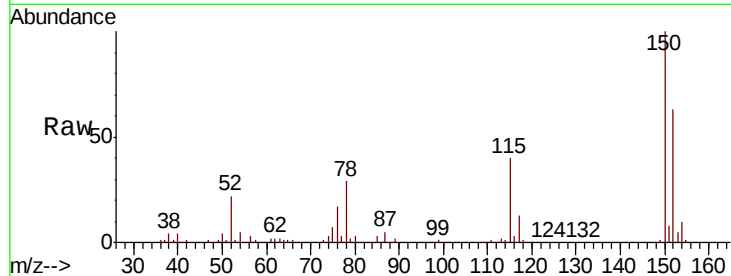
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.1	127.4	191.0
115	63.4	51.8	77.8

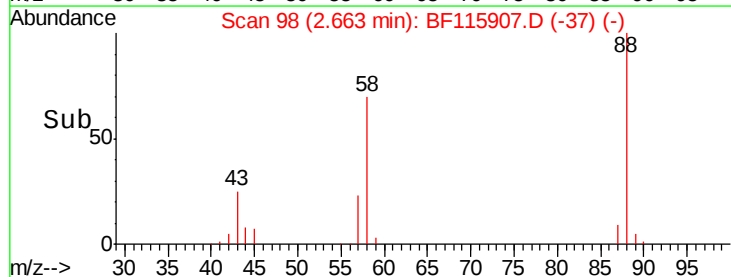
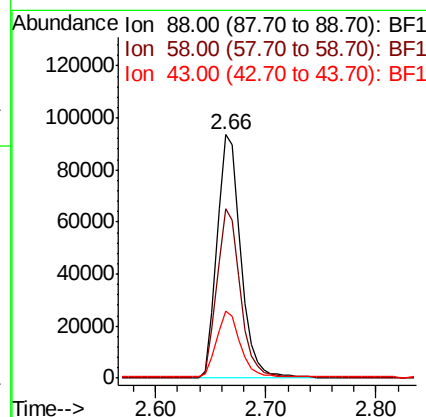
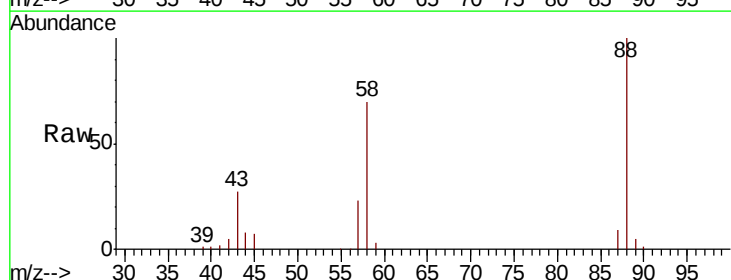
Manual Integrations
 APPROVED

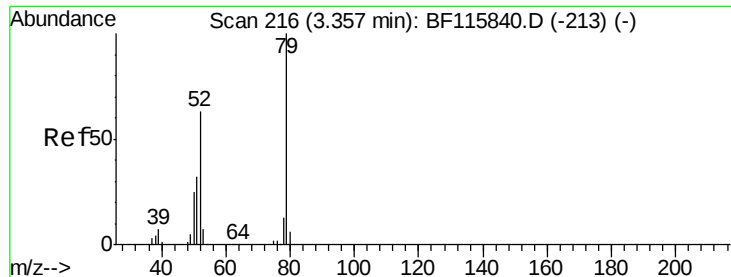
mohammad
 8/5/2019 1:48:06 PM



#2
 1,4-Dioxane
 Concen: 31.034 ng
 RT: 2.66 min Scan# 98
 Delta R.T. 0.06 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	54.1	81.1
43	26.9	20.7	31.1





#3

Pvridine

Concen: 29.910 ng

RT: 3.42 min Scan# 227

Delta R.T. 0.06 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

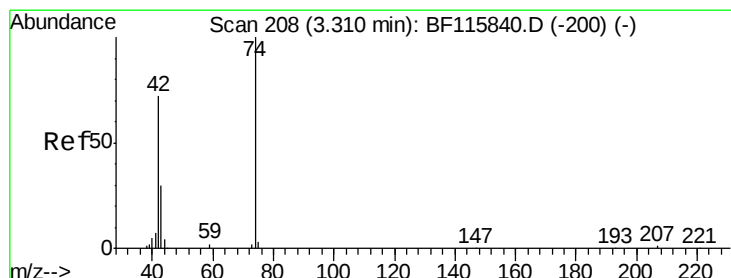
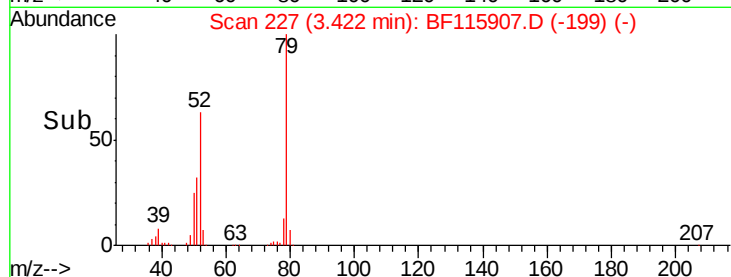
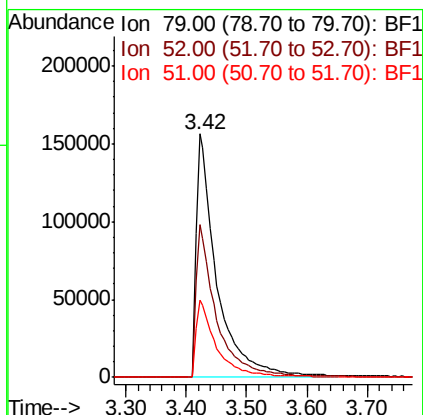
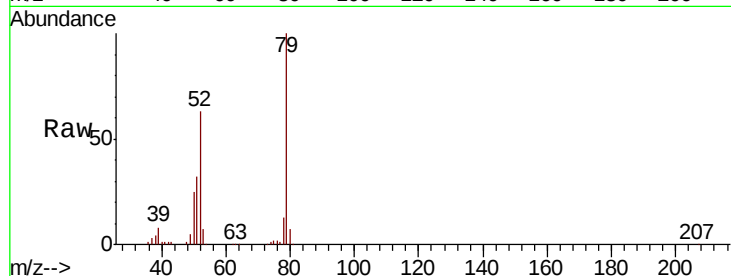
ClientSampleId :

TP-1-AMSD

Tot Ion:	79	Resp:	373439
Ion	Ratio	Lower	Upper
79	100		
52	62.6	50.2	75.4
51	31.9	25.8	38.6

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



#4

n-Nitrosodimethylamine

Concen: 34.241 ng

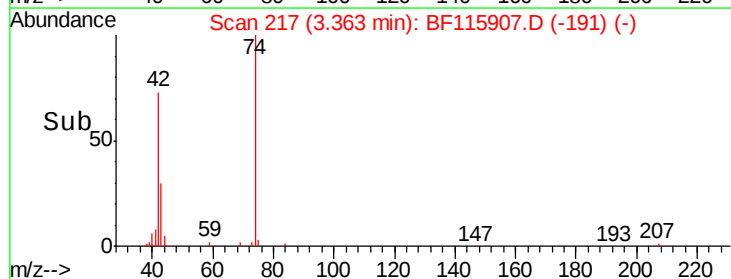
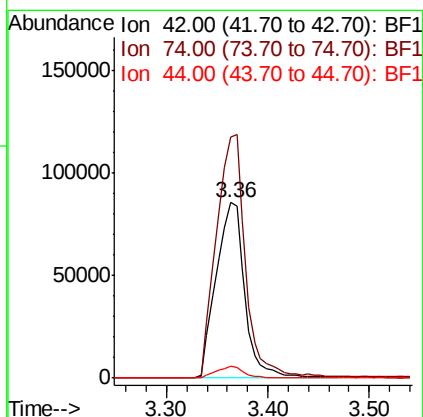
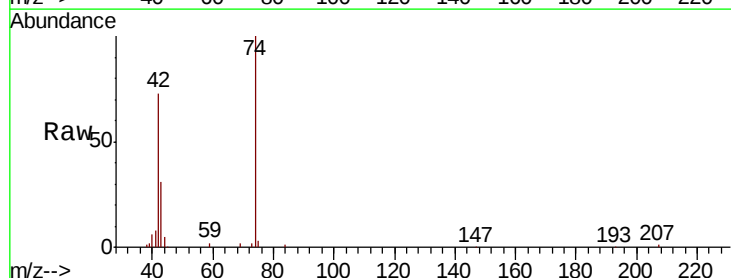
RT: 3.36 min Scan# 217

Delta R.T. 0.05 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Tgt Ion:	42	Resp:	168714
Ion	Ratio	Lower	Upper
42	100		
74	137.7	111.0	166.4
44	6.5	4.7	7.1





#5

2-Fluorophenol

Concen: 87.806 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.01 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

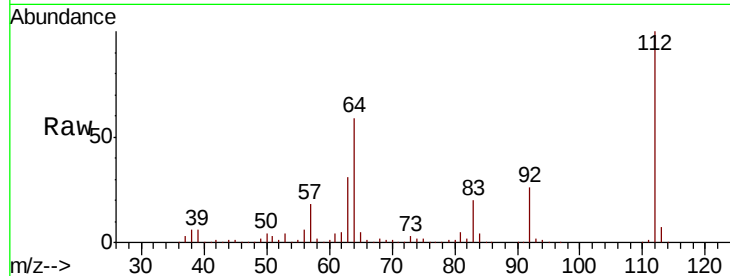
ClientSampleID :

TP-1-AMSD

Tot Ion:	112	Resp:	776851
Ion Ratio	Lower	Upper	
112	100		
64	59.1	46.8	70.2
63	30.8	24.2	36.2

Manual Integrations
APPROVED

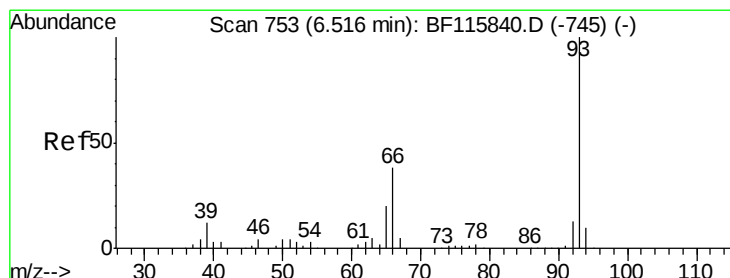
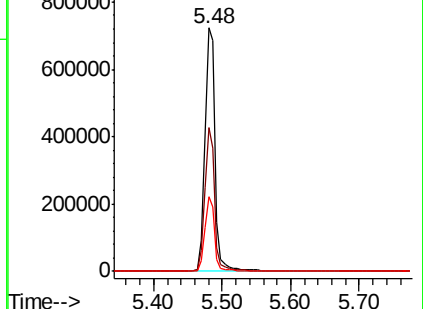
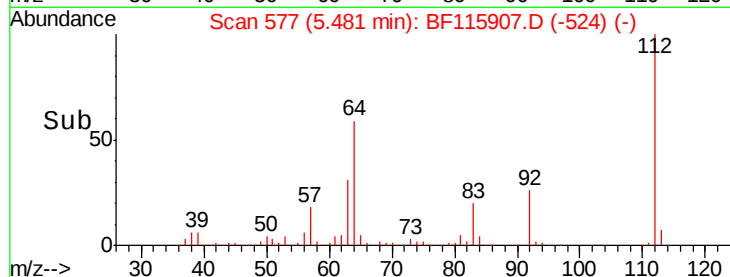
mohammad
8/5/2019 1:48:06 PM



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 15.340 ng

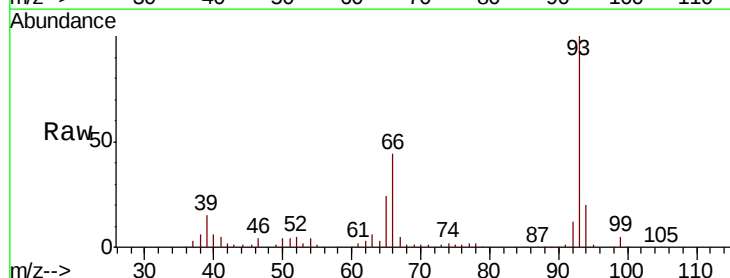
RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

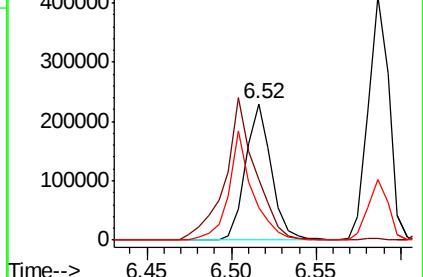
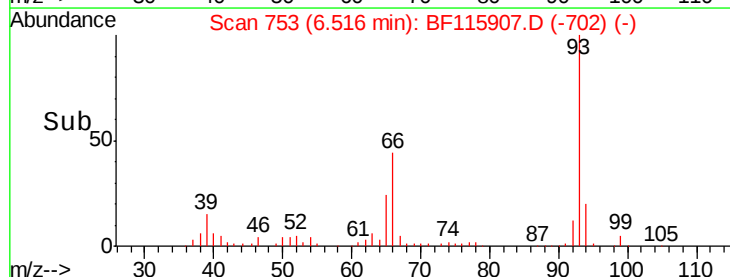
Tgt Ion:	93	Resp:	245230
Ion Ratio	Lower	Upper	
93	100		
66	44.2	31.4	47.0
65	23.9	16.5	24.7



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 92.445 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

ClientSampleId :

TP-1-AMSD

Tot Ion: 99 Resp: 1031915

Ion Ratio Lower Upper

99 100

42 17.1 13.8 20.6

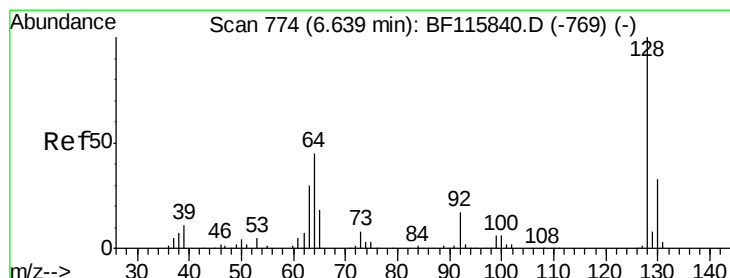
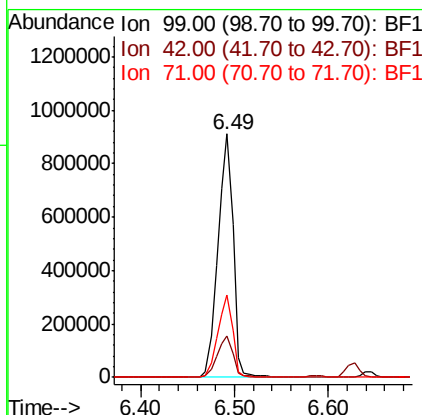
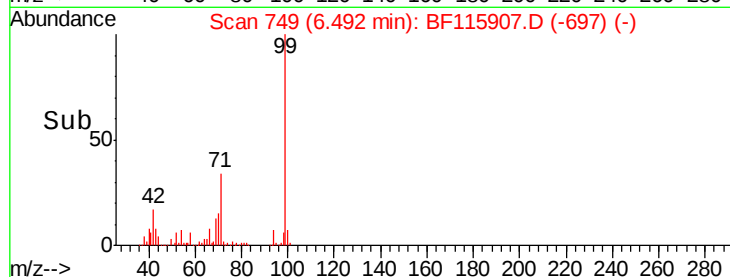
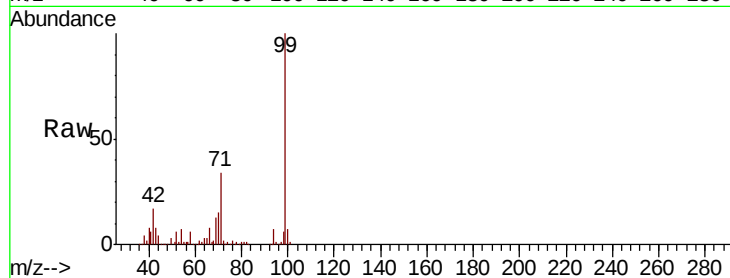
71 33.8 27.1 40.7

Manual Integrations

APPROVED

mohammad

8/5/2019 1:48:06 PM



#8

2-Chlorophenol

Concen: 37.410 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.01 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

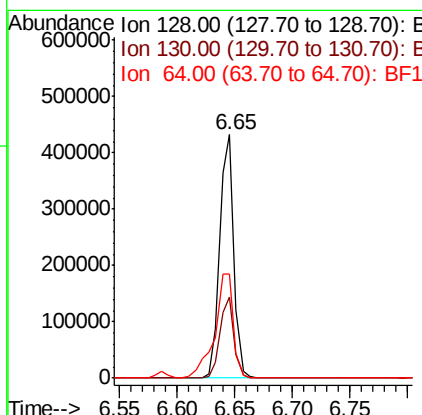
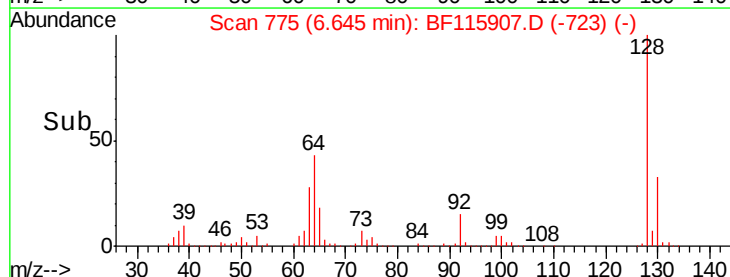
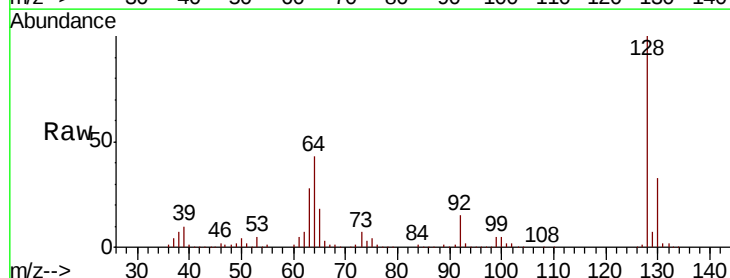
Tgt Ion: 128 Resp: 365997

Ion Ratio Lower Upper

128 100

130 33.1 12.9 52.9

64 42.7 26.1 66.1





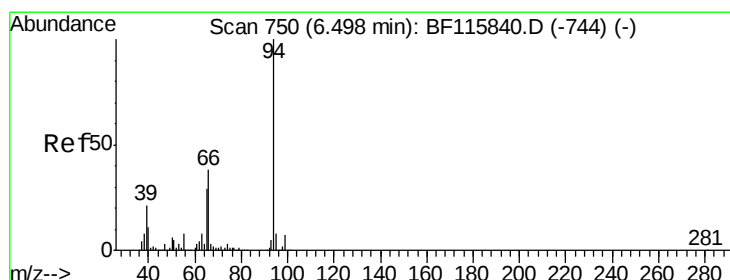
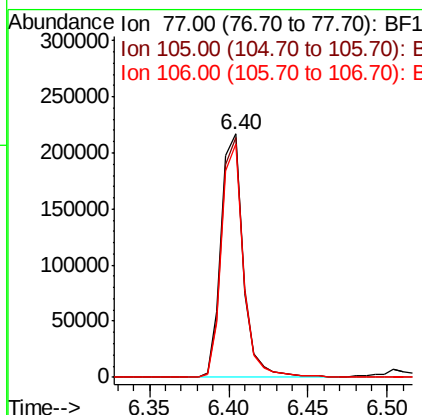
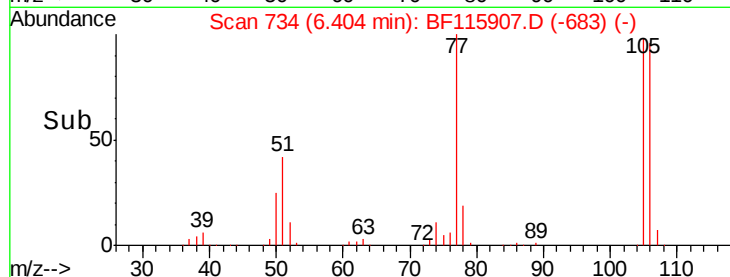
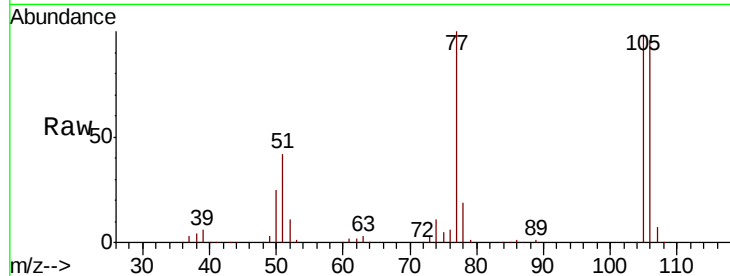
#9
Benzaldehyde
Concen: 27.406 ng
RT: 6.40 min Scan# 734
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	98.5	79.0	119.0
106	96.0	76.2	116.2

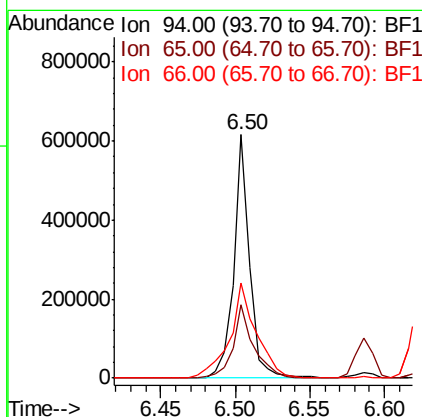
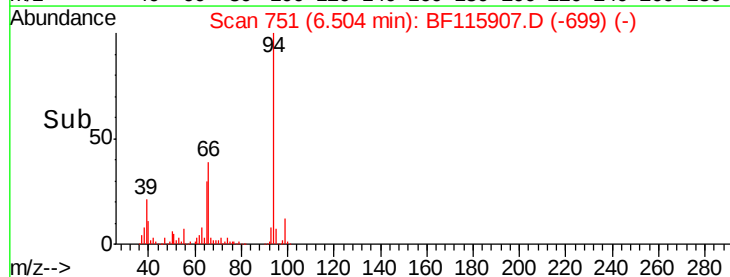
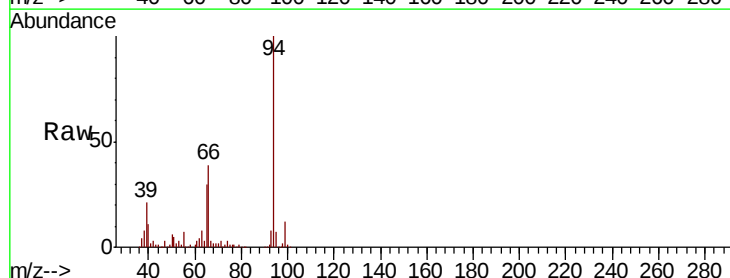
Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



#10
Phenol
Concen: 35.325 ng
RT: 6.50 min Scan# 751
Delta R.T. 0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
94	100		
65	29.9	8.9	48.9
66	39.0	18.0	58.0





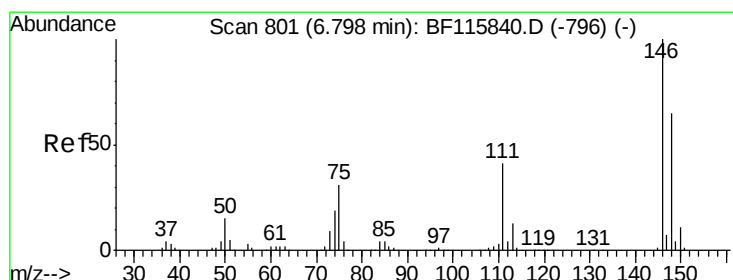
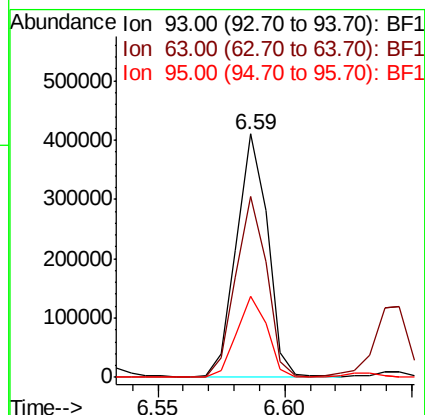
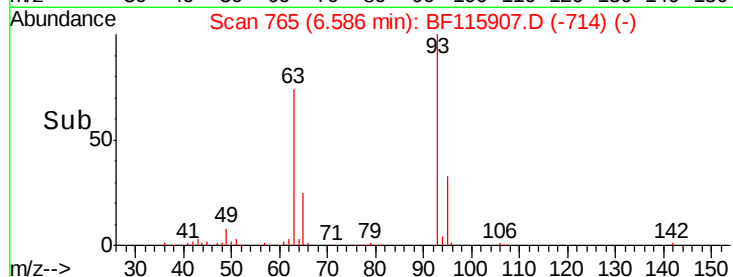
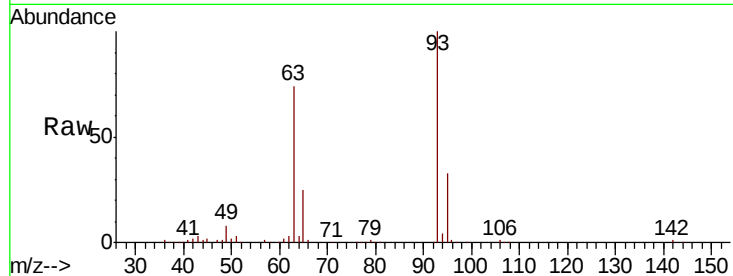
#11
bis(2-Chloroethyl)ether
Concen: 35.994 ng
RT: 6.59 min Scan# 765
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	347855		
63	74.3		54.9	94.9
95	33.1		13.3	53.3

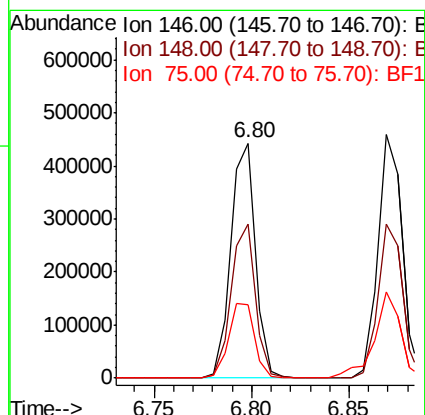
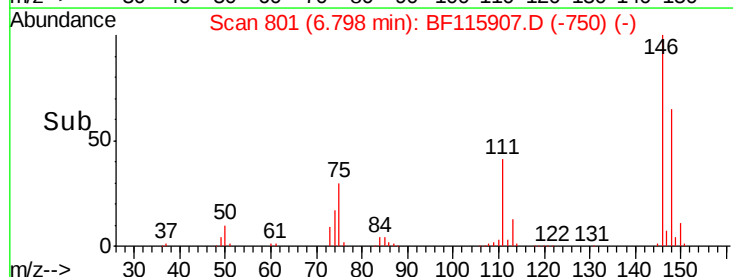
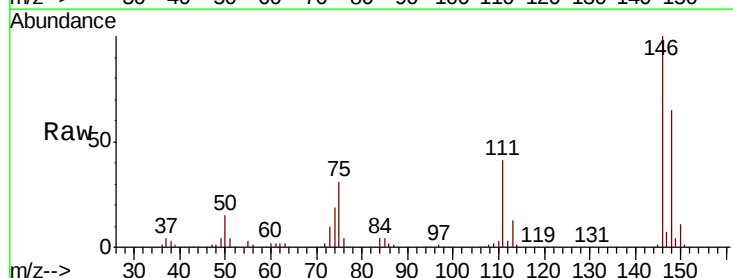
Manual Integrations
APPROVED

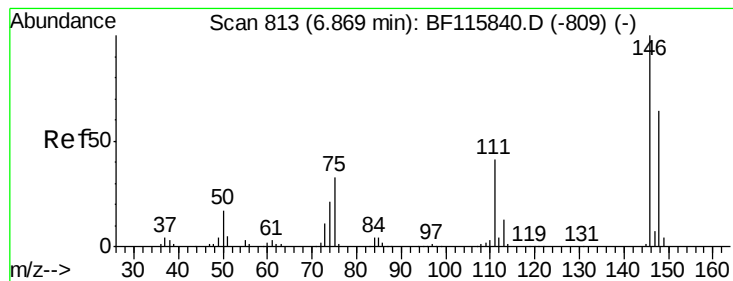
mohammad
8/5/2019 1:48:06 PM



#12
1,3-Dichlorobenzene
Concen: 34.399 ng
RT: 6.80 min Scan# 801
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	388940		
148	65.3		52.1	78.1
75	30.9		25.0	37.6





#13

1,4-Dichlorobenzene

Concen: 35.045 ng

RT: 6.87 min Scan# 813

Delta R.T. -0.00 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

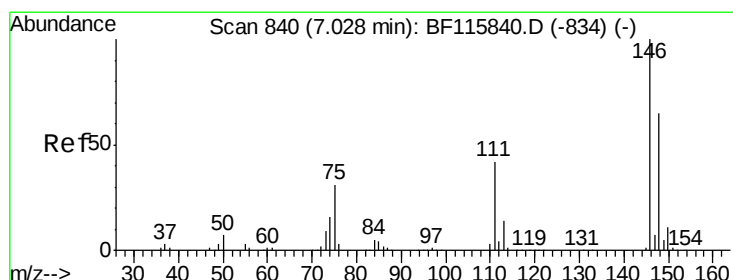
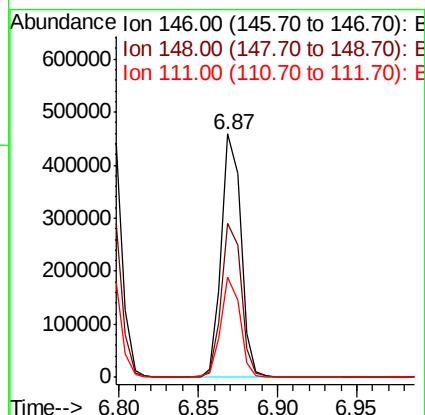
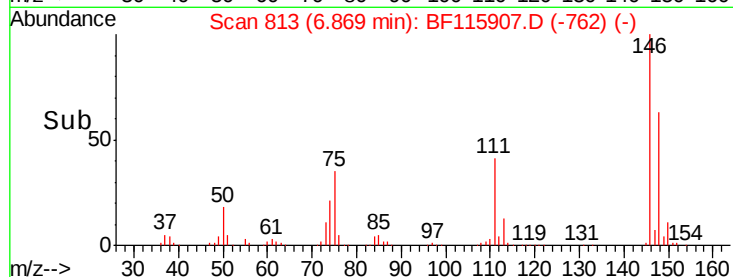
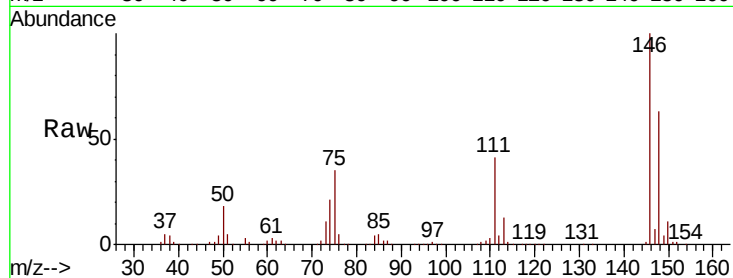
ClientSampleId :

TP-1-AMSD

Tot Ion:	146	Resp:	396739
Ion Ratio	Lower	Upper	
146	100		
148	63.2	51.2	76.8
111	41.3	33.2	49.8

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



#14

1,2-Dichlorobenzene

Concen: 35.593 ng

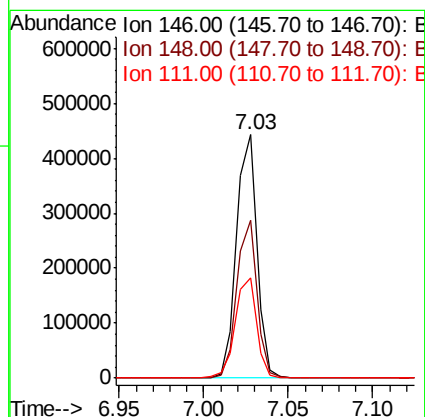
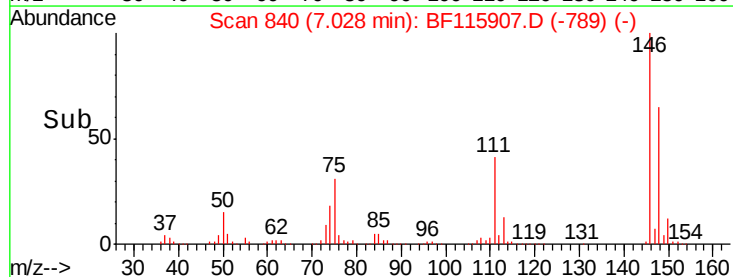
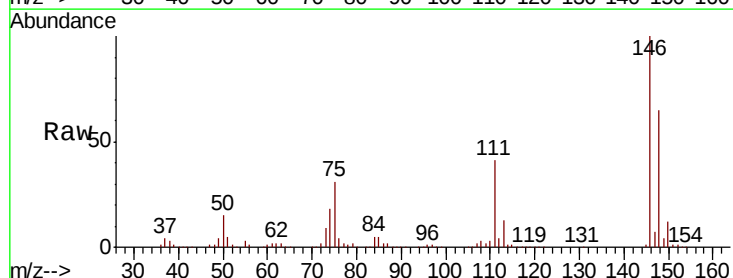
RT: 7.03 min Scan# 840

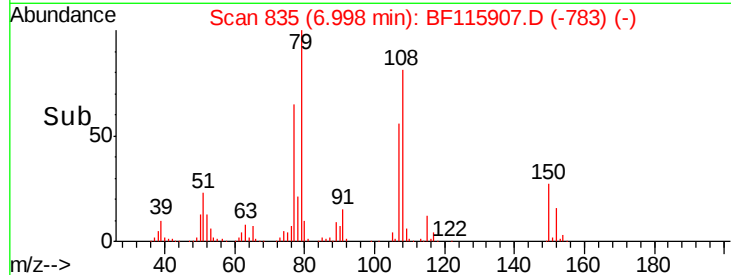
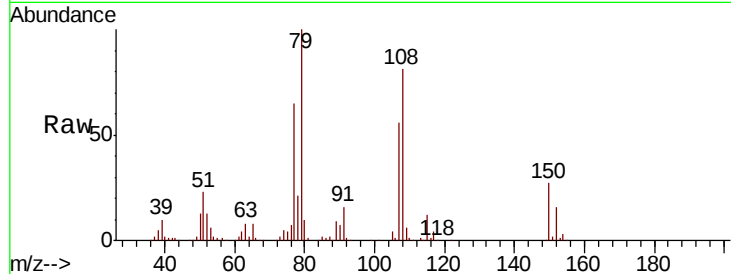
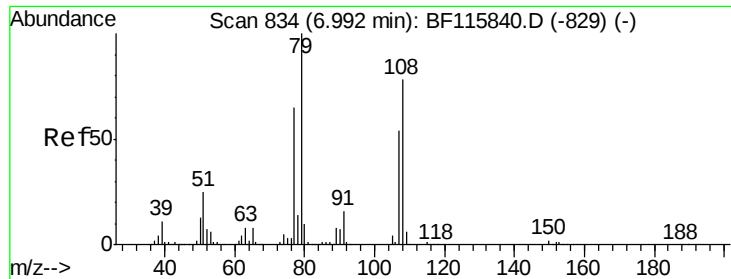
Delta R.T. -0.00 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Tgt Ion:	146	Resp:	371033
Ion Ratio	Lower	Upper	
146	100		
148	64.8	51.6	77.4
111	41.2	33.6	50.4





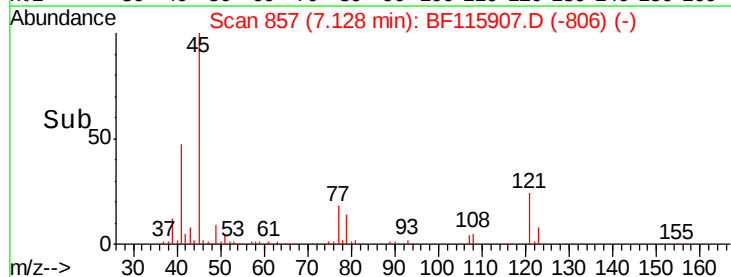
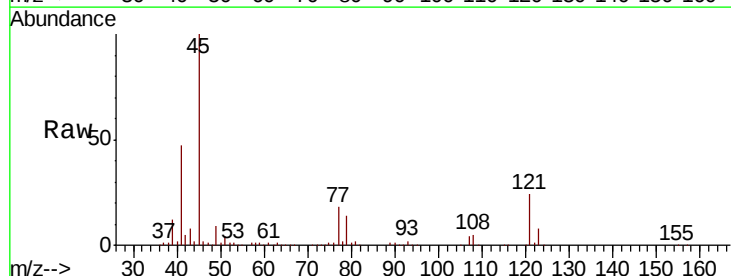
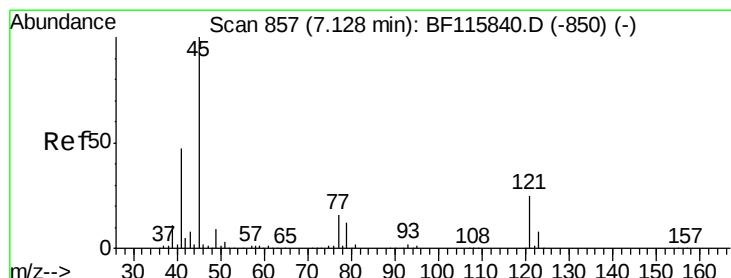
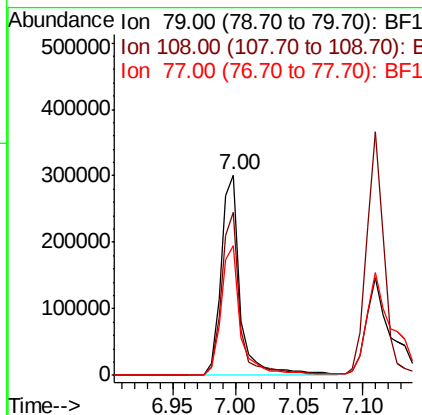
#15
Benzyl Alcohol
Concen: 37.696 ng
RT: 7.00 min Scan# 835
Delta R.T. 0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tot Ion	Ratio	Resp	Lower	Upper
79	100			
108	81.1	62.8	94.2	
77	64.6	52.0	78.0	

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

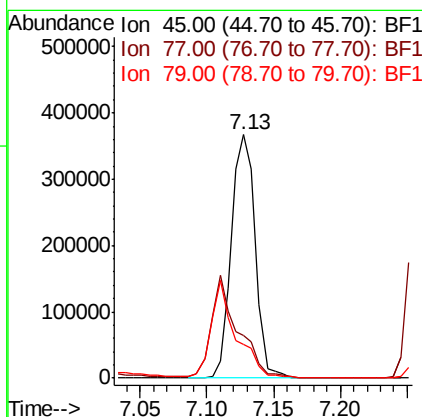
Manual Integrations
APPROVED

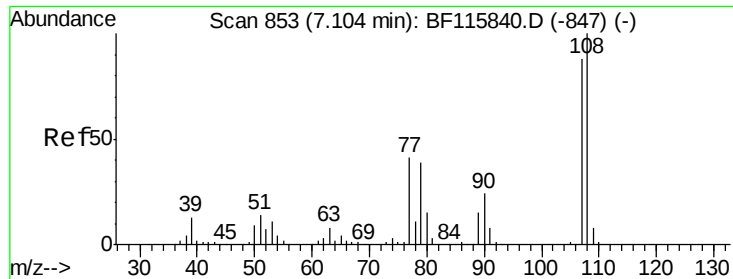
mohammad
8/5/2019 1:48:06 PM



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.982 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
45	100			
77	17.8	0.0	36.3	
79	13.9	0.0	32.5	





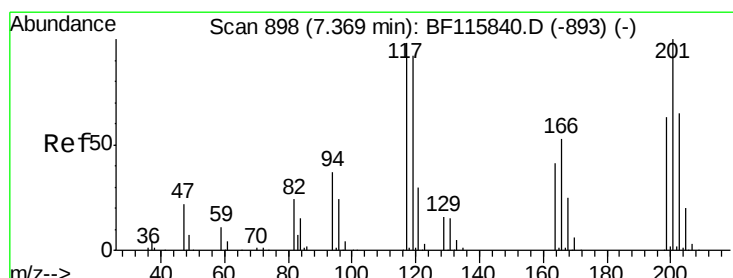
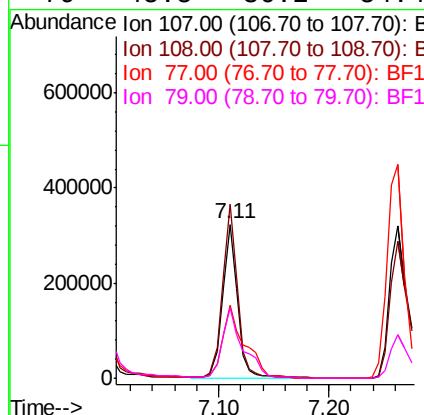
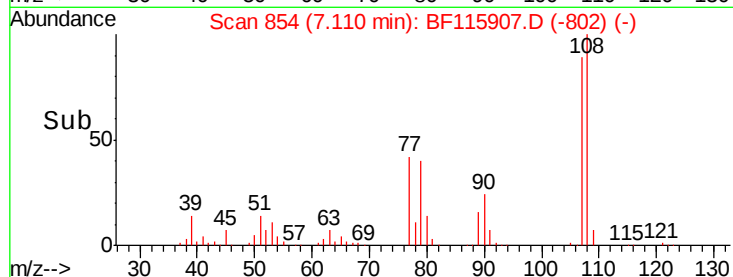
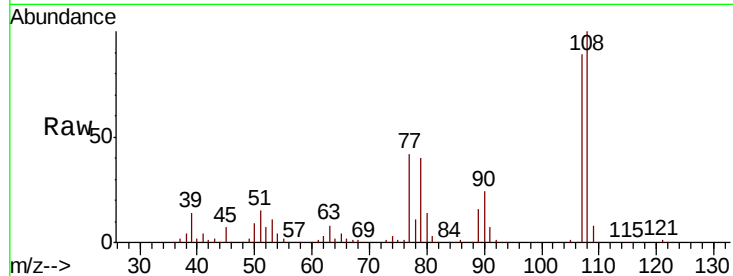
#17
2-Methylphenol
Concen: 36.999 ng
RT: 7.11 min Scan# 854
Delta R.T. 0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.9	91.4	137.0	
77	47.6	37.6	56.4	
79	45.5	36.2	54.4	

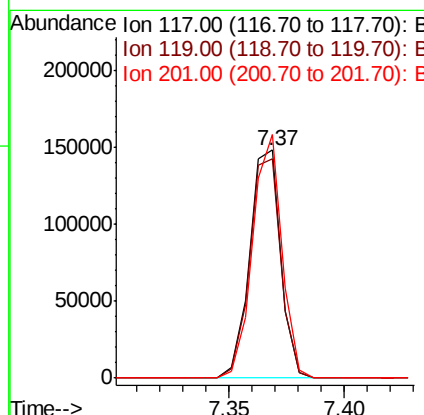
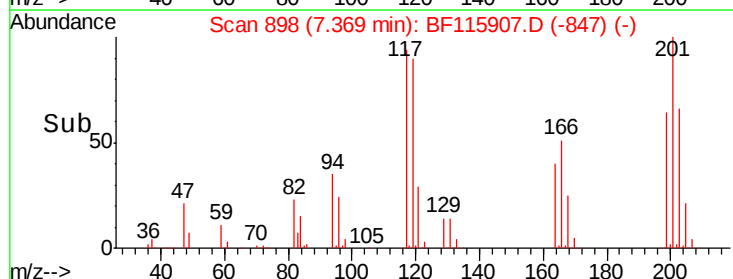
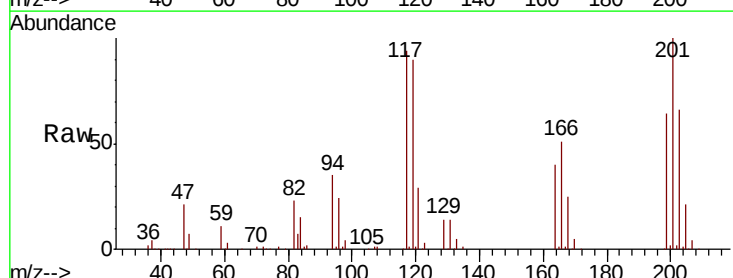
Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



#18
Hexachloroethane
Concen: 33.519 ng
RT: 7.37 min Scan# 898
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.2	75.8	113.6	
201	106.9	82.0	123.0	





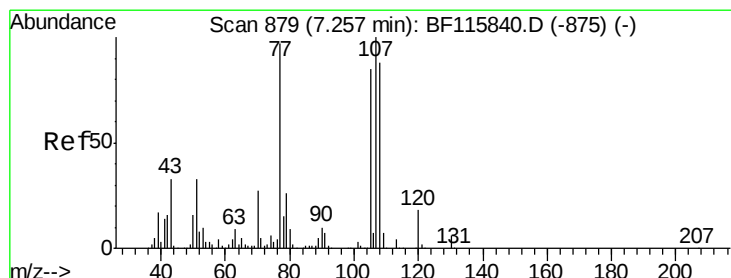
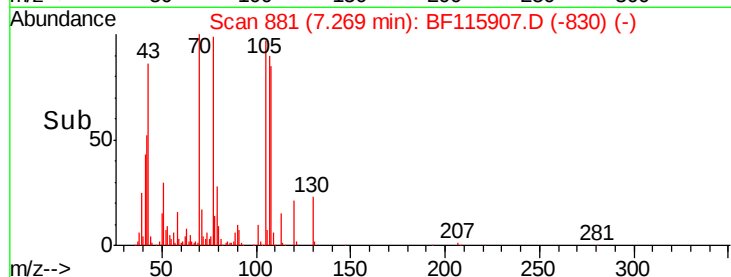
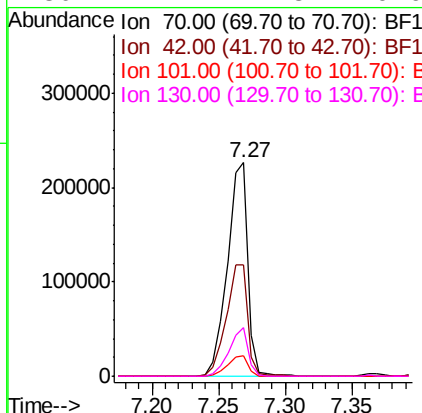
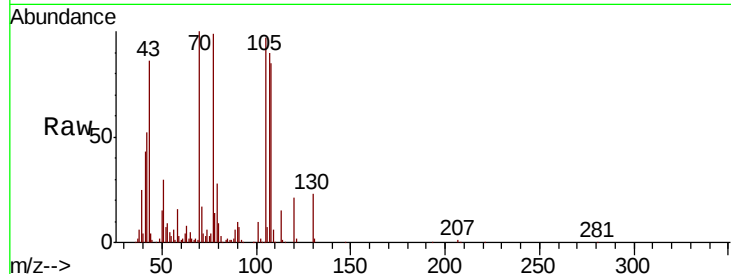
#19
n-Nitroso-di-n-propylamine
Concen: 35.552 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	52.3	41.8	62.8		
101	9.9	7.7	11.5		
130	22.7	17.8	26.6		

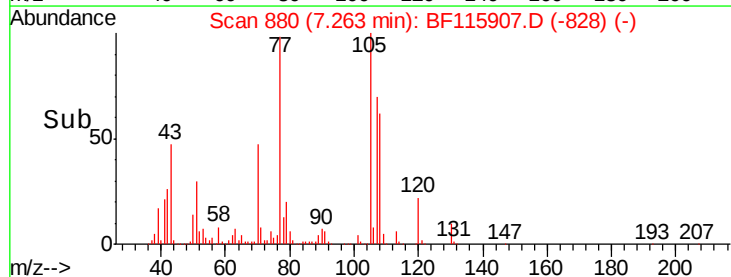
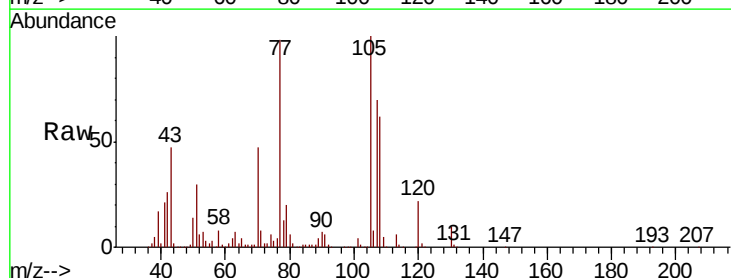
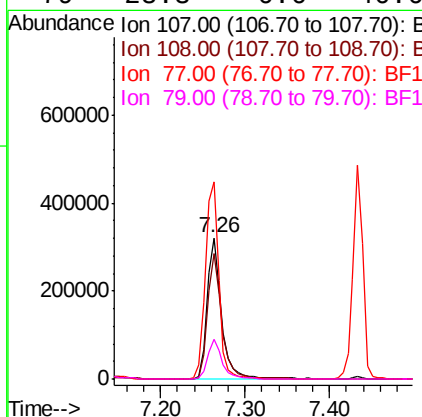
Manual Integrations
APPROVED

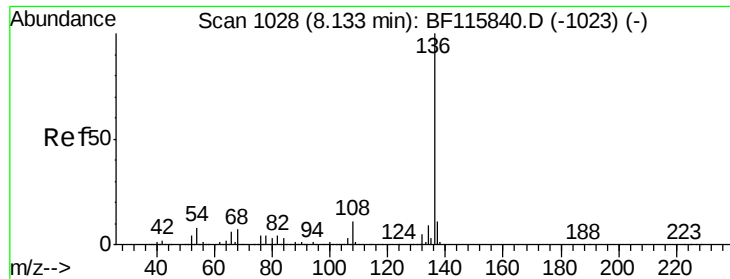
mohammad
8/5/2019 1:48:06 PM



#20
3+4-Methylphenols
Concen: 38.067 ng
RT: 7.26 min Scan# 880
Delta R.T. 0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	89.5	67.9	107.9		
77	140.2	77.3	117.3		
79	28.3	6.6	46.6		





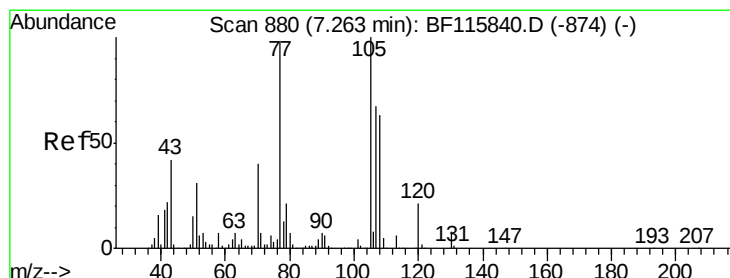
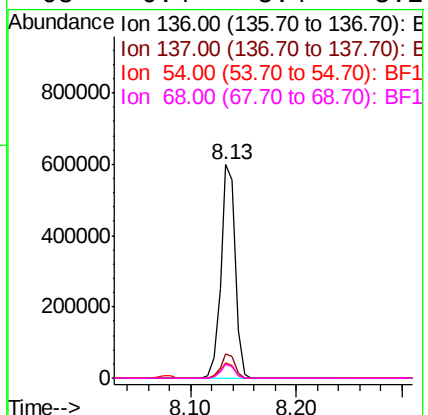
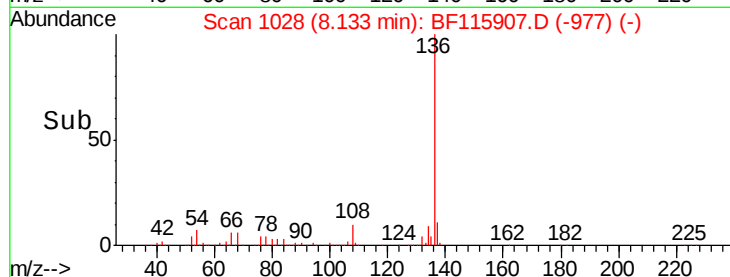
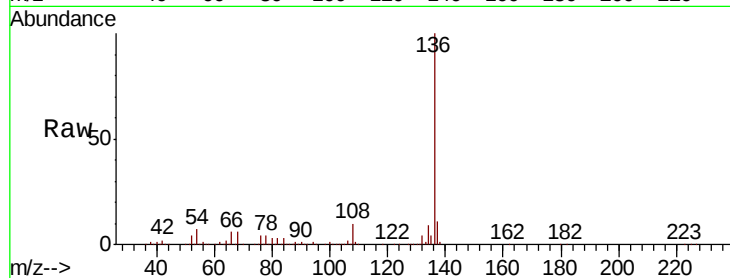
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		573290		
137	11.4	9.1	13.7		
54	7.4	6.1	9.1		
68	6.4	5.4	8.2		

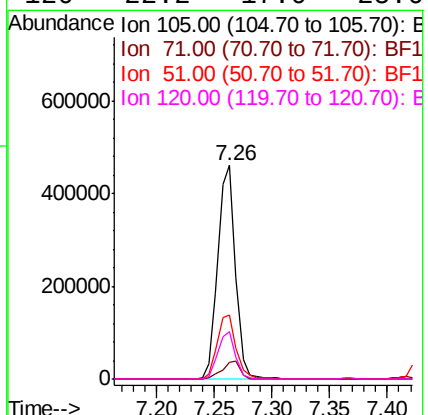
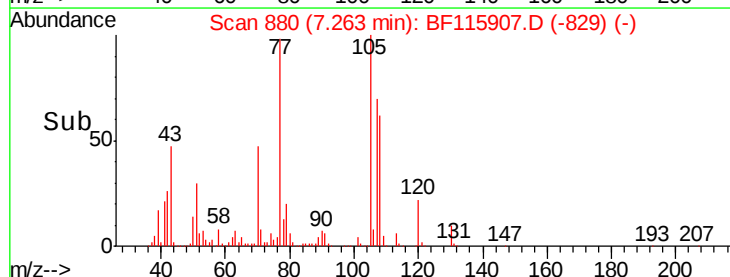
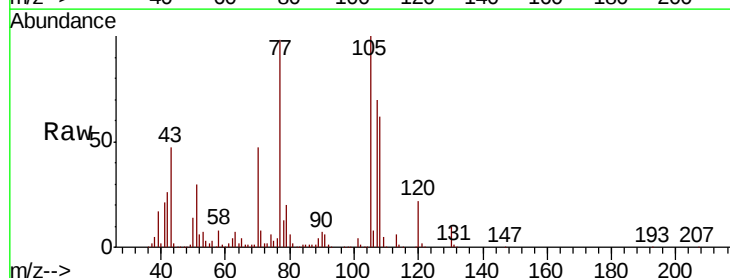
Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



#22
Acetophenone
Concen: 38.900 ng
RT: 7.26 min Scan# 880
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		489089		
71	7.9	5.4	8.0		
51	29.8	24.6	36.8		
120	22.2	17.0	25.6		





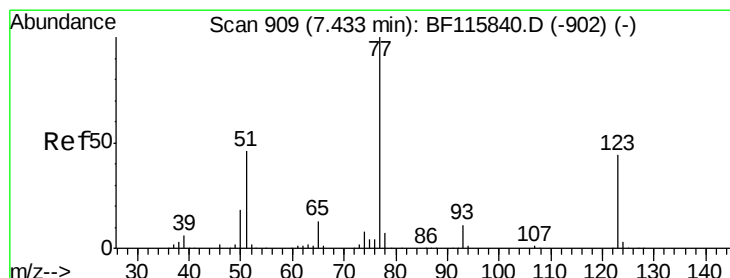
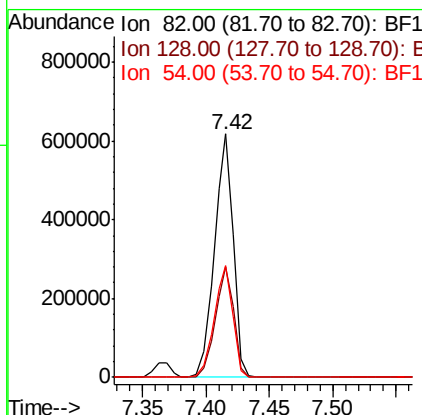
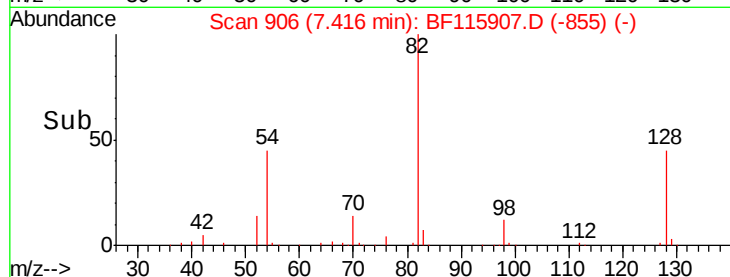
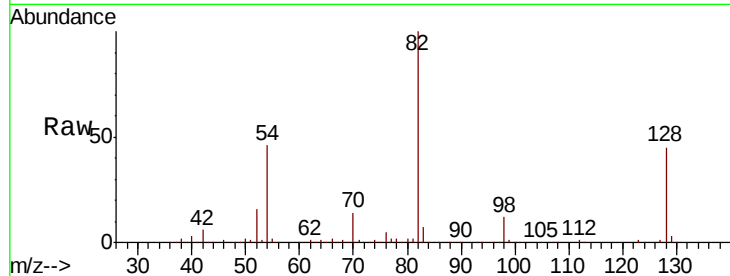
#23
 Nitrobenzene-d5
 Concen: 64.789 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.4	36.6	55.0
54	46.0	36.6	55.0

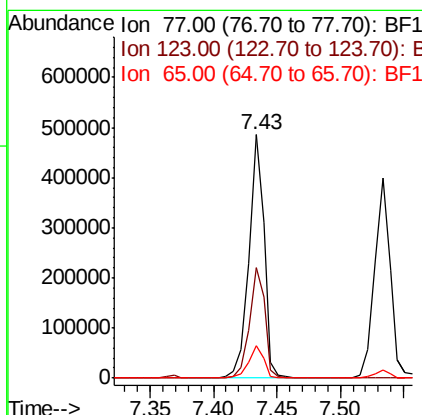
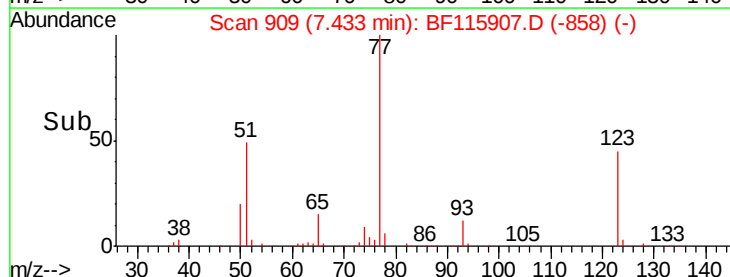
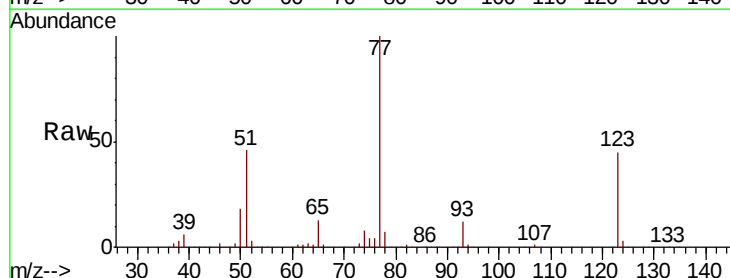
Manual Integrations
 APPROVED

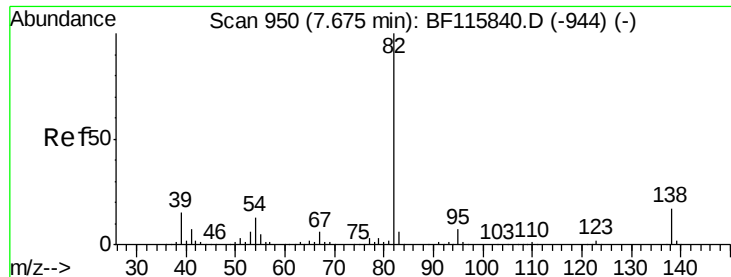
mohammad
 8/5/2019 1:48:06 PM



#24
 Nitrobenzene
 Concen: 37.445 ng
 RT: 7.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.3	35.5	53.3
65	13.4	10.6	15.8





#25

Isophorone

Concen: 37.455 ng

RT: 7.67 min Scan# 950

Delta R.T. -0.00 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

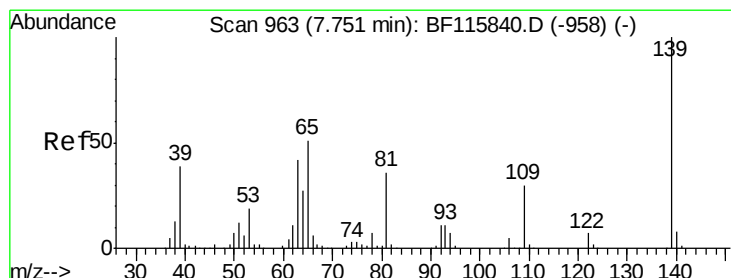
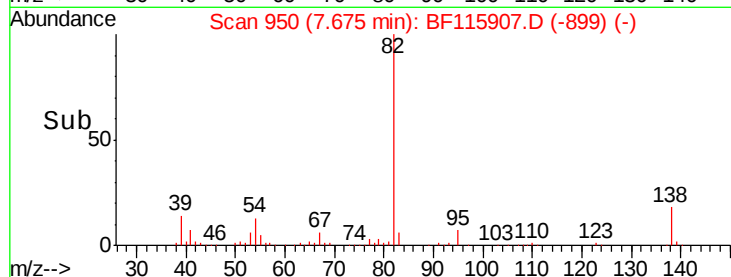
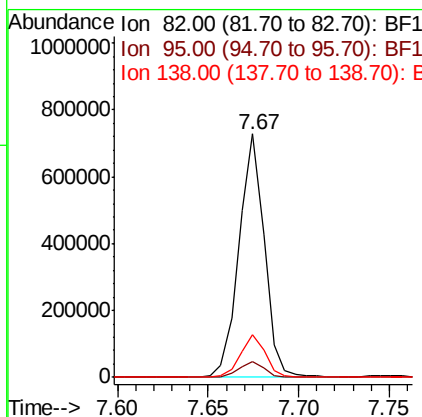
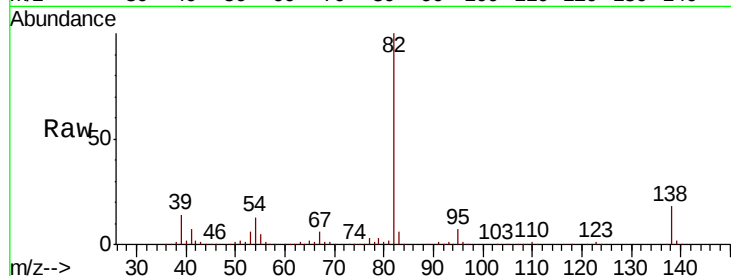
ClientSampleId :

TP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	711299		
95	6.7		5.5	8.3
138	17.5		13.9	20.9

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



#26

2-Nitrophenol

Concen: 38.520 ng

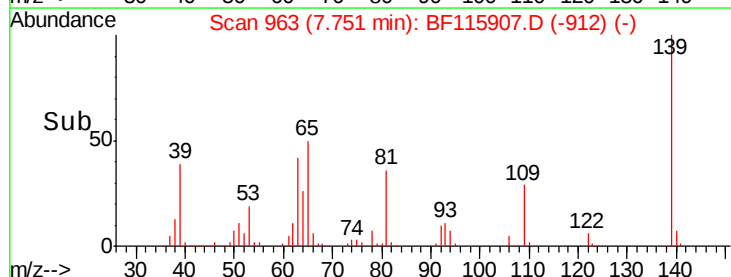
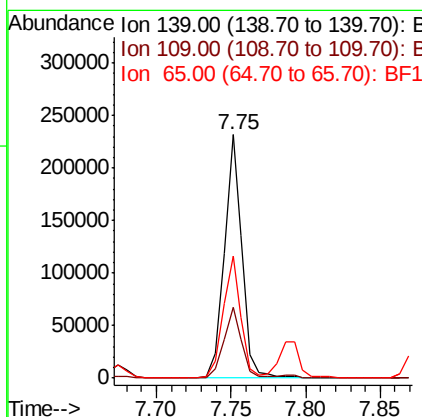
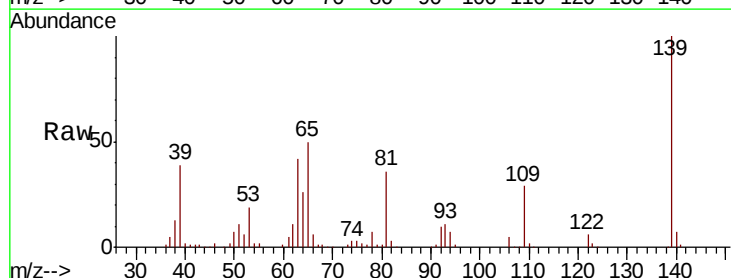
RT: 7.75 min Scan# 963

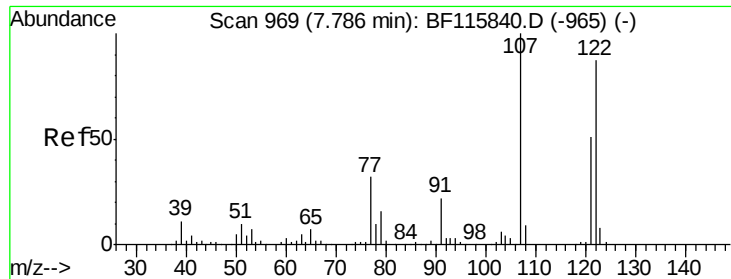
Delta R.T. -0.00 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	194719		
109	29.0		23.6	35.4
65	49.9		40.6	60.8





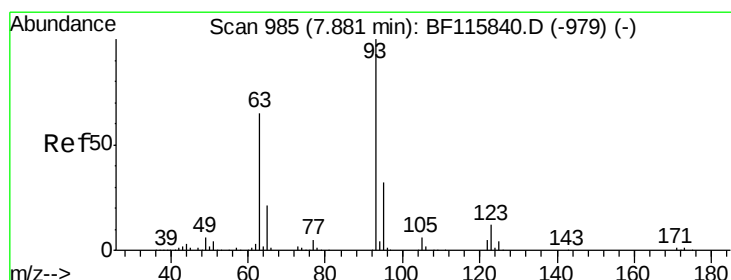
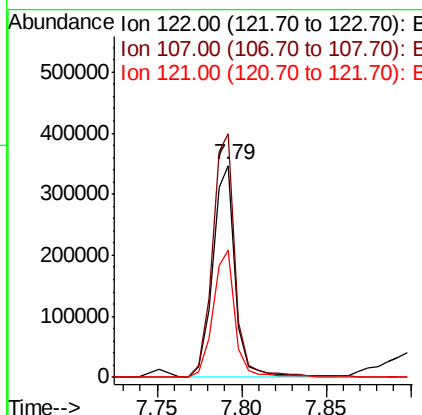
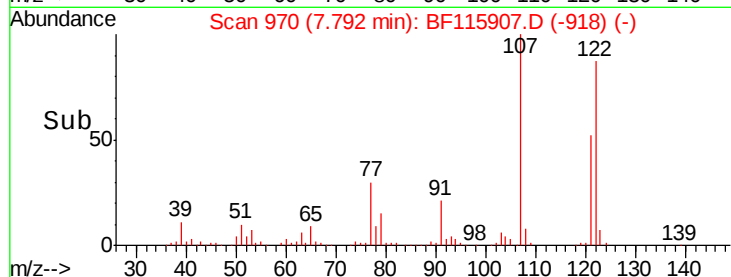
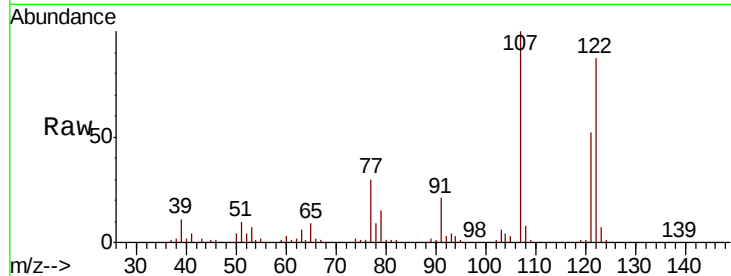
#27
2,4-Dimethylphenol
Concen: 42.814 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampled :
TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	115.1	91.7	137.5
121	59.9	46.6	70.0

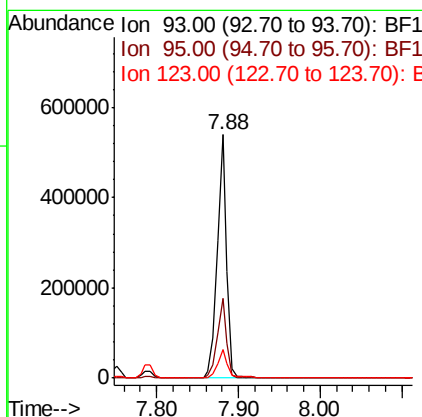
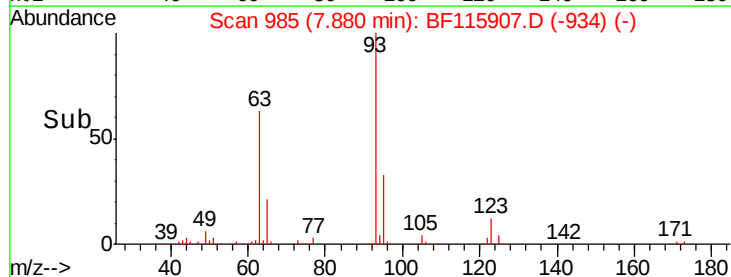
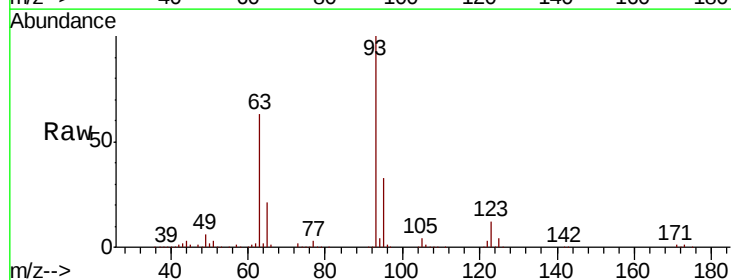
Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.038 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.0	39.0
123	11.7	9.5	14.3





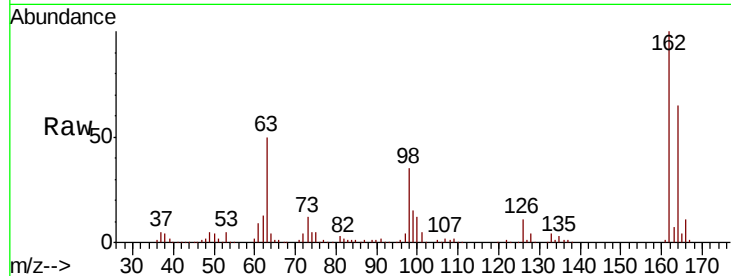
#29
 2,4-Dichlorophenol
 Concen: 38.712 ng
 RT: 8.00 min Scan# 1005
 Delta R.T. 0.01 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	310859		
164	65.0	43.2	83.2	
98	34.5	17.3	57.3	

Manual Integrations
 APPROVED

mohammad
 8/5/2019 1:48:06 PM

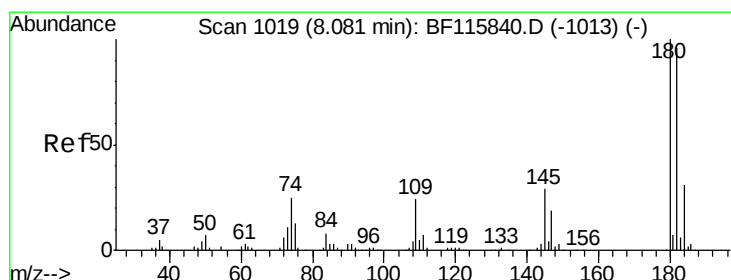
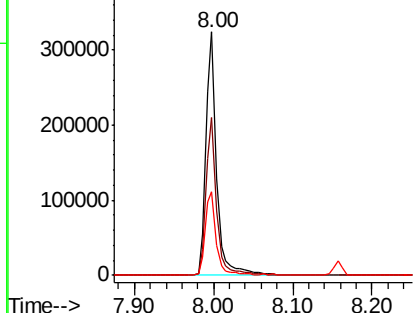
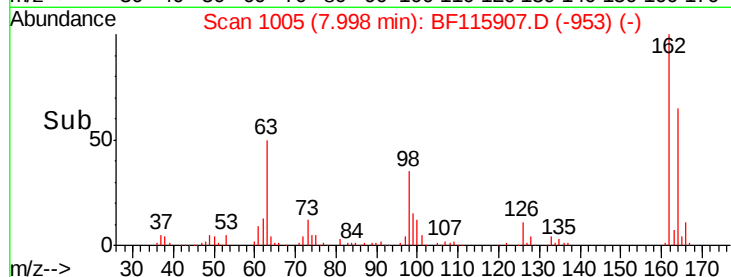


Abundance

Ion 162.00 (161.70 to 162.70): E

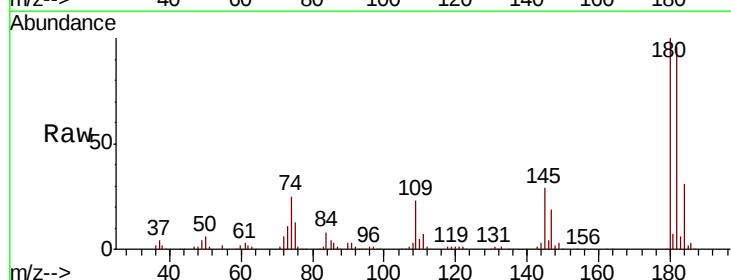
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.449 ng
 RT: 8.08 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	333644		
182	95.9	76.6	114.8	
145	29.2	23.2	34.8	

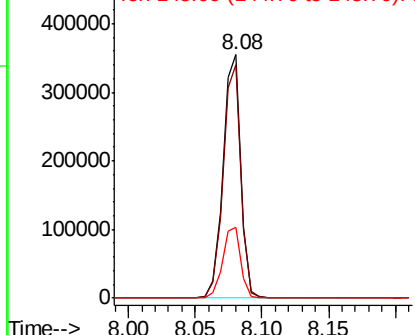
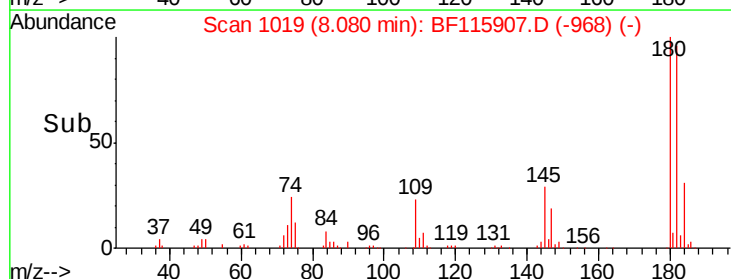


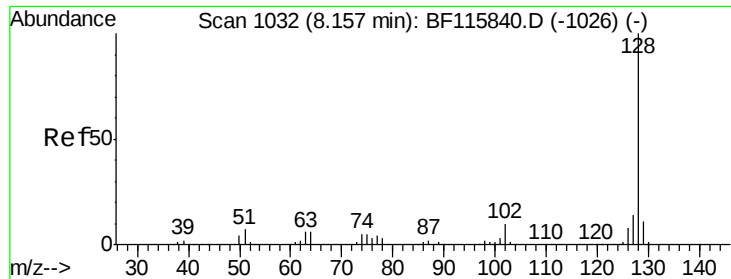
Abundance

Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





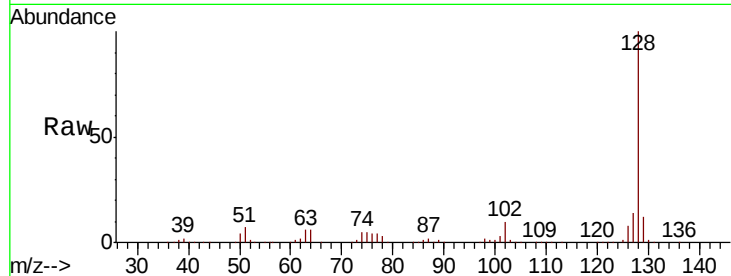
#31
Naphthalene
Concen: 38.466 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.7	11.0	16.4

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM

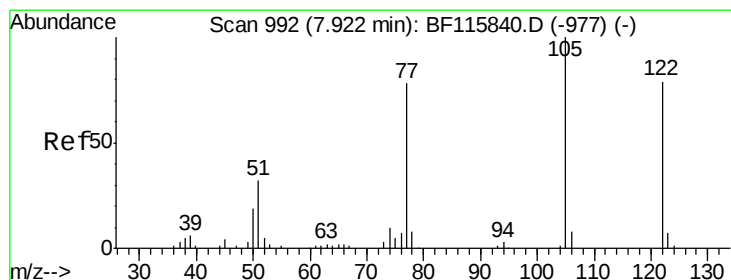
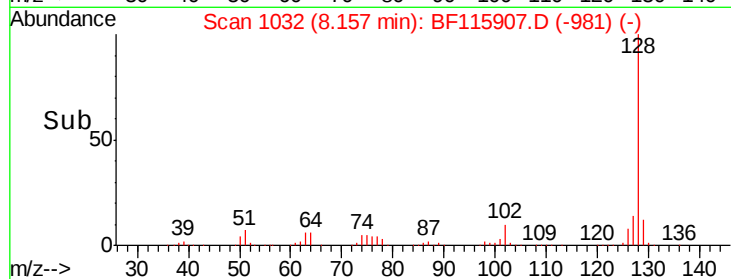
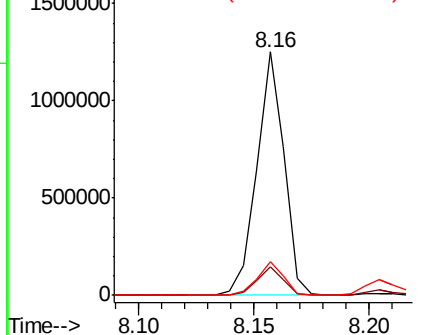


Abundance

Ion 128.00 (127.70 to 128.70): E

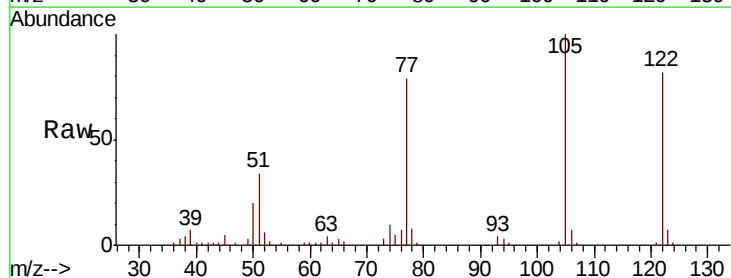
Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32
Benzoic acid
Concen: 19.518 ng
RT: 7.91 min Scan# 990
Delta R.T. -0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.2	103.1	143.1
77	96.6	76.8	116.8

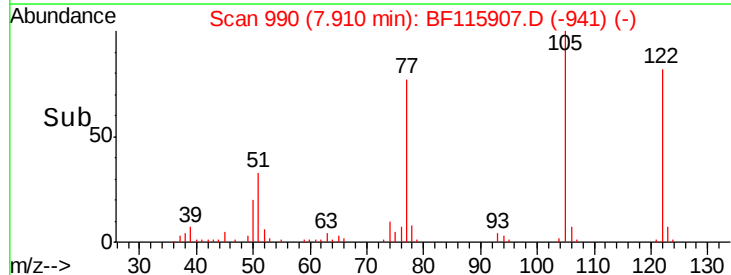
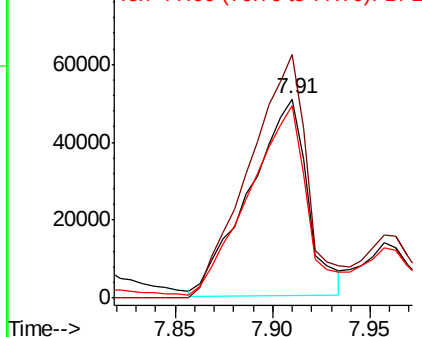


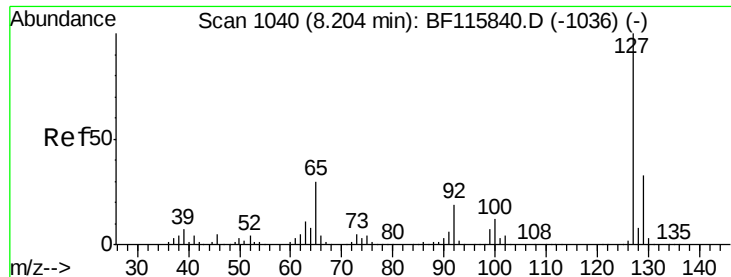
Abundance

Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





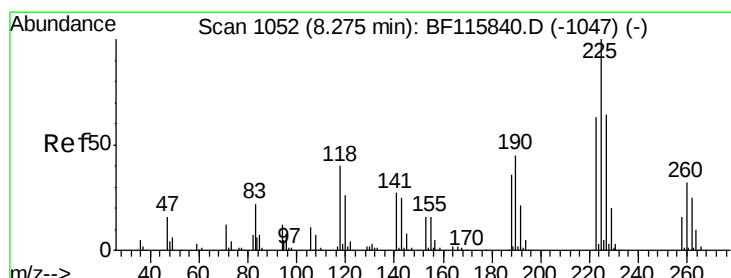
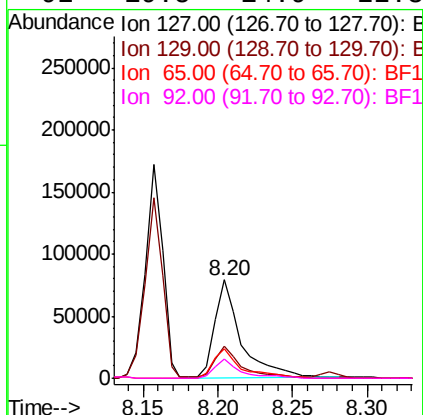
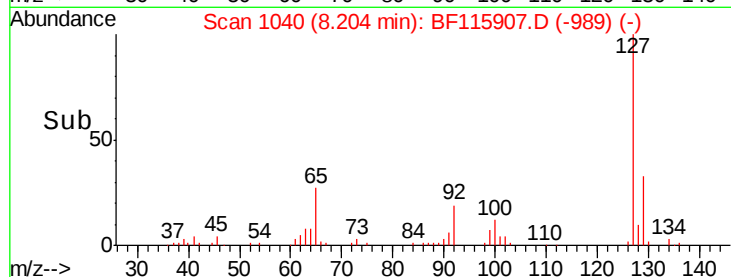
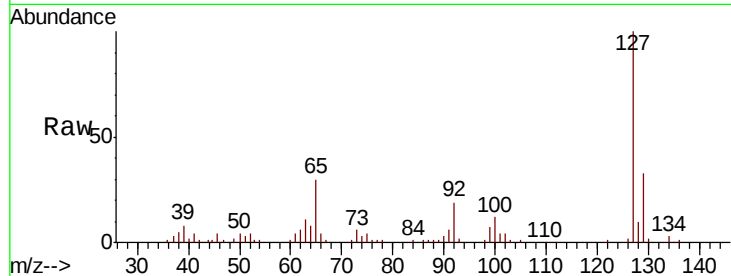
#33
4-Chloroaniline
Concen: 8.099 ng
RT: 8.20 min Scan# 1040
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		97626		
129	33.1	26.0	39.0		
65	30.1	23.9	35.9		
92	19.5	14.9	22.3		

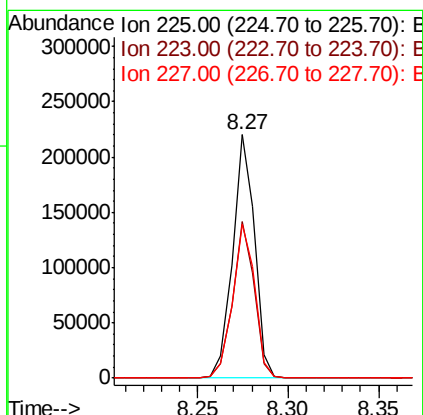
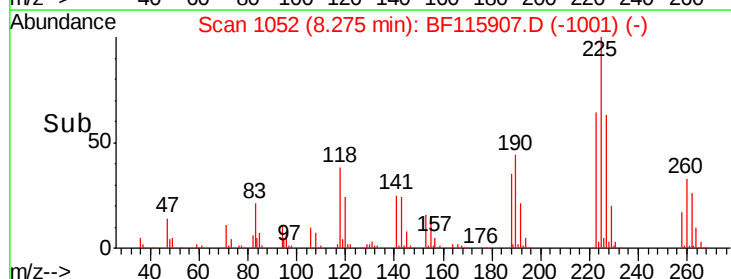
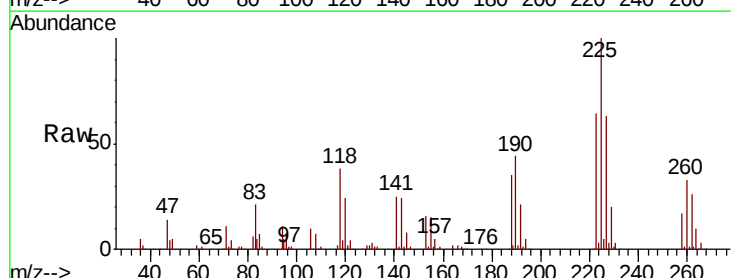
Manual Integrations
APPROVED

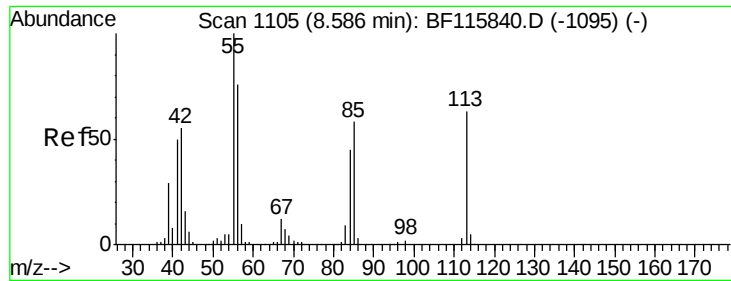
mohammad
8/5/2019 1:48:06 PM



#34
Hexachlorobutadiene
Concen: 35.235 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		185774		
223	64.3	50.4	75.6		
227	63.4	51.6	77.4		





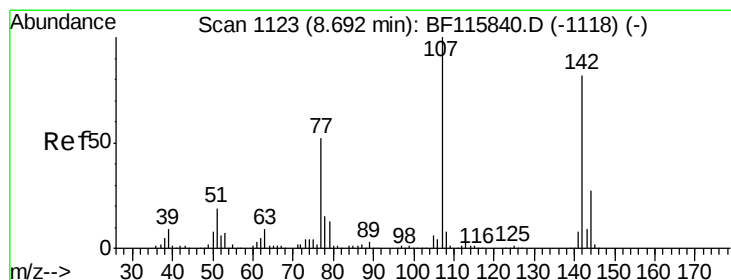
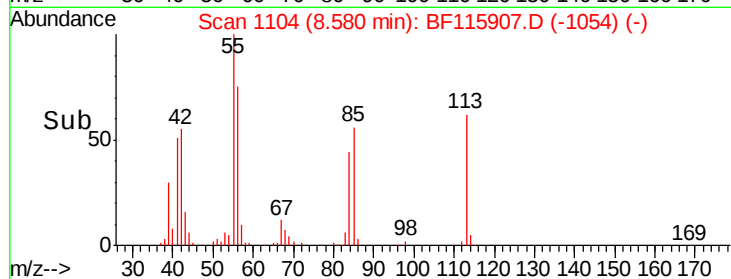
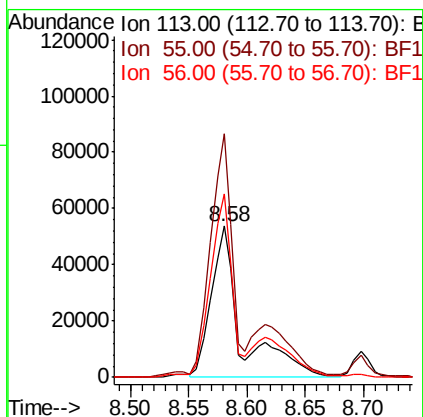
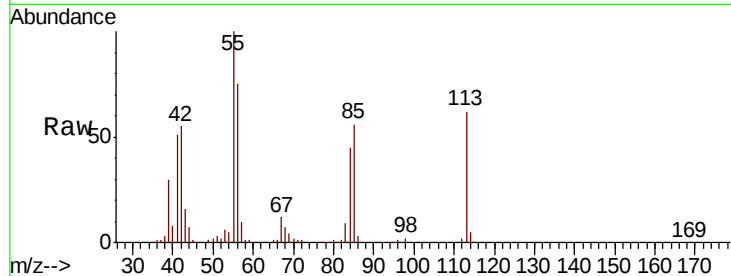
#35
Caprolactam
Concen: 37.048 ng/ml
RT: 8.58 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	161.2	138.1	178.1
56	121.4	100.6	140.6

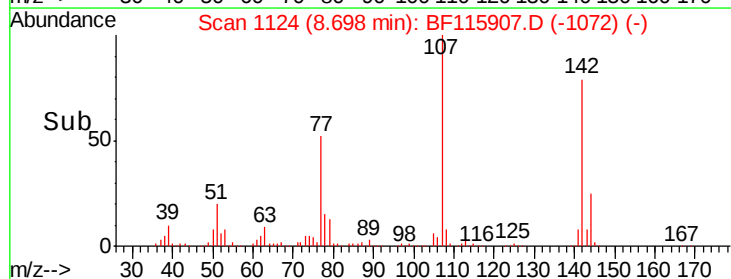
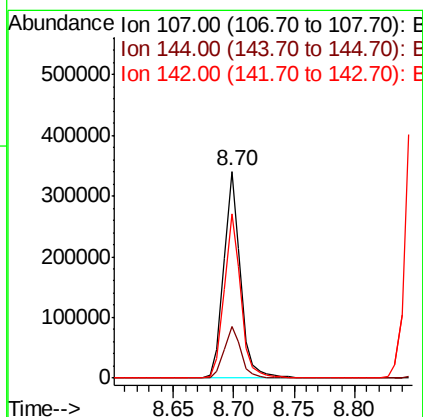
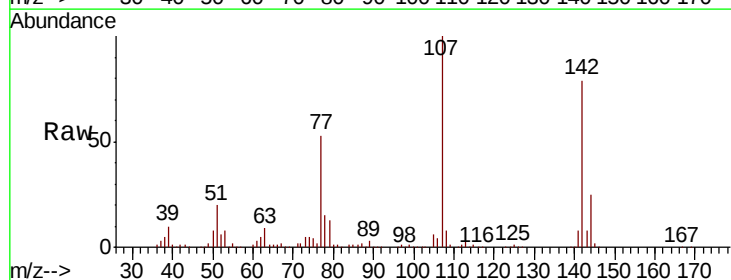
Manual Integrations
APPROVED

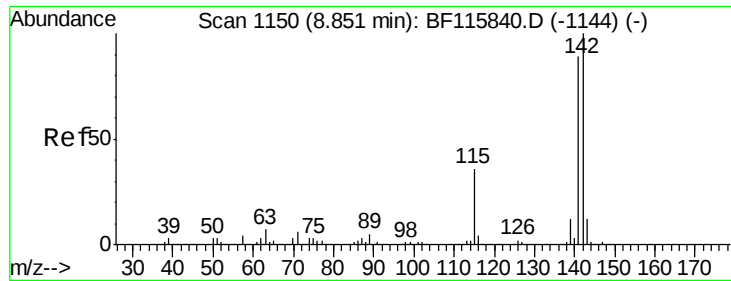
mohammad
8/5/2019 1:48:06 PM



#36
4-Chloro-3-methylphenol
Concen: 38.691 ng/ml
RT: 8.70 min Scan# 1124
Delta R.T. 0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
107	100		
144	25.2	21.4	32.0
142	79.3	65.5	98.3





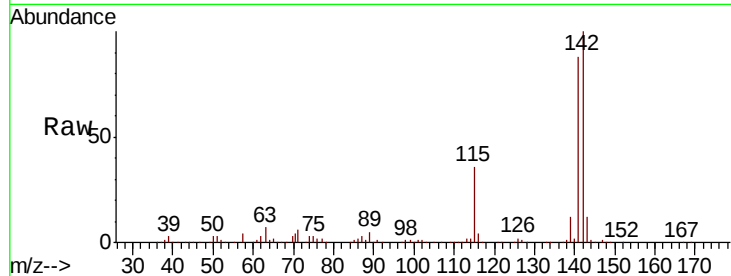
#37
2-Methylnaphthalene
Concen: 38.943 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampled :
TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.2
115	35.7	28.9	43.3

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM

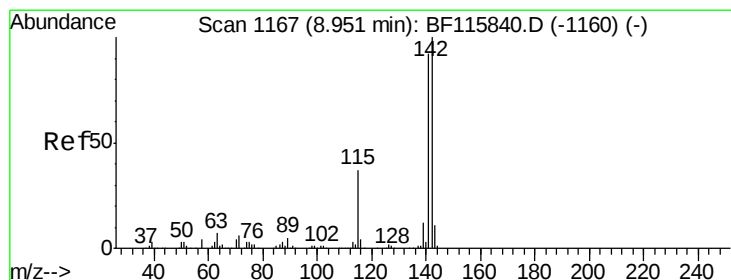
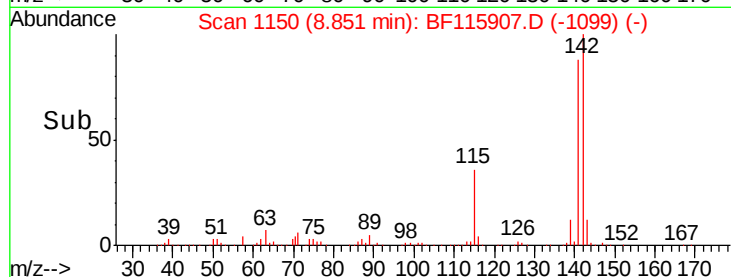
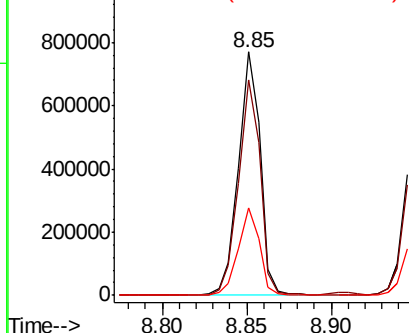


Abundance

Ion 142.00 (141.70 to 142.70): E

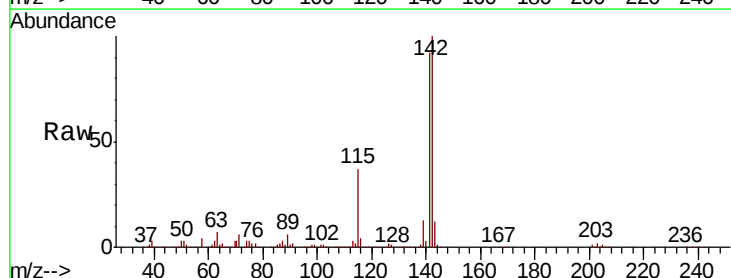
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 38.391 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.8	110.6
116	3.9	3.1	4.7

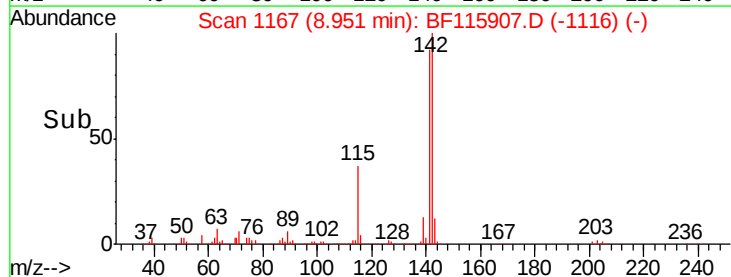
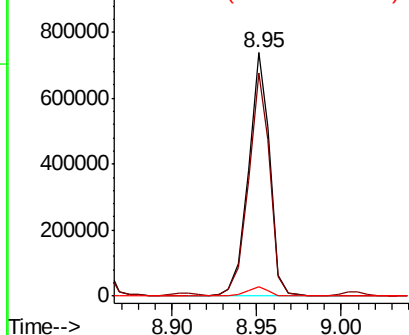


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





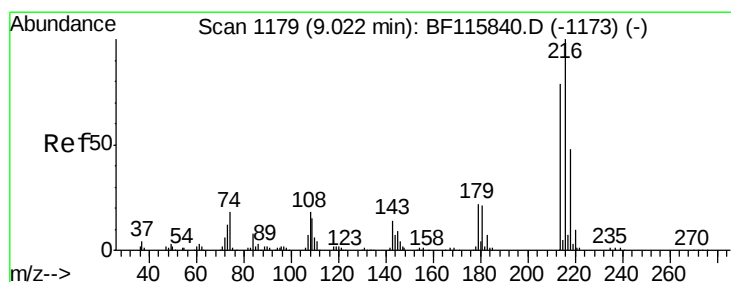
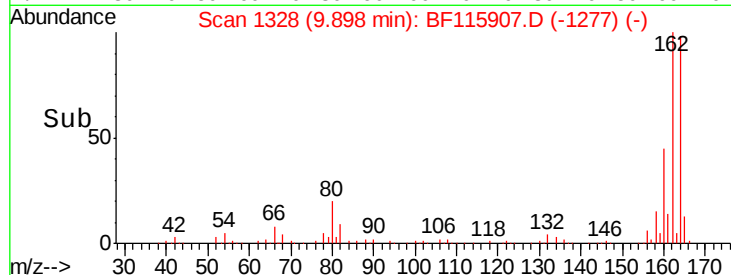
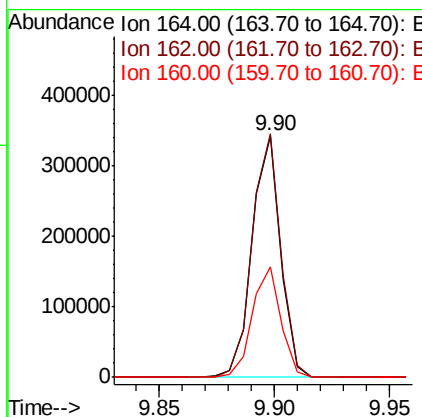
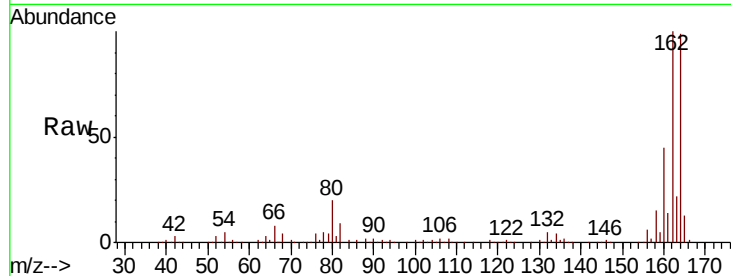
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	296052		
162	100.9	80.8	121.2	
160	45.7	36.2	54.4	

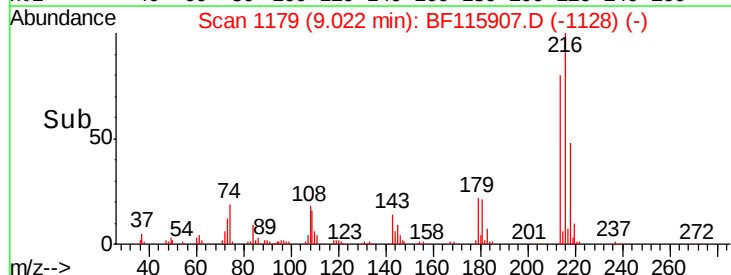
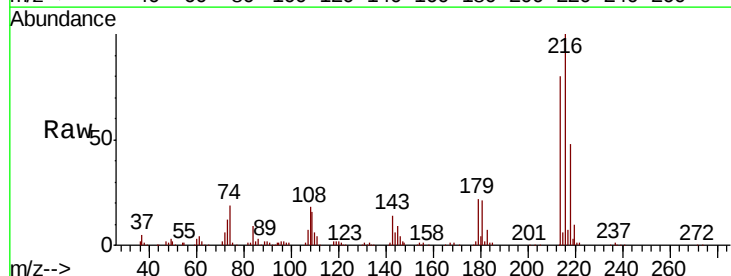
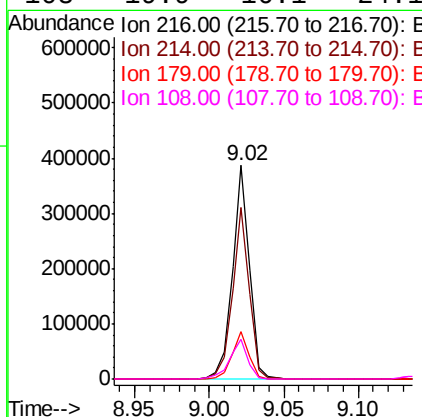
Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.176 ng
RT: 9.02 min Scan# 1179
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	310067		
214	79.7	62.8	94.2	
179	22.1	17.6	26.4	
108	19.9	16.1	24.1	





#41

Hexachlorocyclopentadiene

Concen: 30.225 ng

RT: 9.01 min Scan# 1177

Delta R.T. 0.00 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

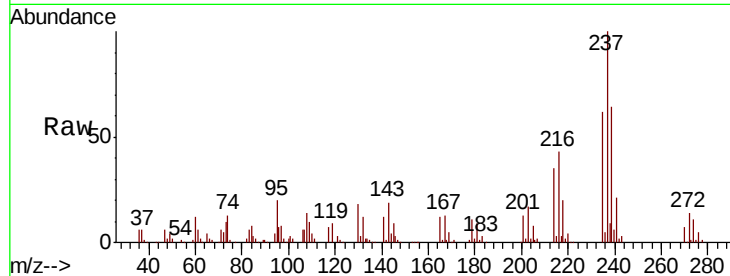
ClientSampleId :

TP-1-AMSD

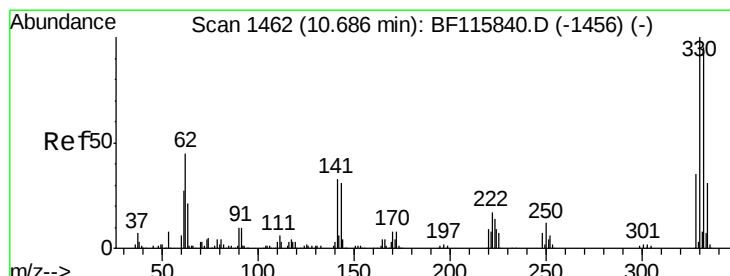
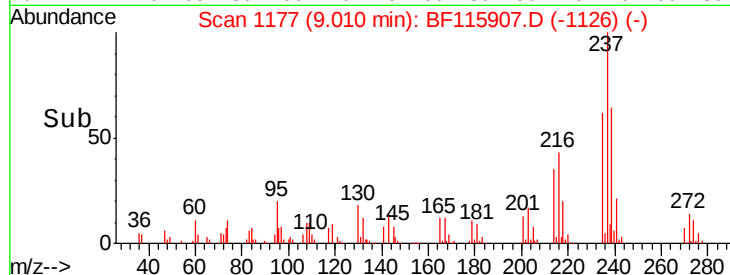
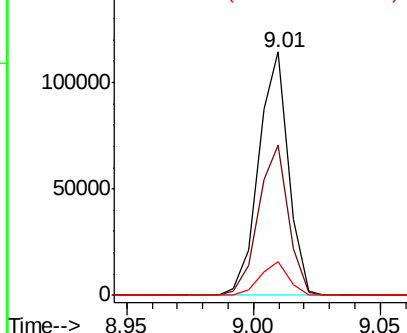
Tot Ion:	237	Resp:	93255
Ion Ratio	Lower	Upper	
237	100		
235	61.9	42.5	82.5
272	13.6	0.0	33.3

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



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



#42

2,4,6-Tribromophenol

Concen: 83.374 ng

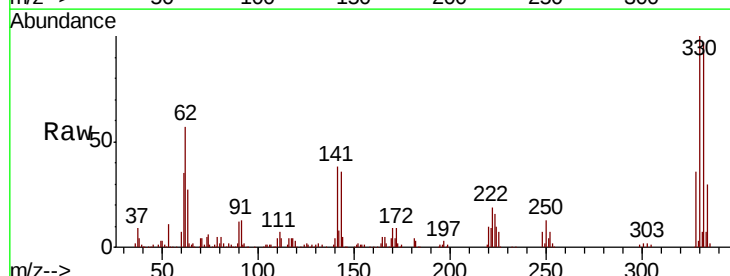
RT: 10.69 min Scan# 1462

Delta R.T. -0.00 min

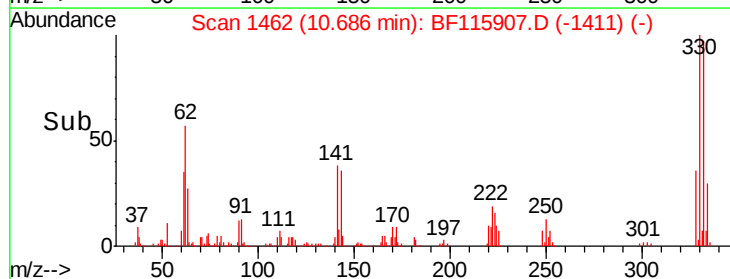
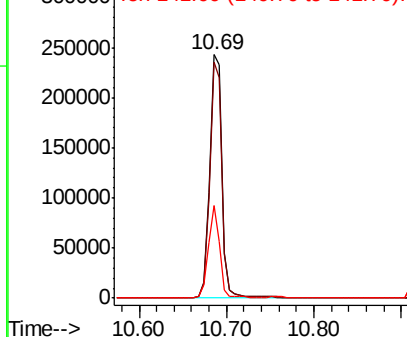
Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Tgt Ion:	330	Resp:	239308
Ion Ratio	Lower	Upper	
330	100		
332	96.0	77.7	116.5
141	34.5	28.1	42.1



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





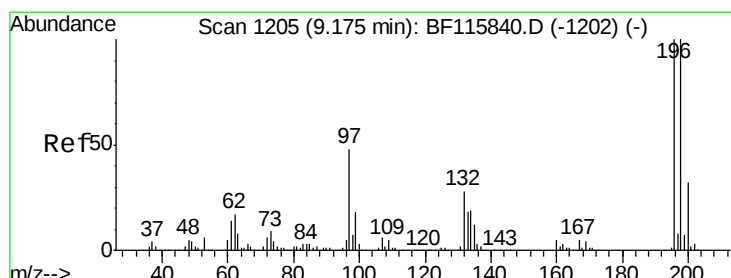
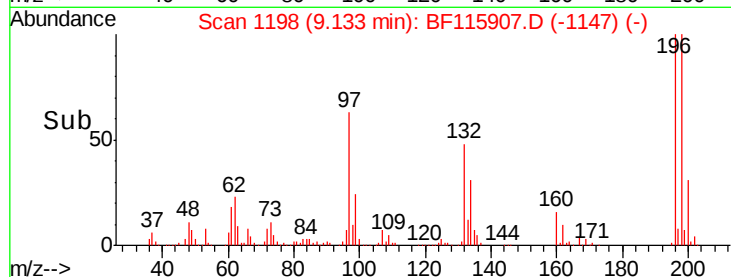
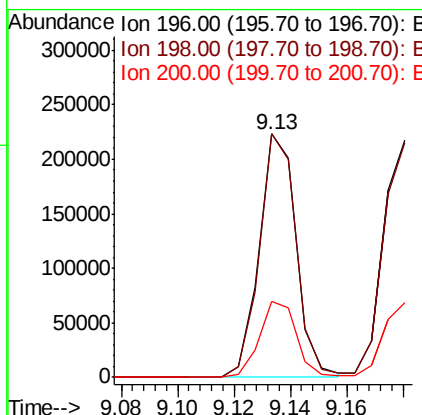
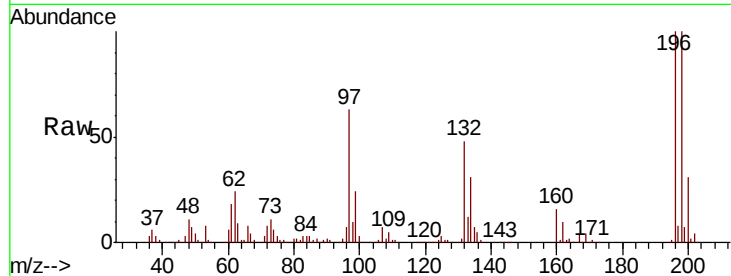
#43
 2,4,6-Trichlorophenol
 Concen: 37.166 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Instrument :
 BNA_F
 ClientSampled :
 TP-1-AMSD

Tot Ion:	196	Resp:	202474
Ion Ratio	Lower	Upper	
196	100		
198	99.9	79.1	118.7
200	31.1	26.0	39.0

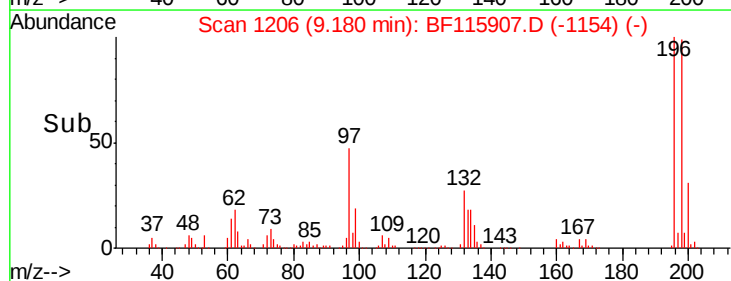
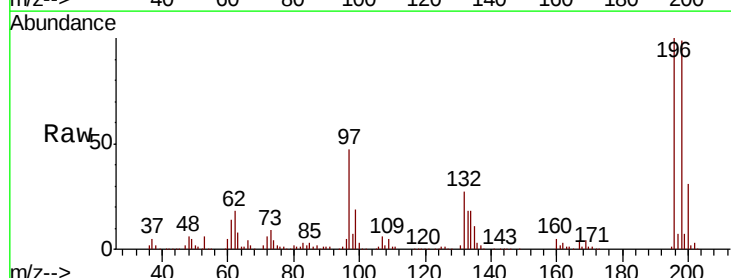
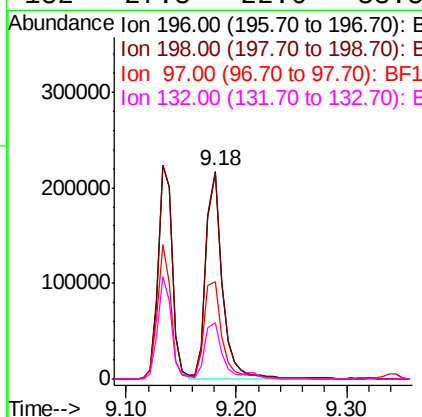
Manual Integrations
 APPROVED

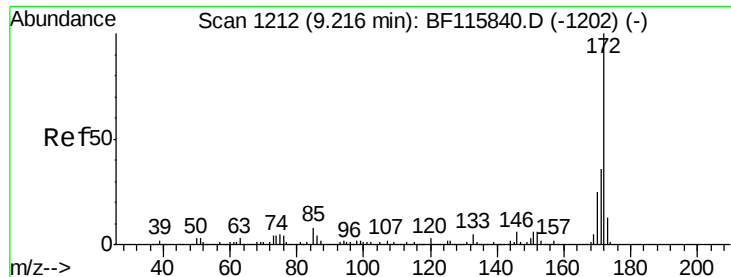
mohammad
 8/5/2019 1:48:06 PM



#44
 2,4,5-Trichlorophenol
 Concen: 38.535 ng
 RT: 9.18 min Scan# 1206
 Delta R.T. 0.01 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Tgt Ion:	196	Resp:	217005
Ion Ratio	Lower	Upper	
196	100		
198	99.1	80.1	120.1
97	47.0	38.9	58.3
132	27.3	22.6	33.8





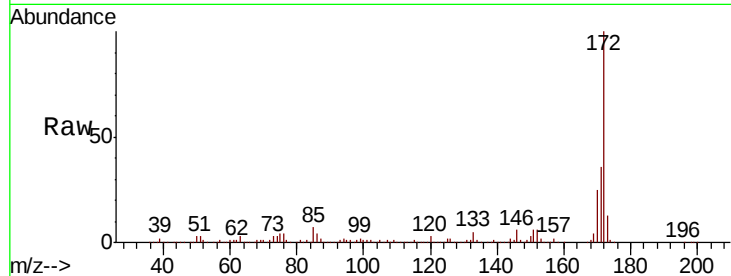
#45
2-Fluorobiphenyl
Concen: 65.651 ng
RT: 9.22 min Scan# 1212
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.1	43.7
170	25.0	20.1	30.1

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM

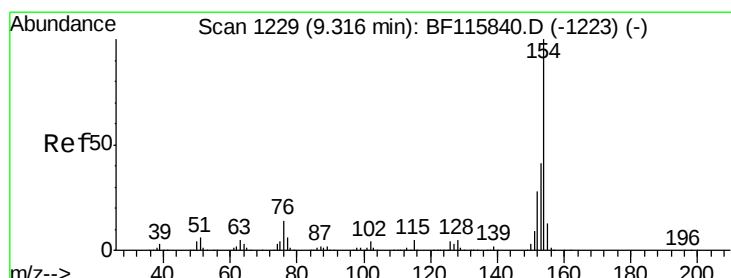
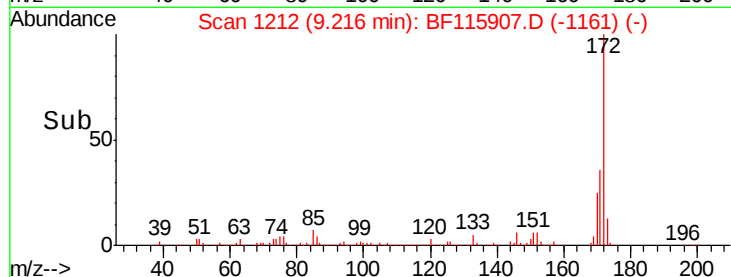
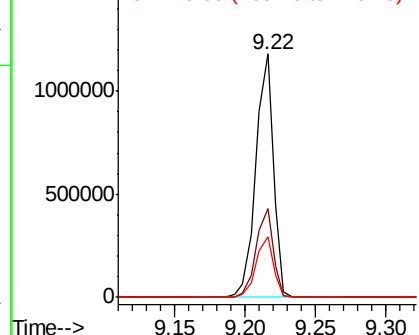


Abundance

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: 39.157 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

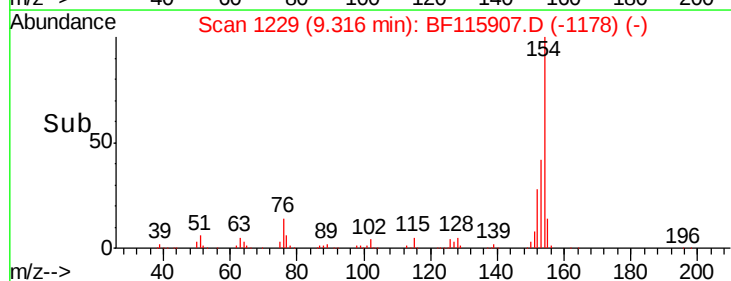
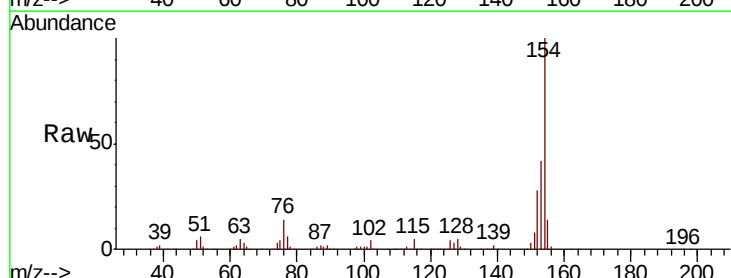
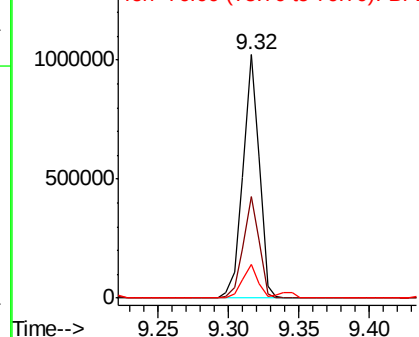
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	20.9	60.9
76	14.0	0.0	34.3

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





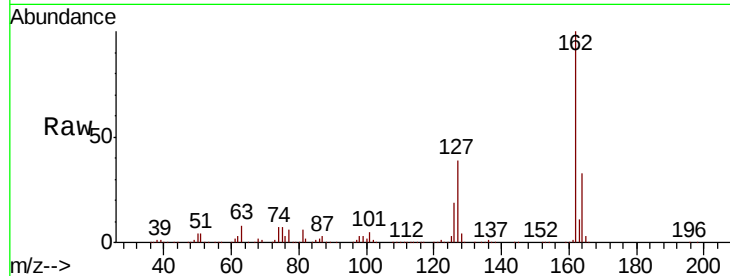
#47
 2-Chloronaphthalene
 Concen: 37.172 ng
 RT: 9.35 min Scan# 1234
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMSD

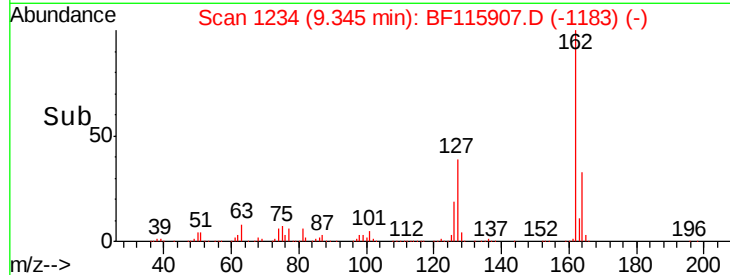
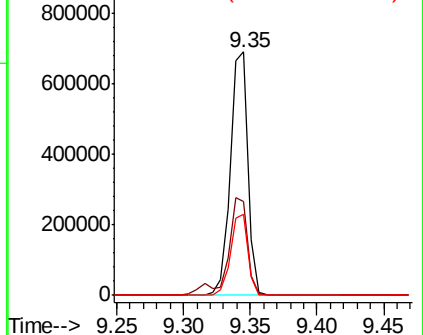
Tot Ion	Ratio	Resp	Lower	Upper
162	100			
127	38.6	31.3	46.9	
164	33.5	26.6	40.0	

Manual Integrations
 APPROVED

mohammad
 8/5/2019 1:48:06 PM

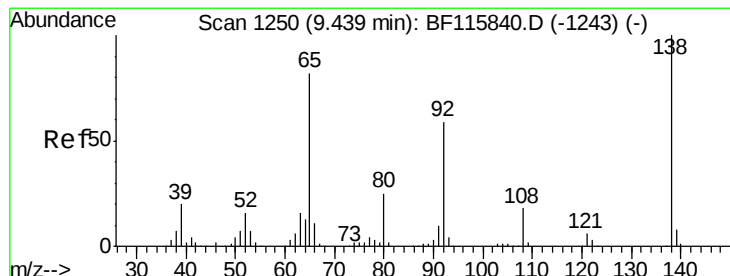


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

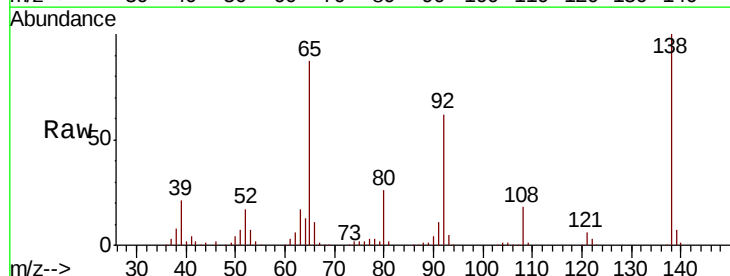
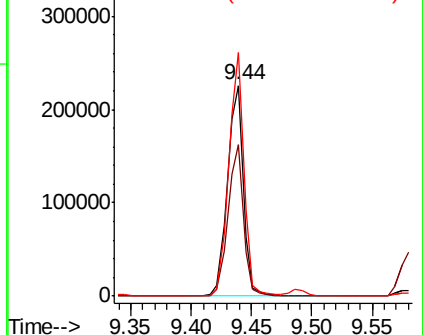


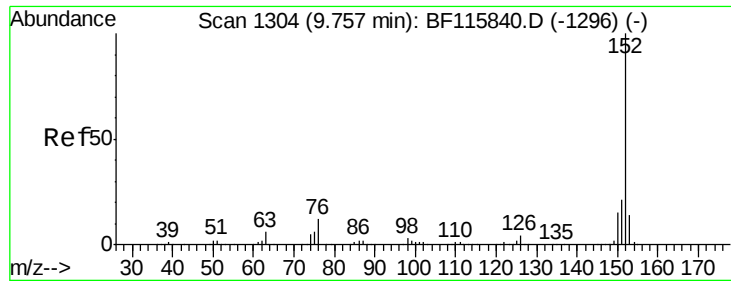
#48
 2-Nitroaniline
 Concen: 36.137 ng
 RT: 9.44 min Scan# 1250
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
65	100			
92	72.1	57.1	85.7	
138	115.4	97.1	145.7	



Abundance Ion 65.00 (64.70 to 65.70): BF1
 Ion 92.00 (91.70 to 92.70): BF1
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 39.648 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

ClientSampled :

TP-1-AMSD

Tot Ion:152 Resp: 1006229

Ion Ratio Lower Upper

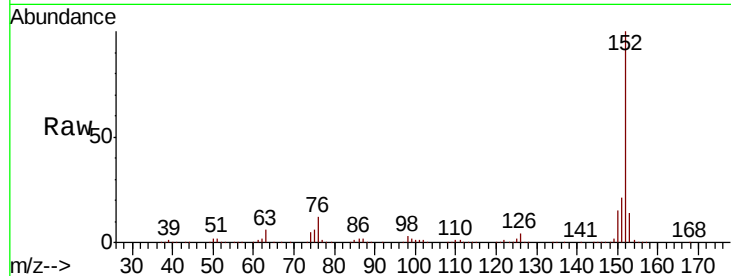
152 100

151 21.1 16.8 25.2

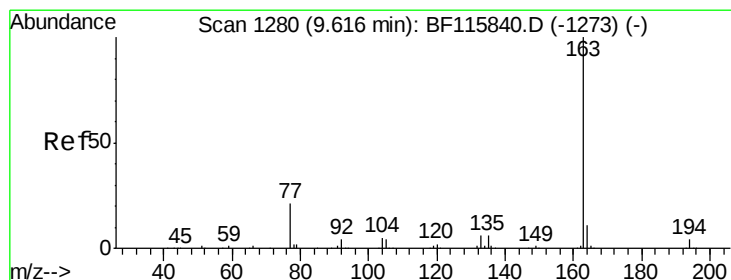
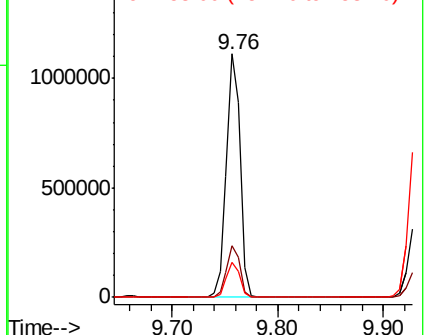
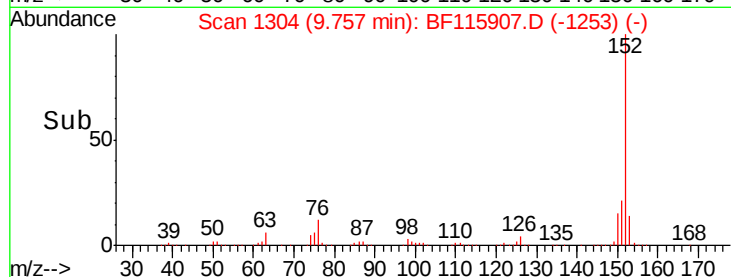
153 14.4 11.6 17.4

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



Abundance Ion 152.00 (151.70 to 152.70): E
1500000
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 44.824 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.00 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

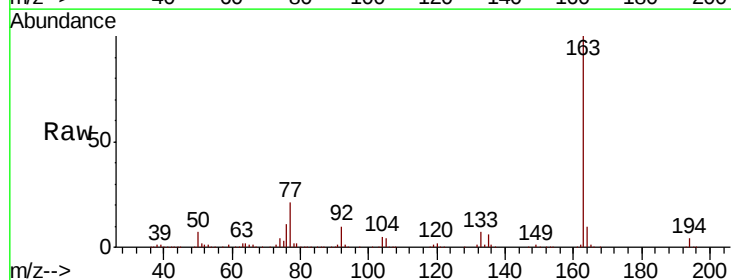
Tgt Ion:163 Resp: 903546

Ion Ratio Lower Upper

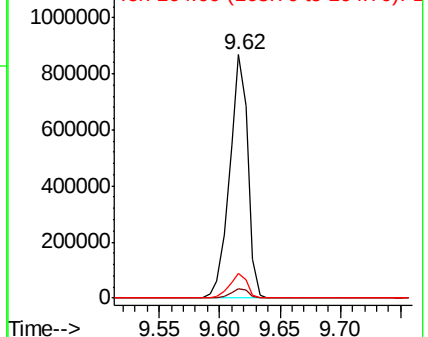
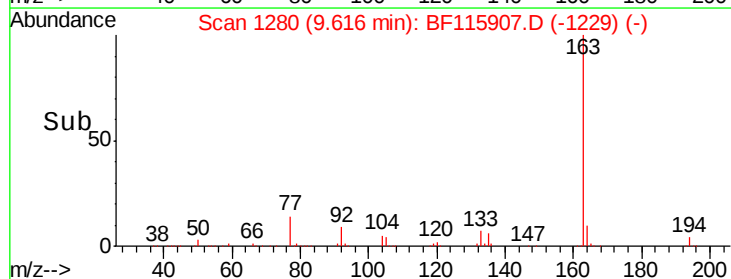
163 100

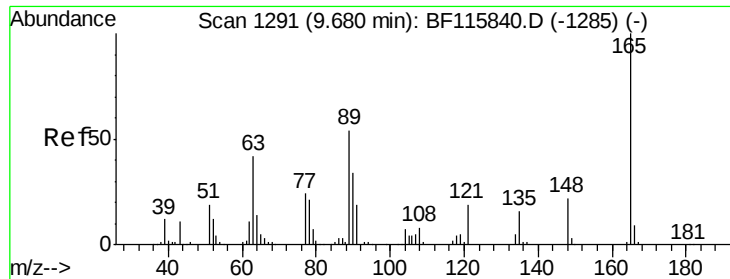
194 3.8 3.0 4.6

164 10.2 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E
1200000
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





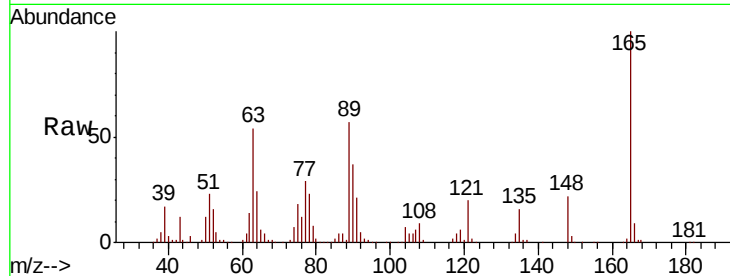
#51
 2,6-Dinitrotoluene
 Concen: 38.246 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMSD

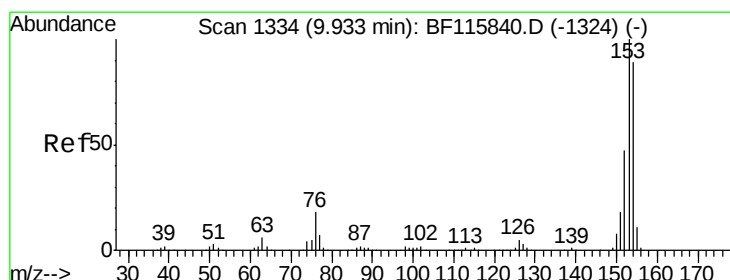
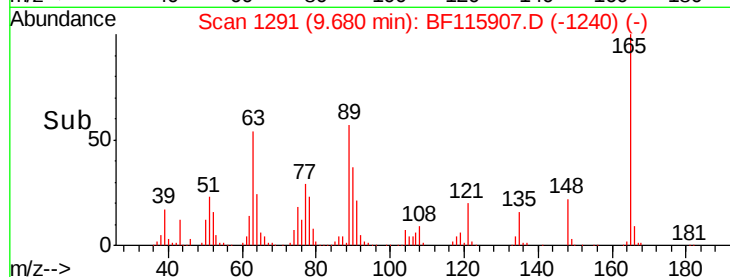
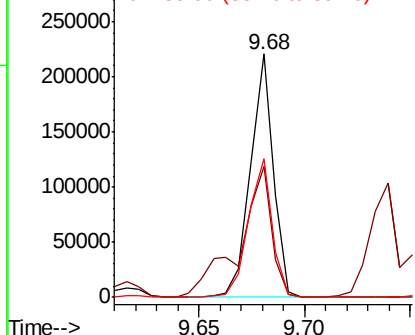
Tot Ion	Ratio	Resp	Lower	Upper
165	100	167541		
63	53.8	39.4	59.2	
89	56.9	43.0	64.6	

Manual Integrations
 APPROVED

mohammad
 8/5/2019 1:48:06 PM

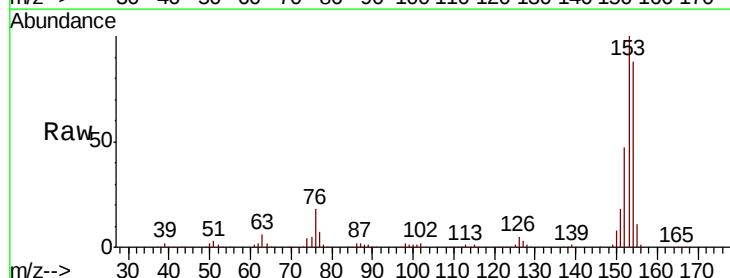


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

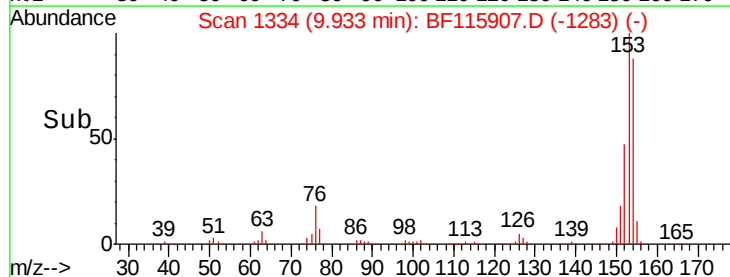
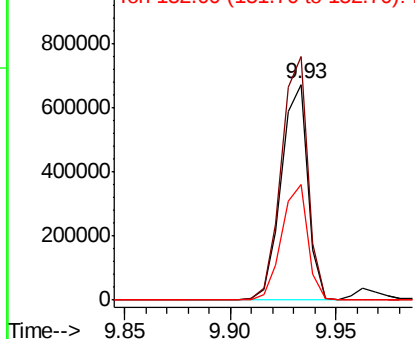


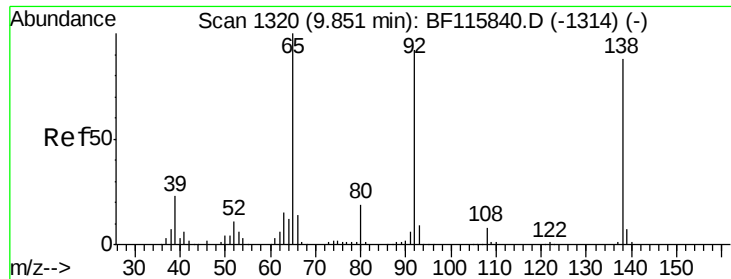
#52
 Acenaphthene
 Concen: 38.010 ng
 RT: 9.93 min Scan# 1334
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	591797		
153	113.0	90.1	135.1	
152	53.6	42.6	63.8	



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





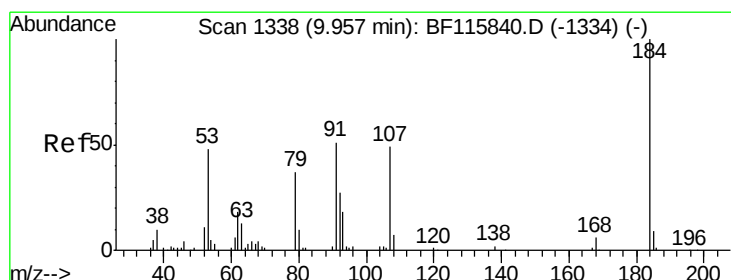
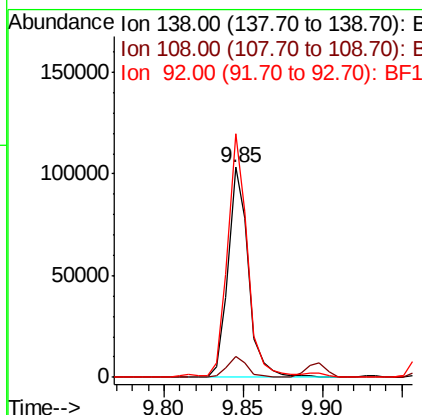
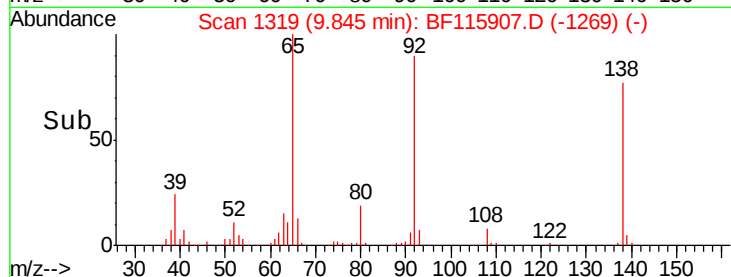
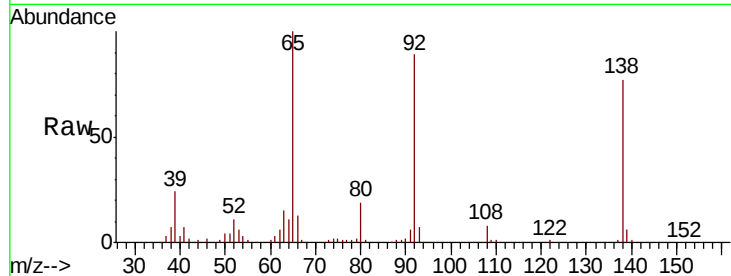
#53
3-Nitroaniline
Concen: 16.968 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.1	7.4	11.2
92	116.0	83.9	125.9

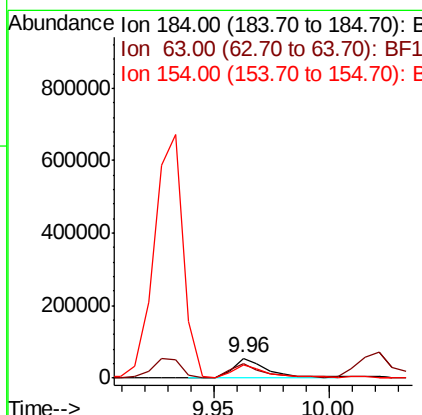
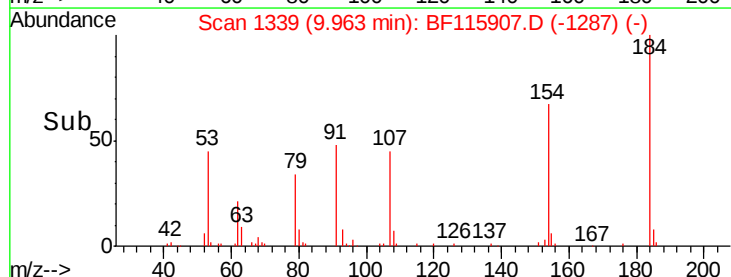
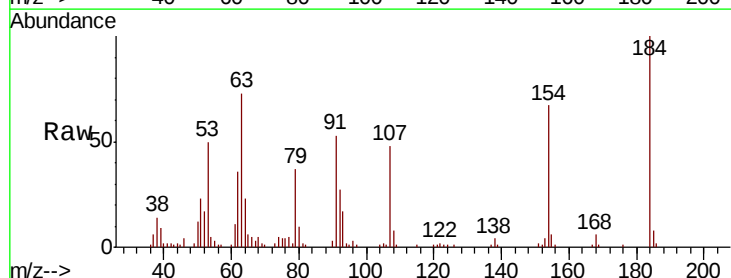
Manual Integrations
APPROVED

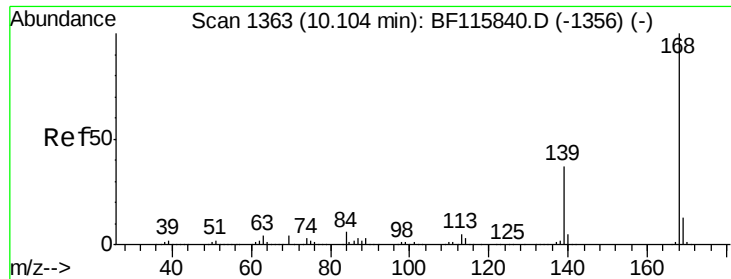
mohammad
8/5/2019 1:48:06 PM



#54
2,4-Dinitrophenol
Concen: 31.162 ng
RT: 9.96 min Scan# 1339
Delta R.T. 0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
184	100		
63	72.9	56.7	85.1
154	67.5	51.9	77.9





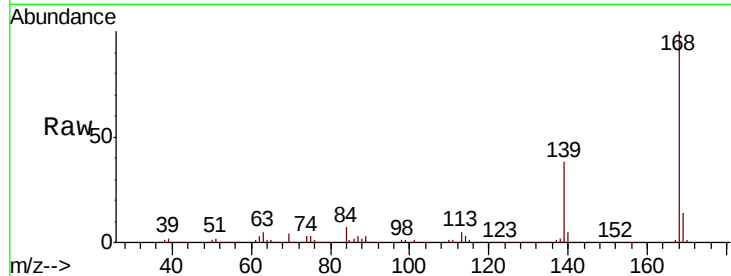
#55
Dibenzenofuran
Concen: 39.253 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampled :
TP-1-AMSD

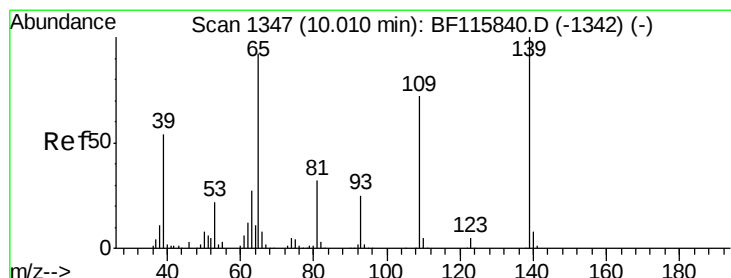
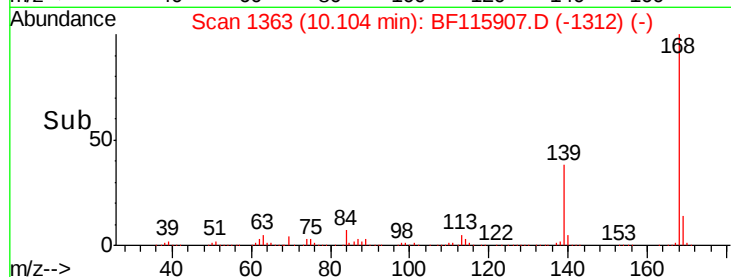
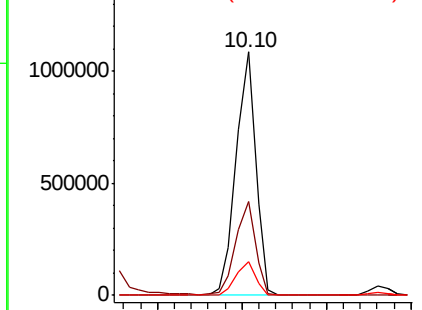
Tot Ion:	168	Resp:	888785
Ion Ratio	Lower	Upper	
168	100		
139	38.3	30.2	45.2
169	13.6	10.8	16.2

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM

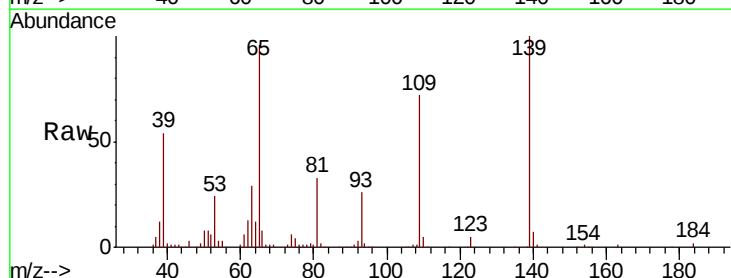


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

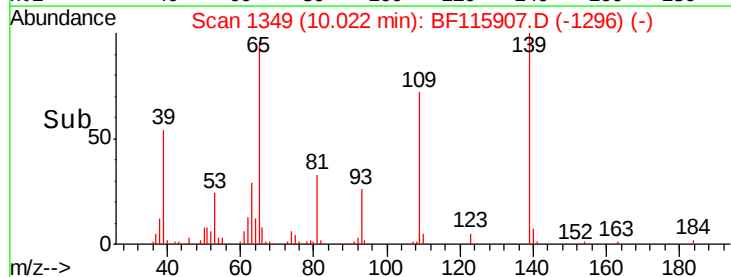
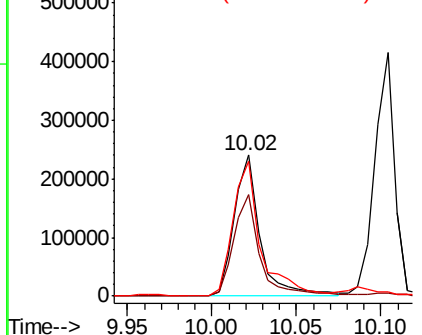


#56
4-Nitrophenol
Concen: 73.460 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion:	139	Resp:	254720
Ion Ratio	Lower	Upper	
139	100		
109	71.9	52.0	92.0
65	95.8	72.6	112.6



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





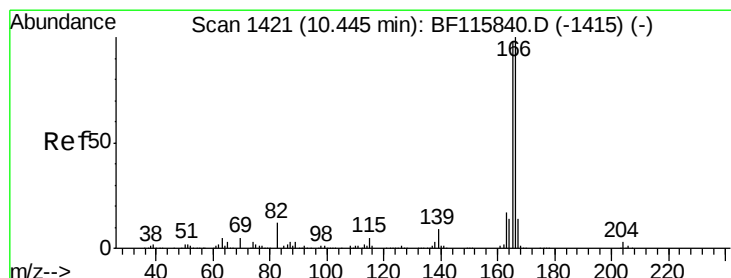
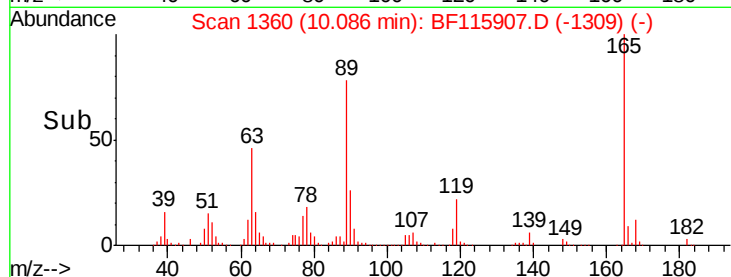
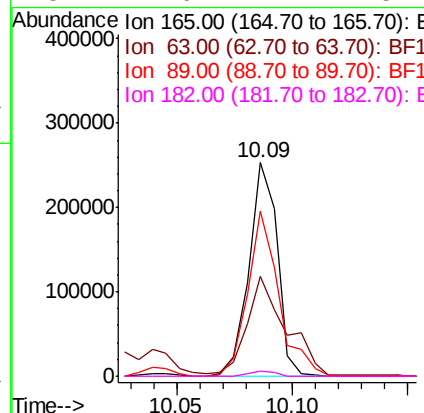
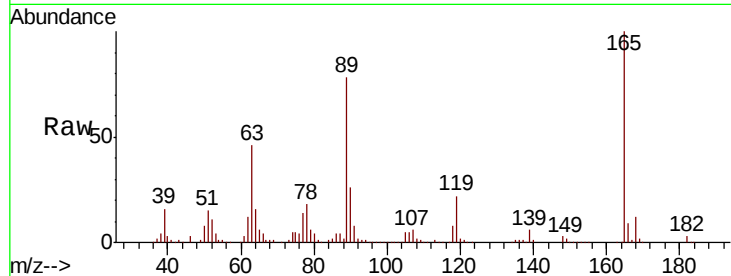
#57
2,4-Dinitrotoluene
Concen: 37.192 ng
RT: 10.09 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	216921		
63	46.5	33.2	49.8	
89	77.5	57.3	85.9	
182	2.6	2.1	3.1	

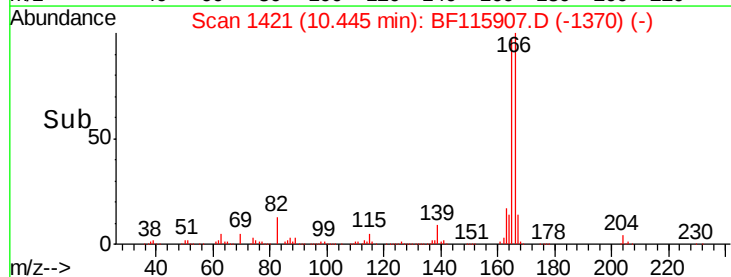
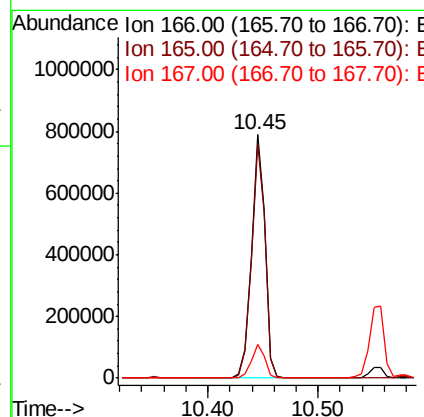
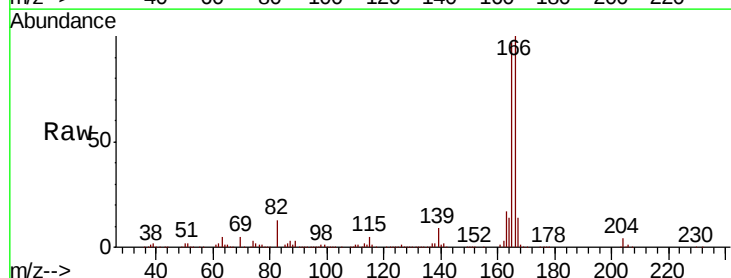
Manual Integrations
APPROVED

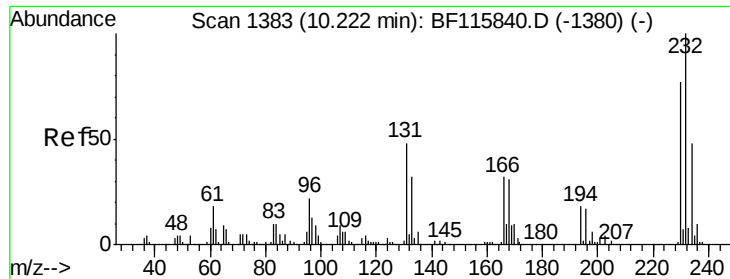
mohammad
8/5/2019 1:48:06 PM



#58
Fluorene
Concen: 38.676 ng
RT: 10.45 min Scan# 1421
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	673758		
165	96.5	78.6	118.0	
167	13.8	10.9	16.3	





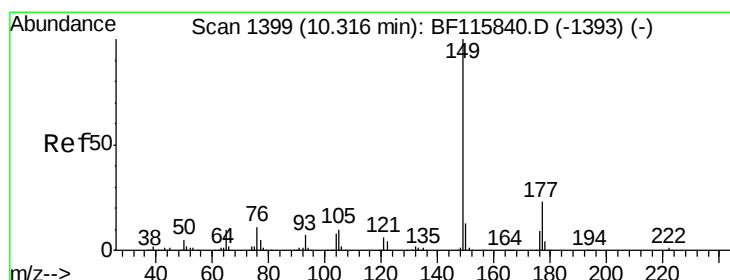
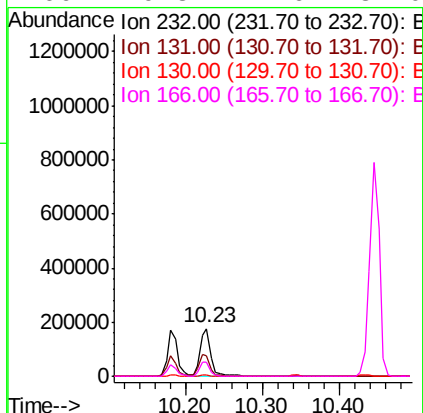
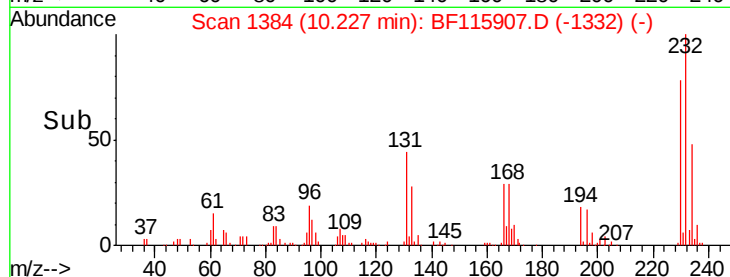
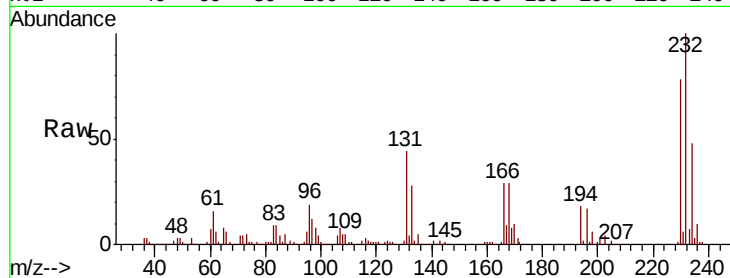
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.755 ng
 RT: 10.23 min Scan# 1384
 Delta R.T. 0.01 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	45.0	37.6	56.4
130	2.4	1.8	2.8
166	29.3	24.6	37.0

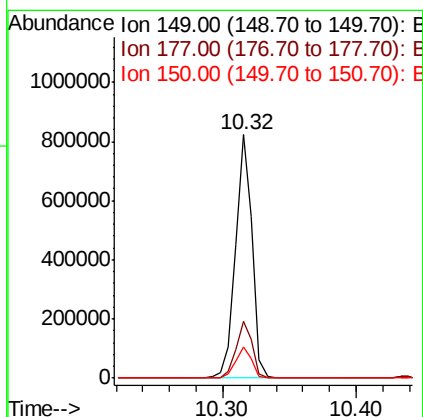
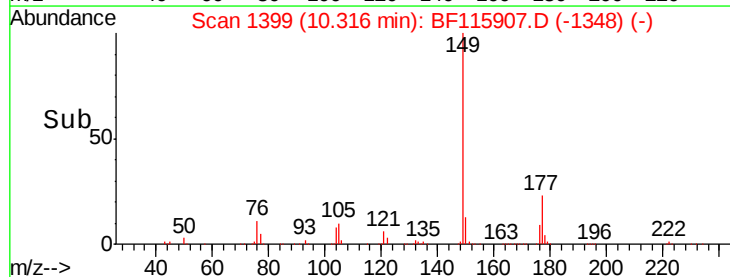
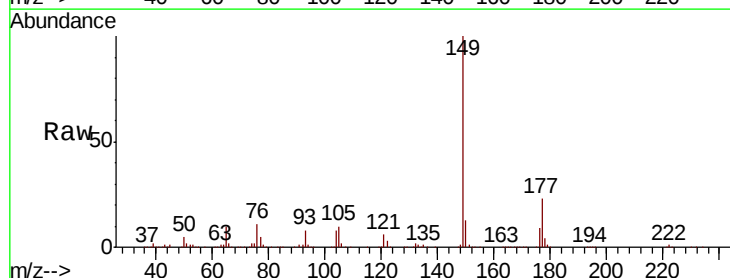
Manual Integrations
 APPROVED

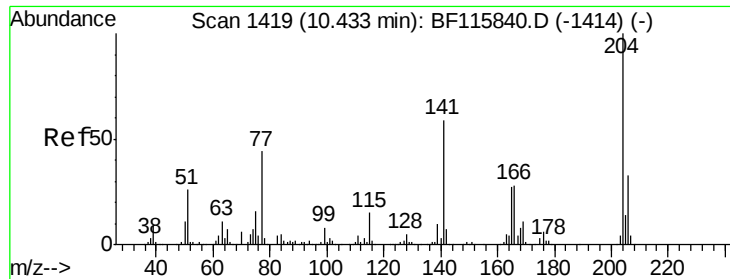
mohammad
 8/5/2019 1:48:06 PM



#60
 Diethylphthalate
 Concen: 37.837 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.1	18.4	27.6
150	12.9	10.1	15.1





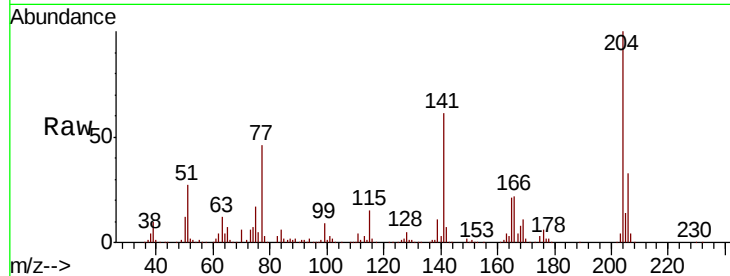
#61
 4-Chlorophenyl-phenylether
 Concen: 37.768 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Instrument :
 BNA_F
 ClientSampled :
 TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.1	26.4	39.6
141	60.7	47.0	70.4

Manual Integrations
 APPROVED

mohammad
 8/5/2019 1:48:06 PM

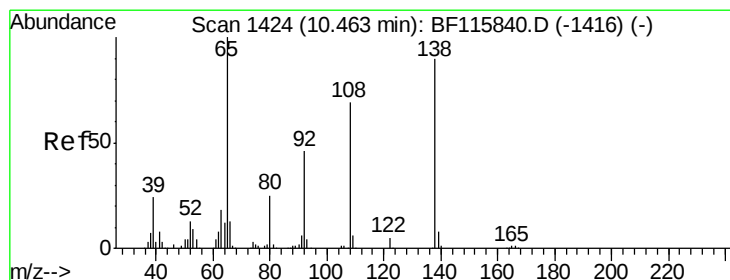
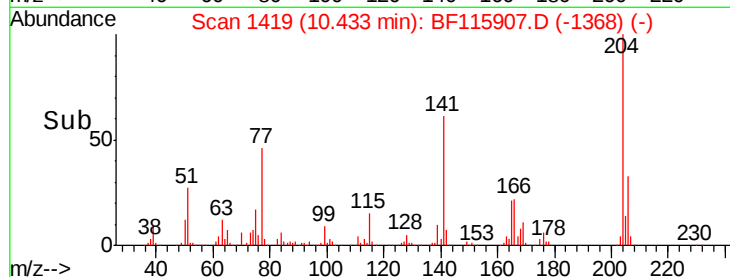
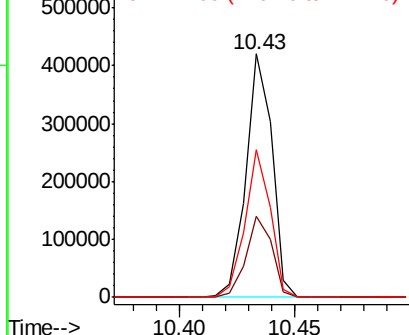


Abundance

Ion 204.00 (203.70 to 204.70): E

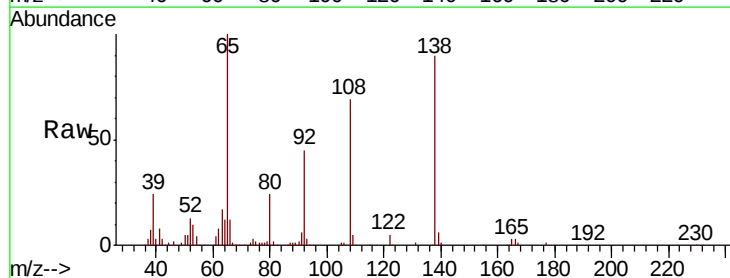
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
 4-Nitroaniline
 Concen: 26.966 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.3	31.0	71.0
108	76.3	56.7	96.7

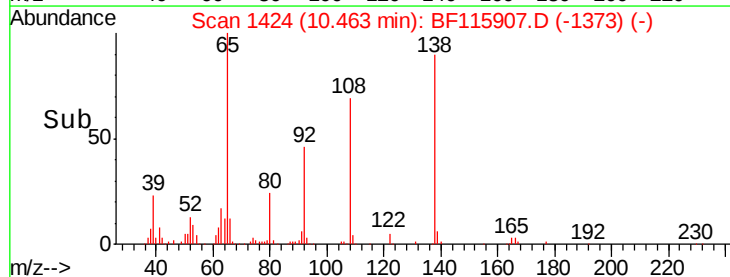
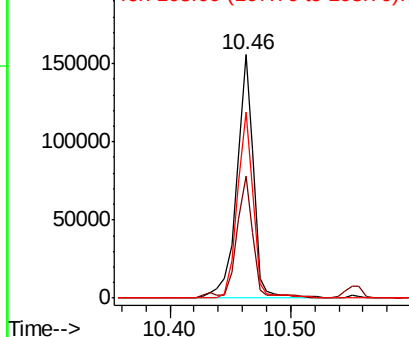


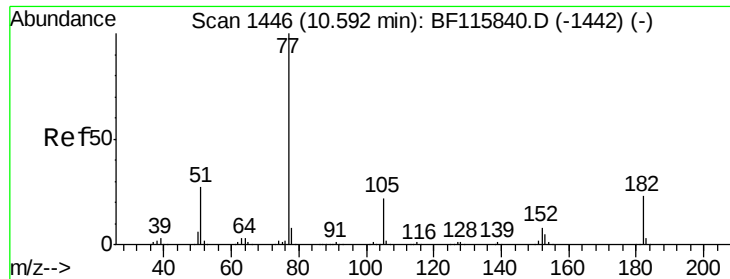
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BF1

Ion 108.00 (107.70 to 108.70): E





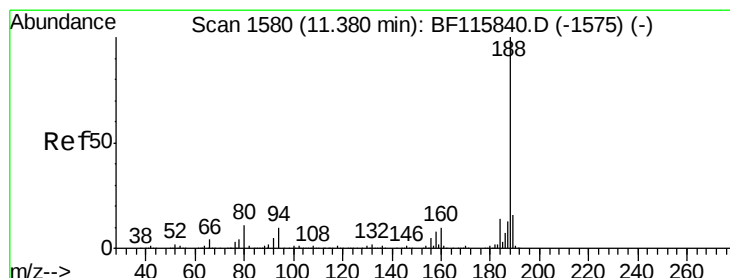
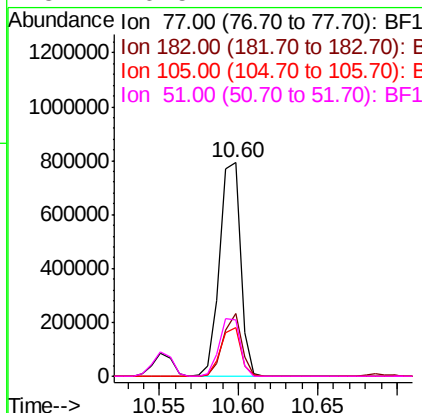
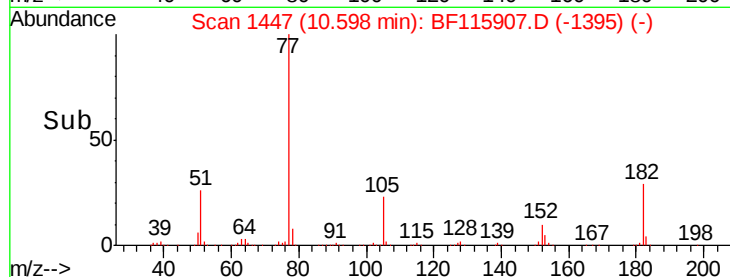
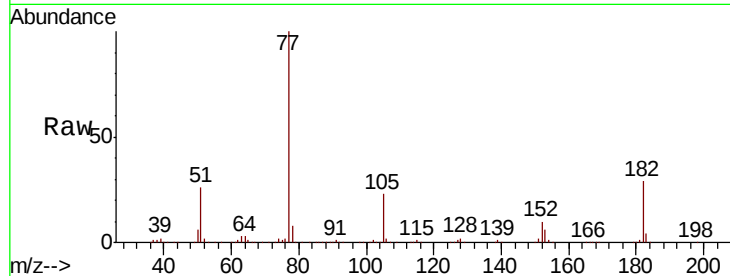
#63
Azobenzene
Concen: 37.448 ng
RT: 10.60 min Scan# 1447
Delta R.T. 0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		724904		
182	29.1	2.6	42.6		
105	22.9	1.6	41.6		
51	26.5	7.4	47.4		

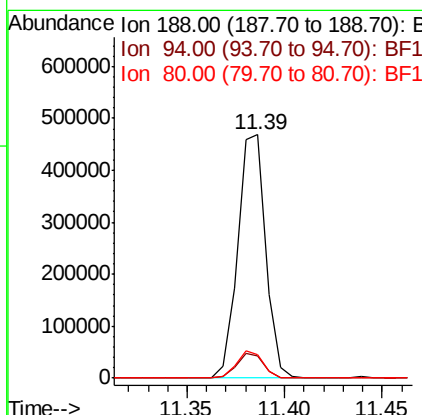
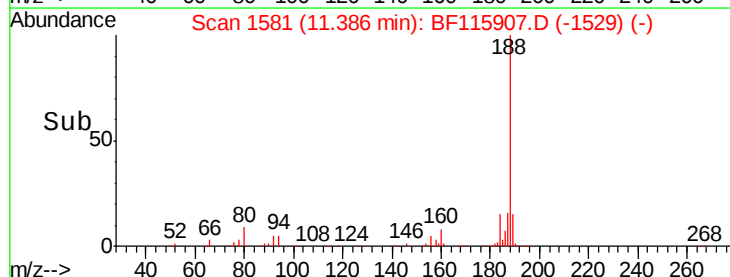
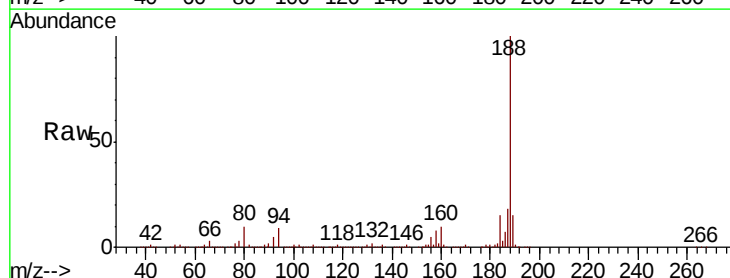
Manual Integrations
APPROVED

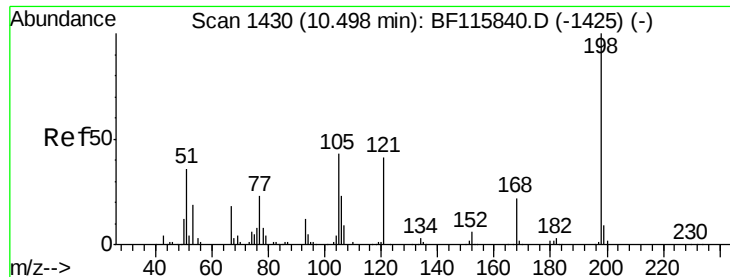
mohammad
8/5/2019 1:48:06 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. 0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		463415		
94	8.8	8.0	12.0		
80	9.8	8.6	12.8		





#65

4,6-Dinitro-2-methylphenol

Concen: 21.794 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.00 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

ClientSampled :

TP-1-AMSD

Tot Ion:198 Resp: 53522

Ion Ratio Lower Upper

198 100

51 51.1 21.1 61.1

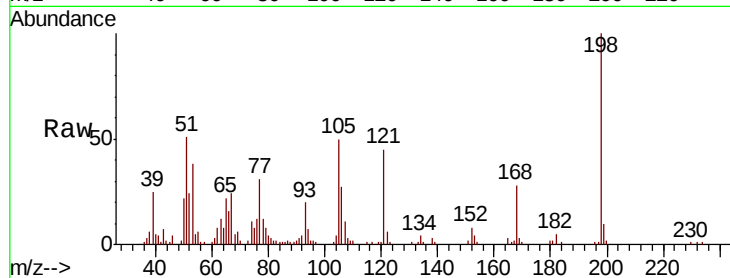
105 50.0 24.5 64.5

Manual Integrations

APPROVED

mohammad

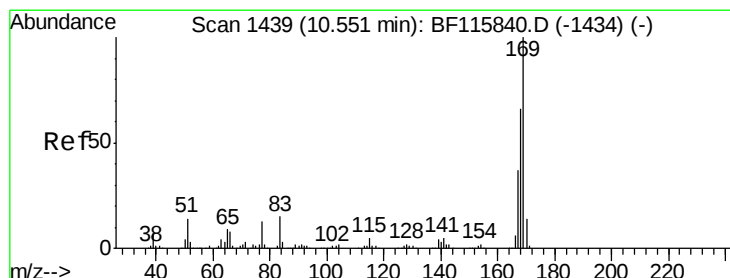
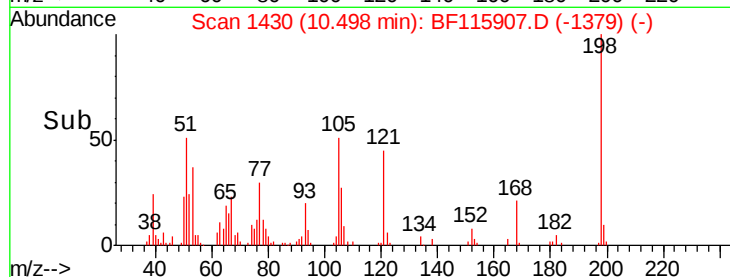
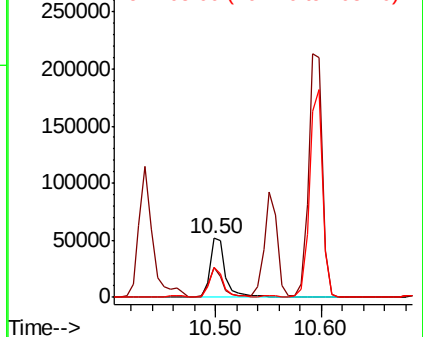
8/5/2019 1:48:06 PM



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: 42.512 ng

RT: 10.56 min Scan# 1440

Delta R.T. 0.01 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

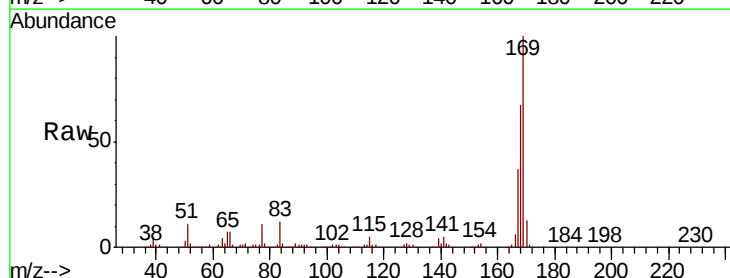
Tgt Ion:169 Resp: 592969

Ion Ratio Lower Upper

169 100

168 67.3 53.0 79.6

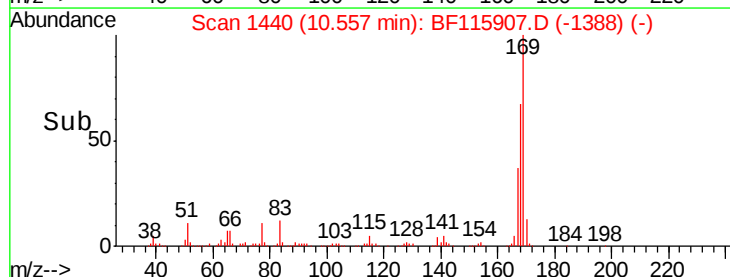
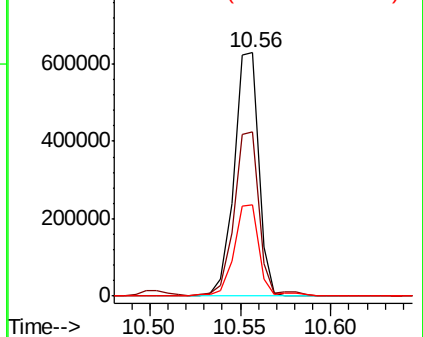
167 37.5 29.9 44.9

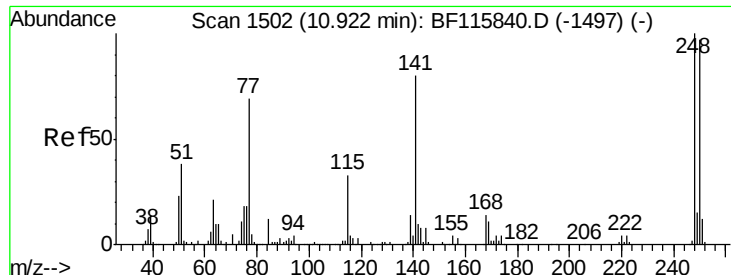


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





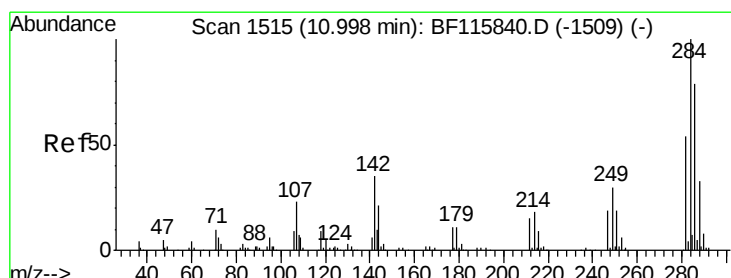
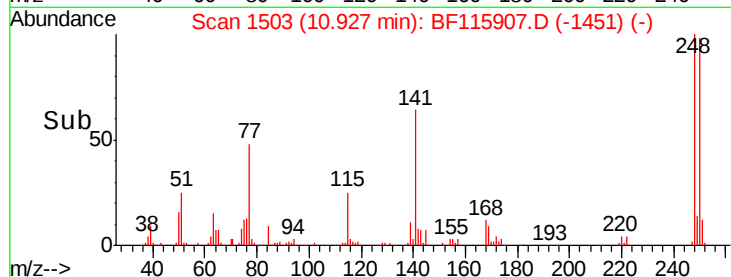
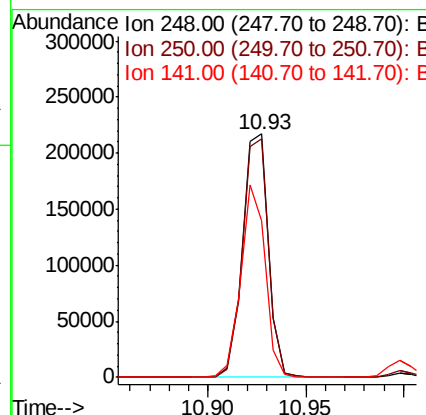
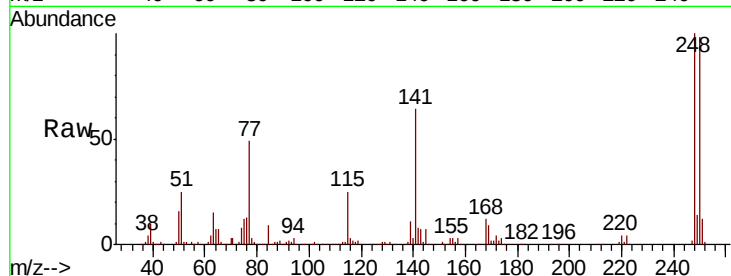
#67
 4-Bromophenyl-phenylether
 Concen: 40.164 ng
 RT: 10.93 min Scan# 1503
 Delta R.T. 0.01 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Instrument :
 BNA_F
 ClientSampled :
 TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.9	77.8	116.6
141	64.3	64.3	96.5

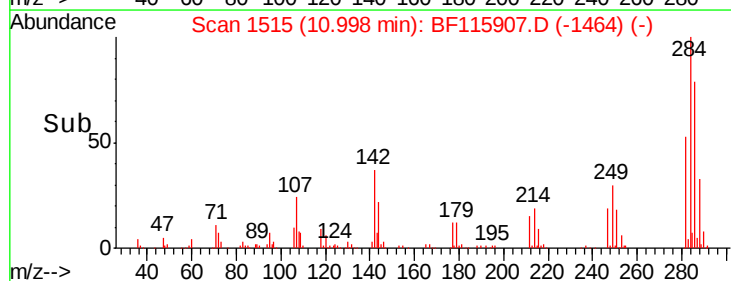
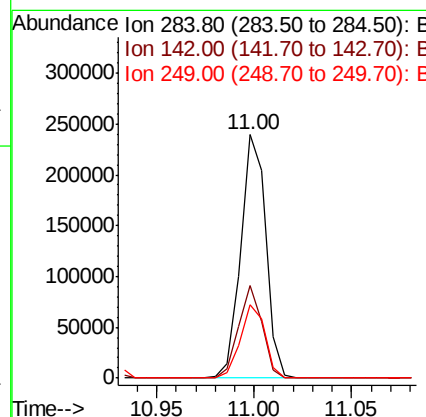
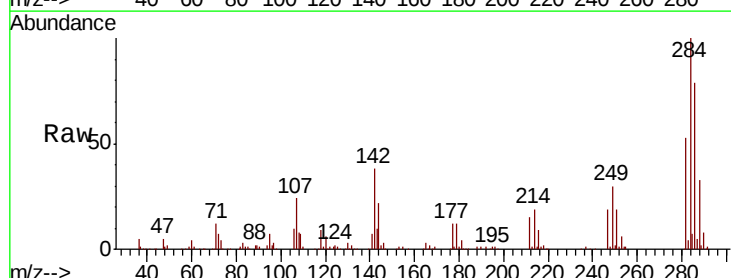
Manual Integrations
 APPROVED

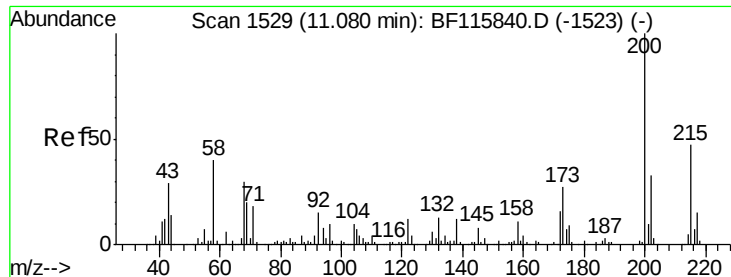
mohammad
 8/5/2019 1:48:06 PM



#68
 Hexachlorobenzene
 Concen: 37.284 ng
 RT: 11.00 min Scan# 1515
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
284	100		
142	38.0	28.2	42.2
249	30.0	24.0	36.0





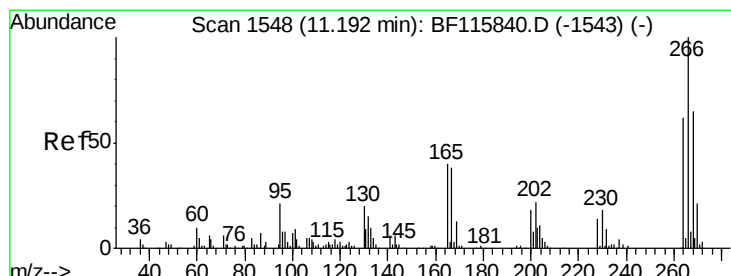
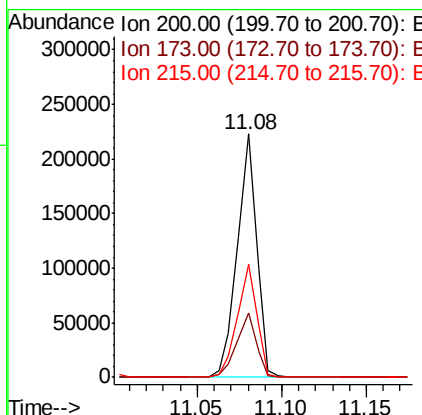
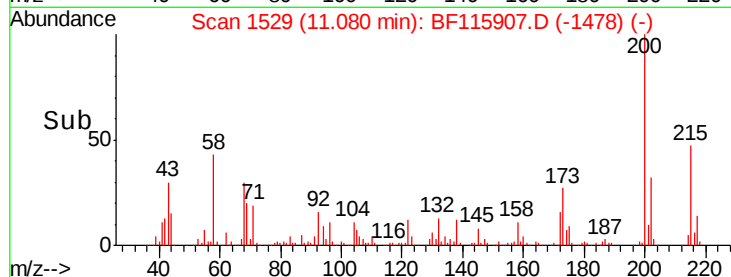
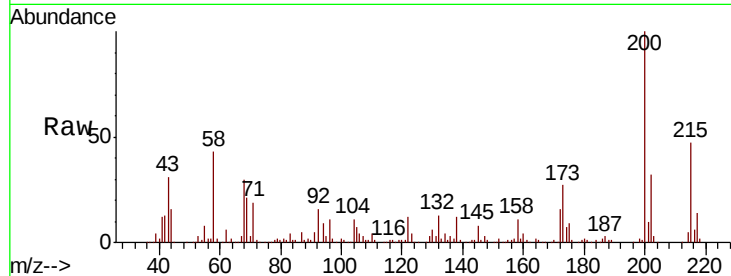
#69
Atrazine
Concen: 38.885 ng
RT: 11.08 min Scan# 1529
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	178434		
173	26.6	7.3	47.3	
215	46.6	26.9	66.9	

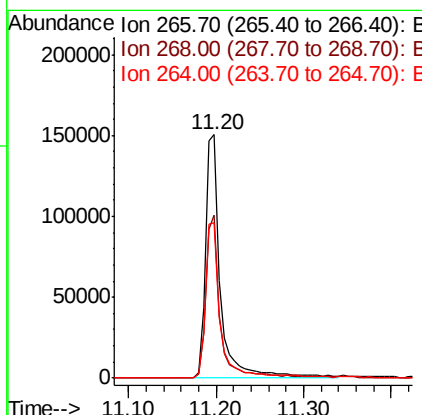
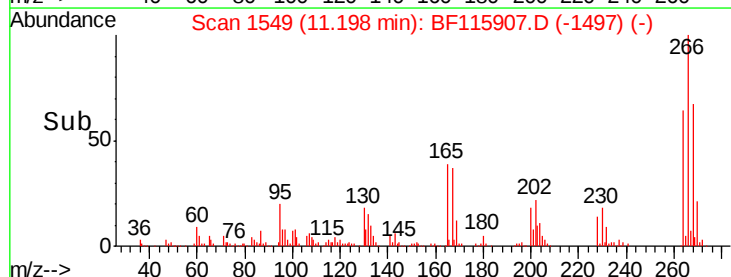
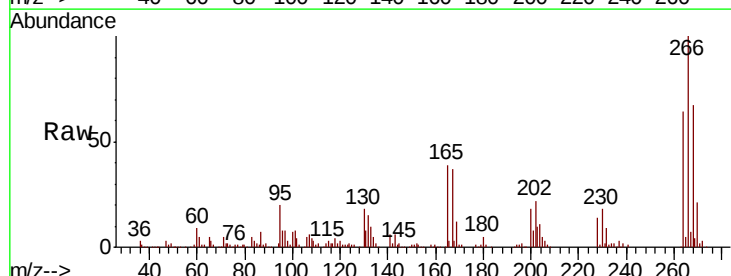
Manual Integrations
APPROVED

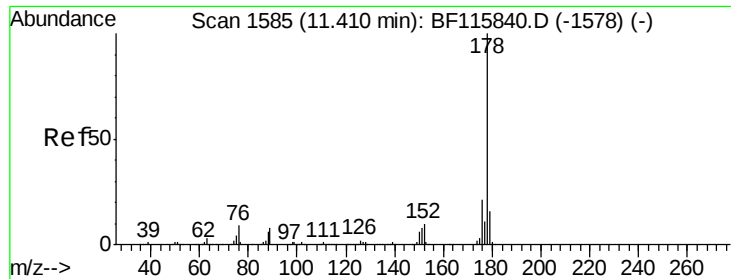
mohammad
8/5/2019 1:48:06 PM



#70
Pentachlorophenol
Concen: 64.844 ng
RT: 11.20 min Scan# 1549
Delta R.T. 0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	180592		
268	67.2	51.6	77.4	
264	63.7	49.4	74.0	





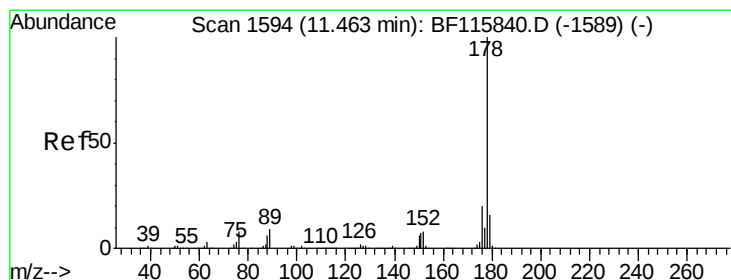
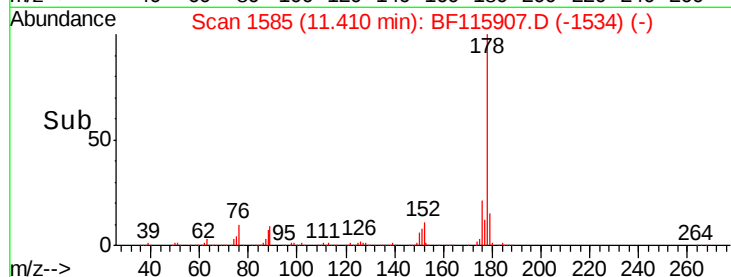
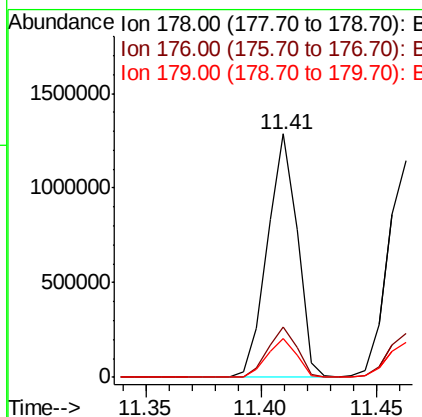
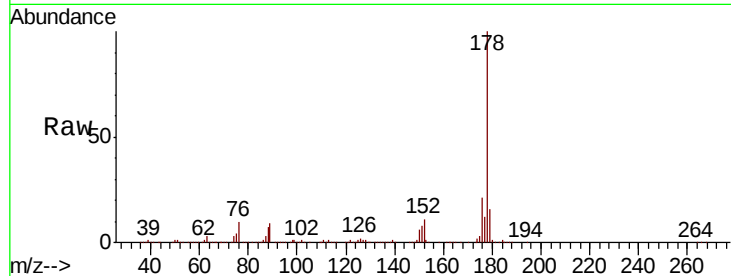
#71
Phenanthrene
Concen: 48.880 ng
RT: 11.41 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.5	24.7
179	15.9	12.6	18.8

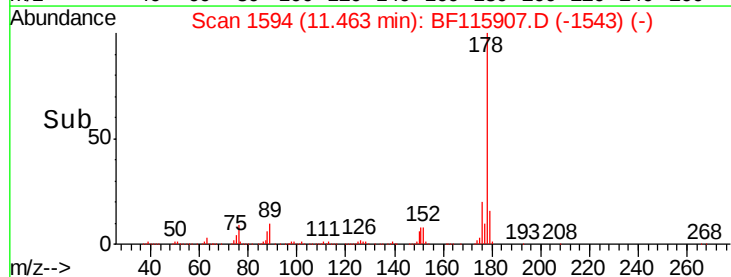
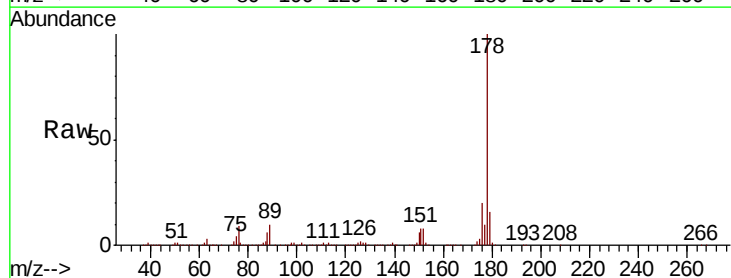
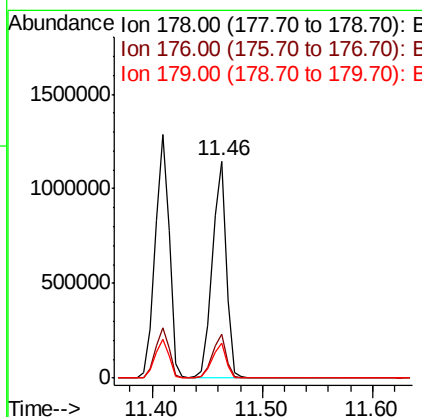
Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



#72
Anthracene
Concen: 41.194 ng
RT: 11.46 min Scan# 1594
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.2	15.7	23.5
179	15.9	12.4	18.6





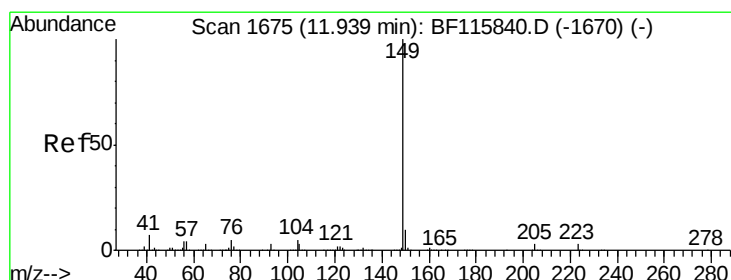
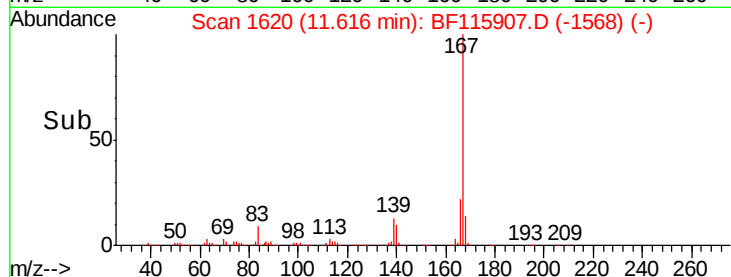
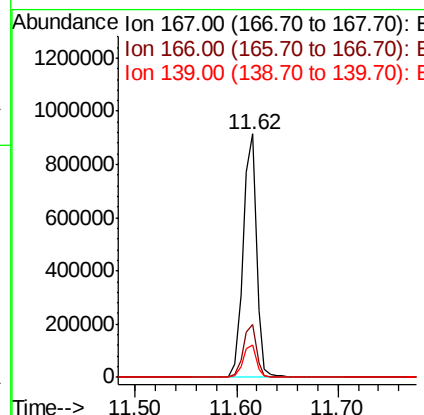
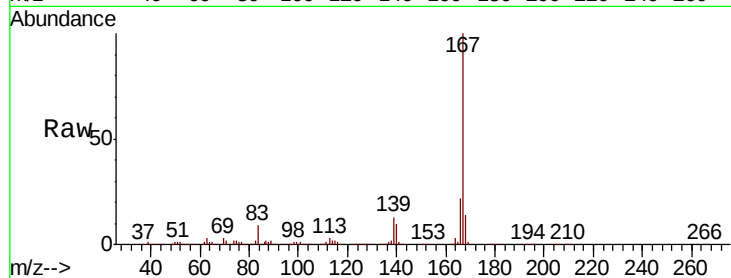
#73
 Carbazole
 Concen: 38.411 ng
 RT: 11.62 min Scan# 1620
 Delta R.T. 0.01 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Instrument :
 BNA_F
 ClientSampleId :
 TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.0	27.0
139	13.3	11.4	17.2

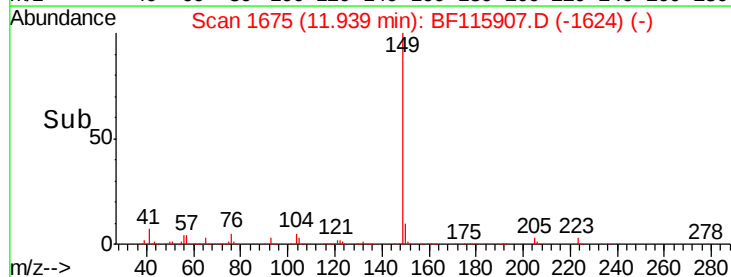
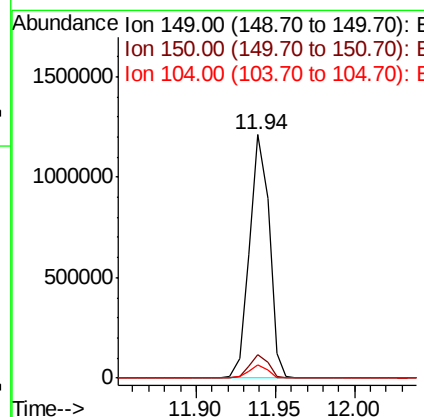
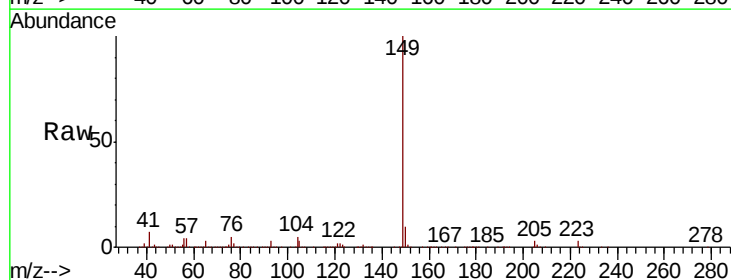
Manual Integrations
 APPROVED

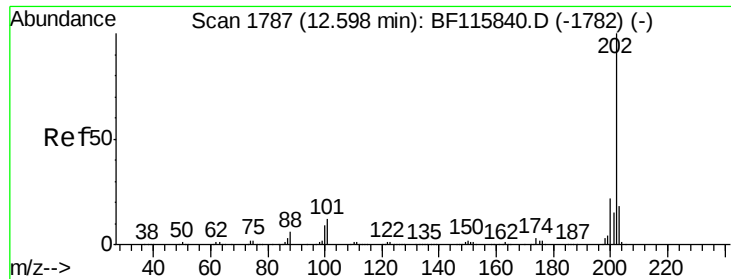
mohammad
 8/5/2019 1:48:06 PM



#74
 Di-n-butylphthalate
 Concen: 41.129 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. -0.00 min
 Lab File: BF115907.D
 Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	5.2	4.3	6.5





#75

Fluoranthene

Concen: 49.649 ng

RT: 12.60 min Scan# 1787

Delta R.T. -0.00 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

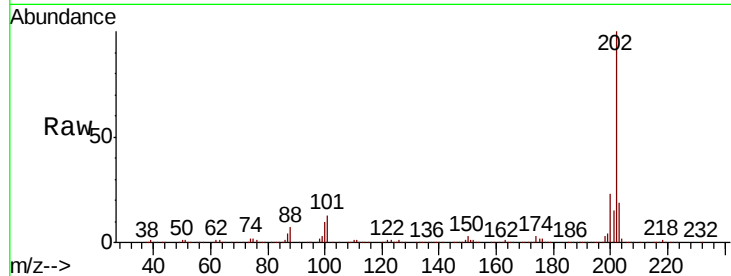
ClientSampleId :

TP-1-AMSD

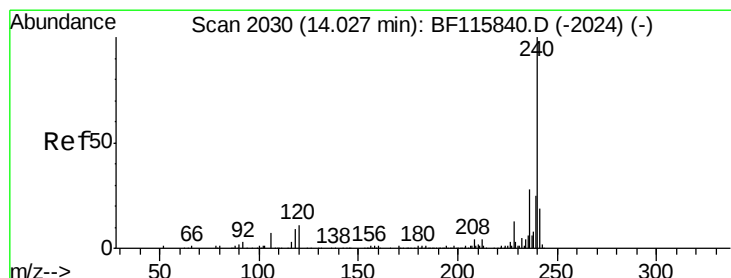
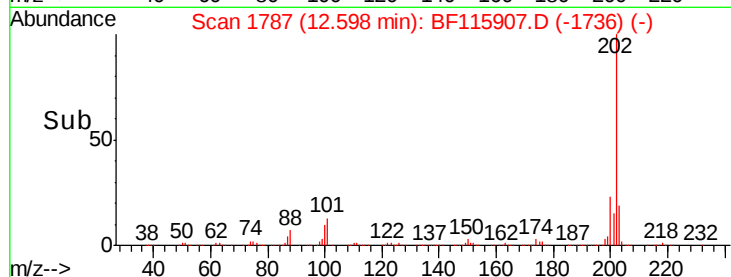
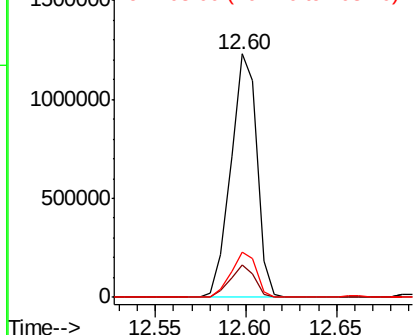
Tot Ion:	202	Resp:	1231387
Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.5
203	18.6	0.0	37.9

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 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

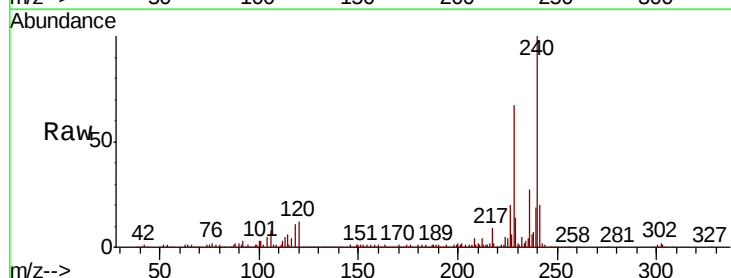
RT: 14.03 min Scan# 2030

Delta R.T. -0.00 min

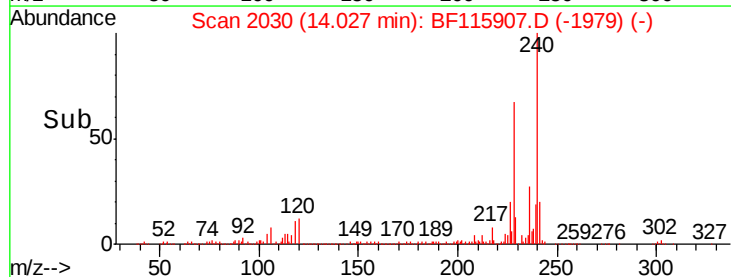
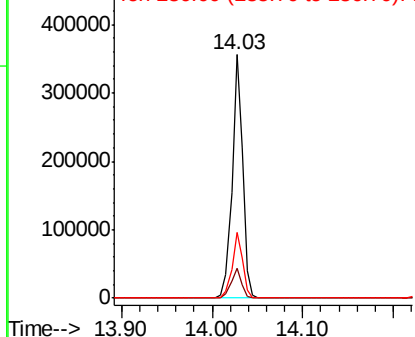
Lab File: BF115907.D

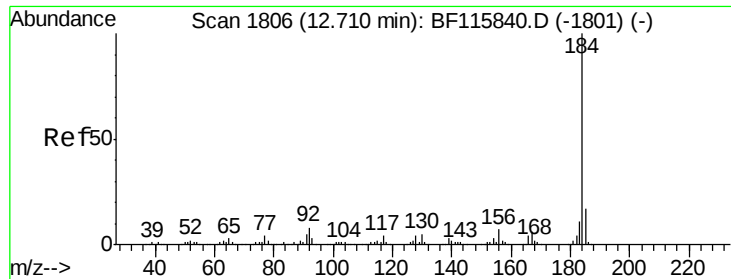
Acq: 1 Aug 2019 14:59

Tgt Ion:	240	Resp:	290572
Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.5	12.7
236	27.1	22.2	33.2



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: 41.576 ng

RT: 12.72 min Scan# 1807

Delta R.T. 0.01 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

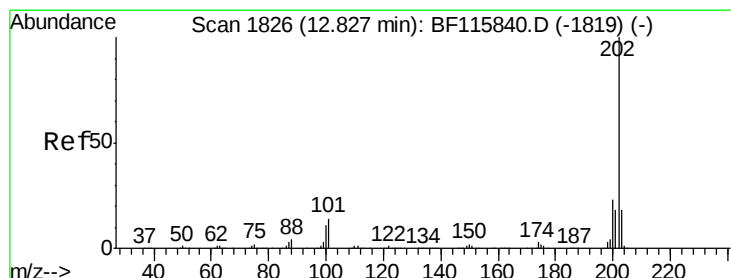
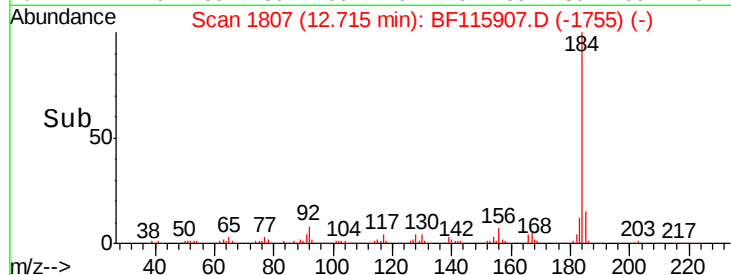
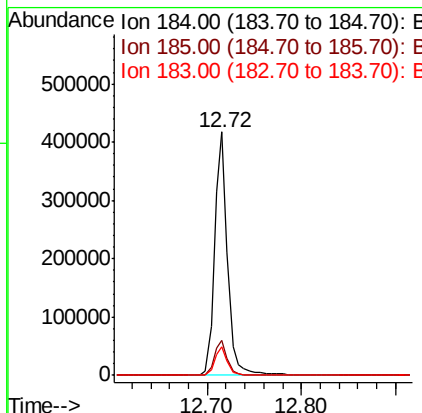
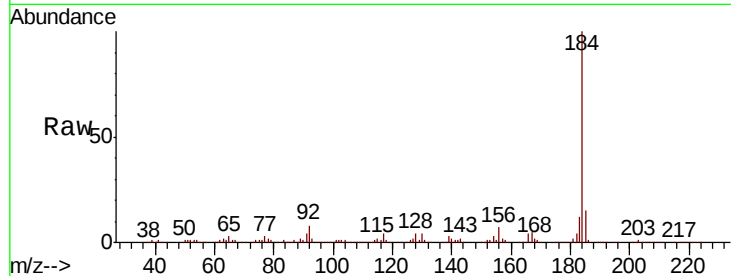
ClientSampled :

TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	14.6	13.4	20.2
183	11.6	9.1	13.7

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



#78

Pyrene

Concen: 55.455 ng

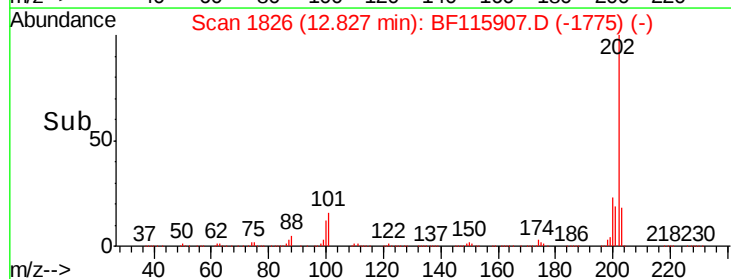
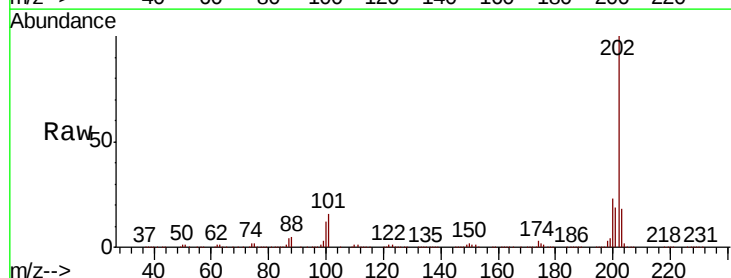
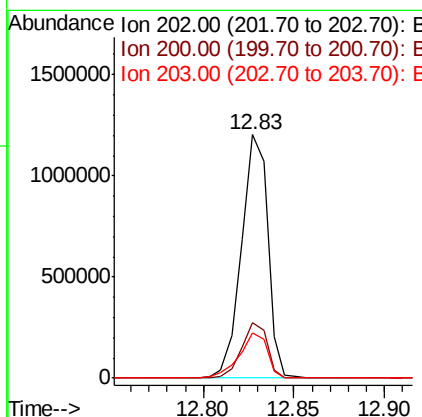
RT: 12.83 min Scan# 1826

Delta R.T. -0.00 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.7	18.2	27.2
203	18.4	14.3	21.5





#79

Terphenyl-d14

Concen: 62.971 ng

RT: 12.96 min Scan# 1849

Delta R.T. -0.01 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

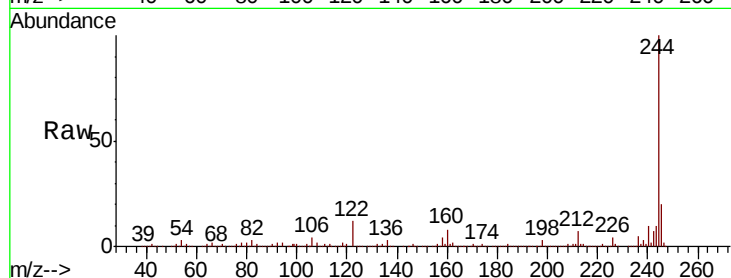
ClientSampleId :

TP-1-AMSD

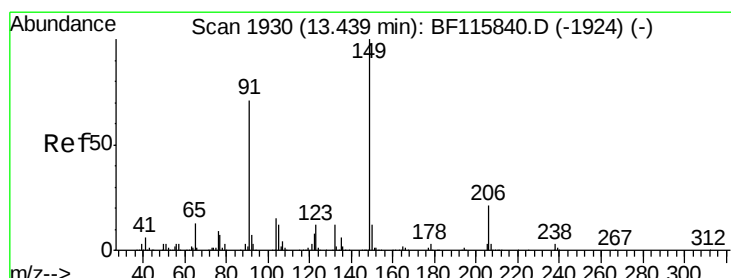
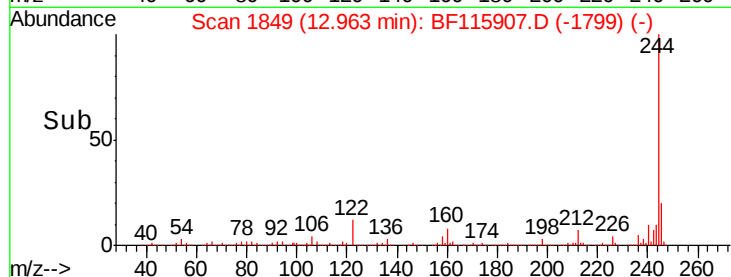
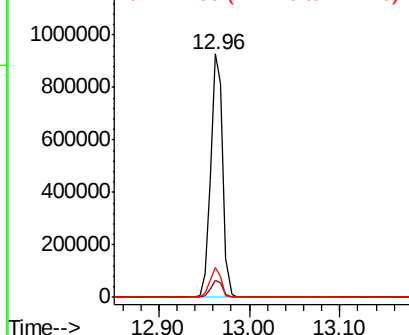
Tot Ion:	244	Resp:	868346
Ion Ratio		Lower	Upper
244	100		
212	6.9	5.6	8.4
122	12.4	8.6	13.0

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 37.852 ng

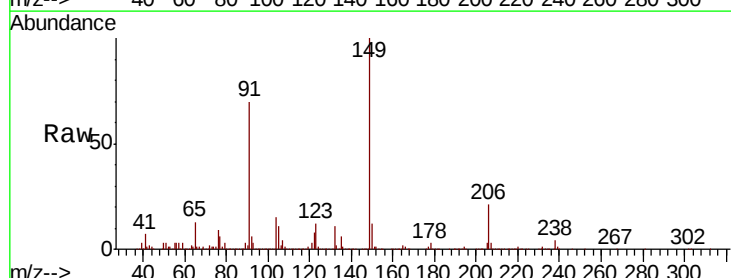
RT: 13.44 min Scan# 1930

Delta R.T. -0.00 min

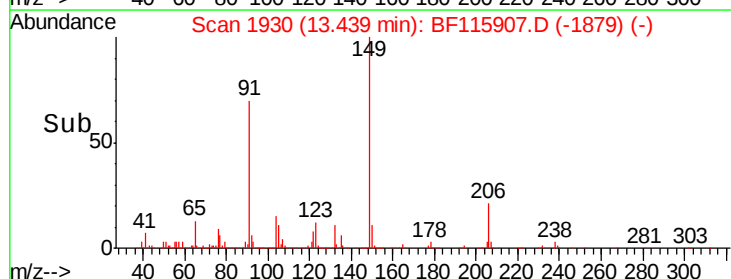
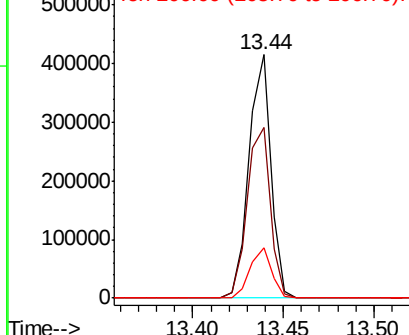
Lab File: BF115907.D

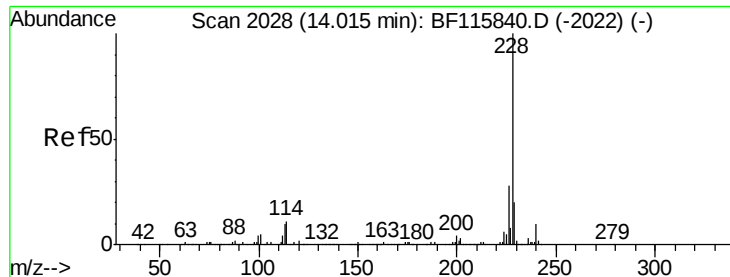
Acq: 1 Aug 2019 14:59

Tgt Ion:	149	Resp:	350713
Ion Ratio		Lower	Upper
149	100		
91	69.9	57.0	85.6
206	20.8	16.9	25.3



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF1
Ion 206.00 (205.70 to 206.70): E





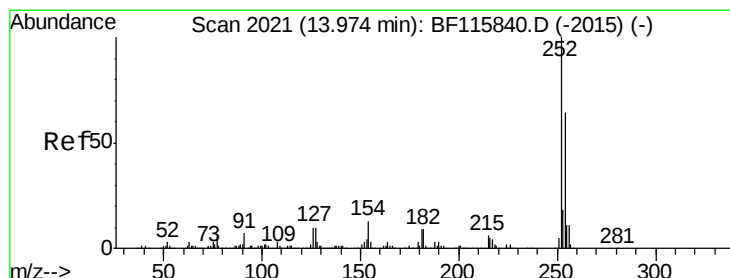
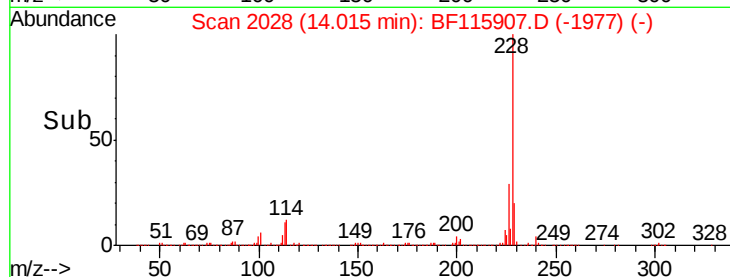
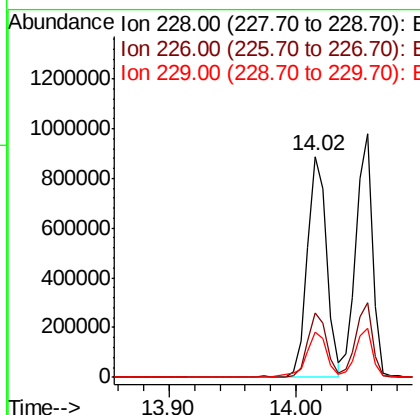
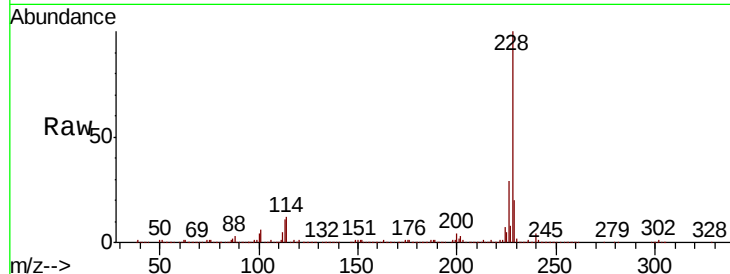
#81
Benzo(a)anthracene
Concen: 50.112 ng
RT: 14.02 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.5	33.7
229	20.5	16.1	24.1

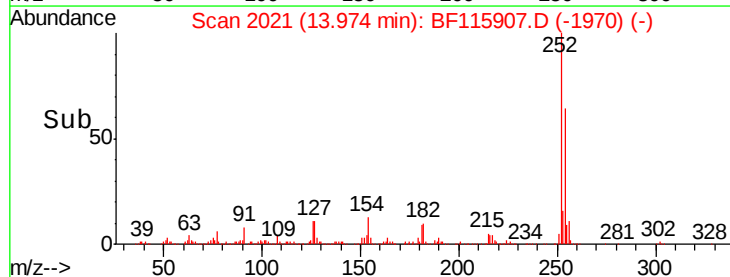
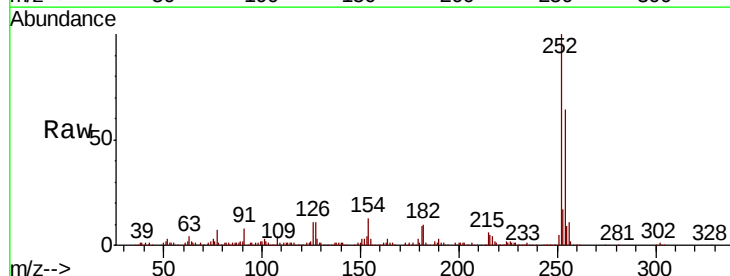
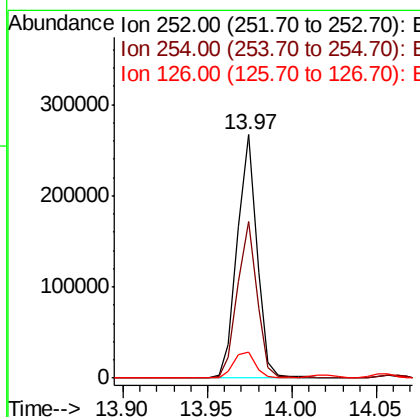
Manual Integrations
APPROVED

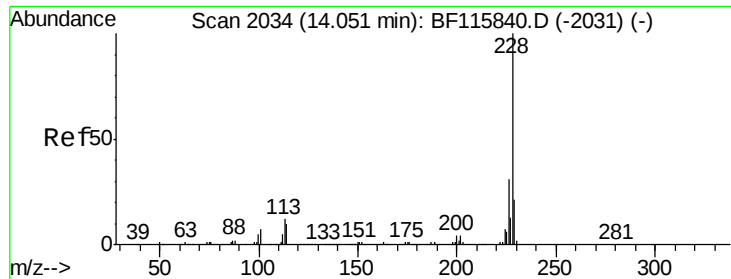
mohammad
8/5/2019 1:48:06 PM



#82
3,3'-Dichlorobenzidine
Concen: 33.810 ng
RT: 13.97 min Scan# 2021
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.1	51.2	76.8
126	10.9	8.1	12.1





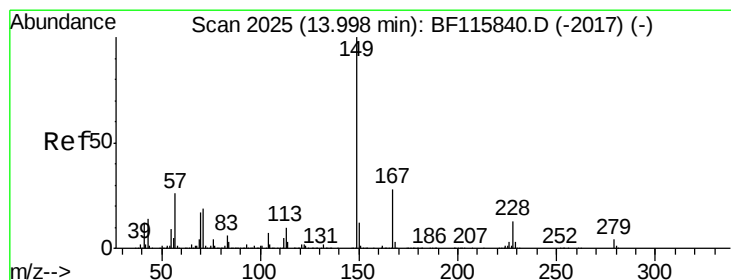
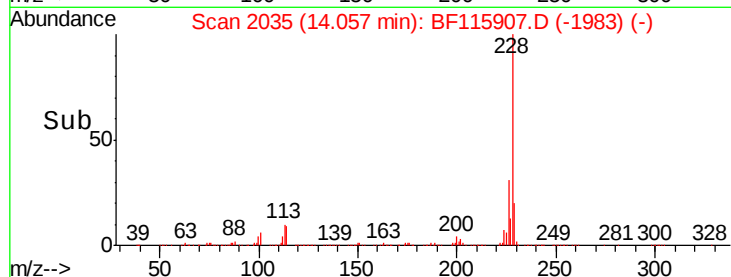
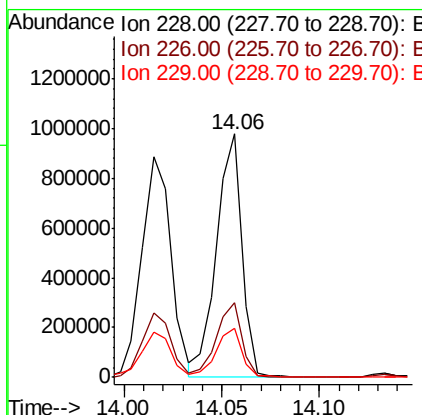
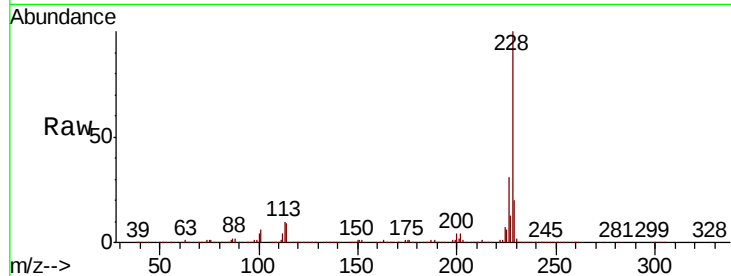
#83
Chrysene
Concen: 48.889 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.8	37.2
229	20.3	16.4	24.6

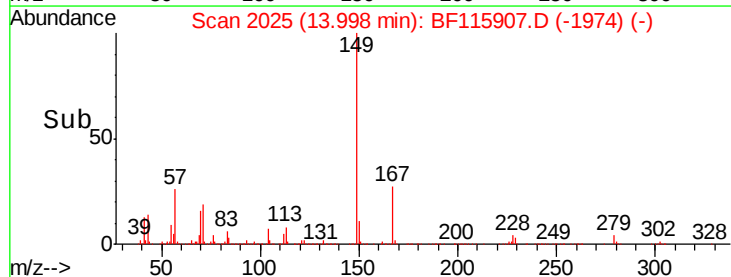
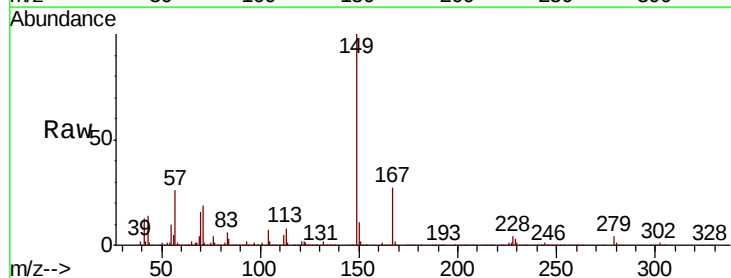
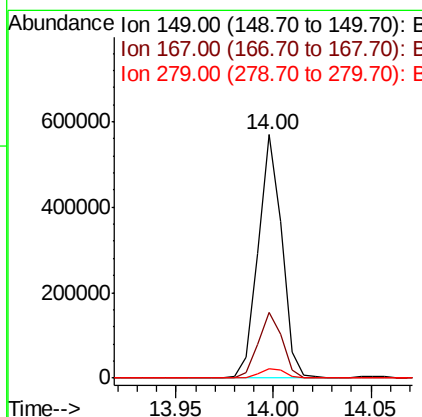
Manual Integrations
APPROVED

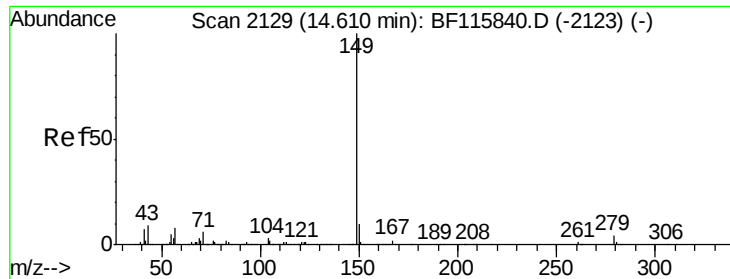
mohammad
8/5/2019 1:48:06 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.601 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.00 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.0	22.4	33.6
279	3.8	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 41.581 ng

RT: 14.61 min Scan# 2129

Delta R.T. -0.00 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

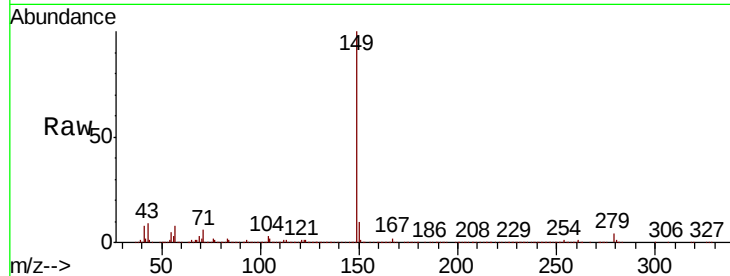
ClientSampled :

TP-1-AMSD

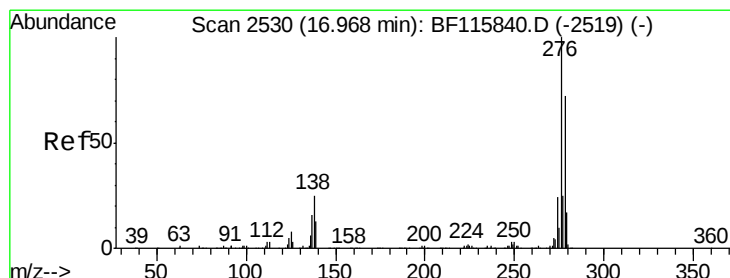
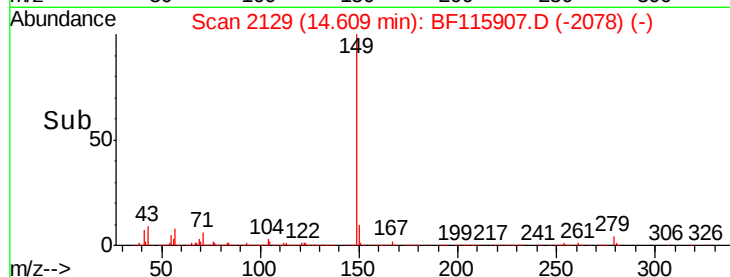
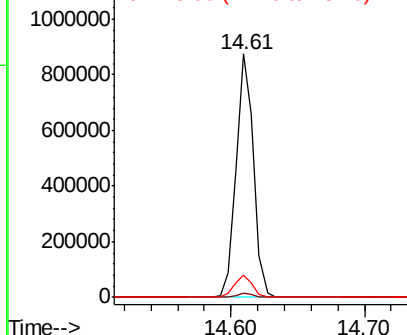
Tot Ion:	149	Resp:	795201
Ion Ratio	Lower	Upper	
149	100		
167	1.6	1.2	1.8
43	9.0	7.4	11.0

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 53.321 ng

RT: 16.99 min Scan# 2533

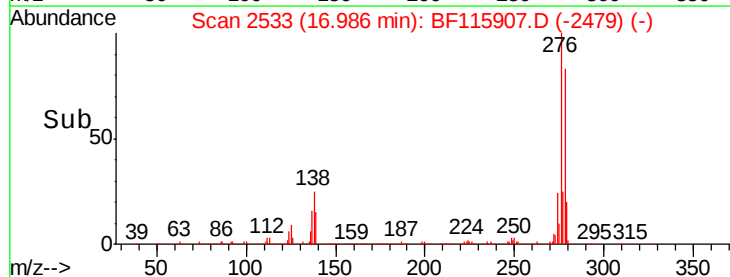
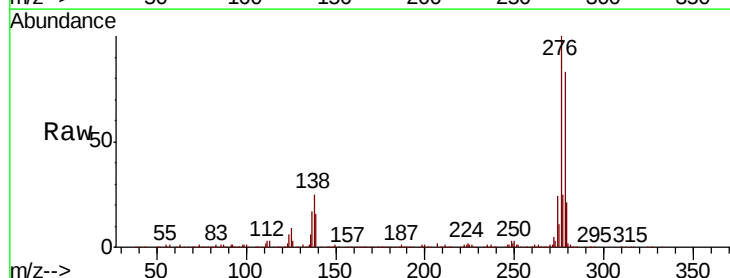
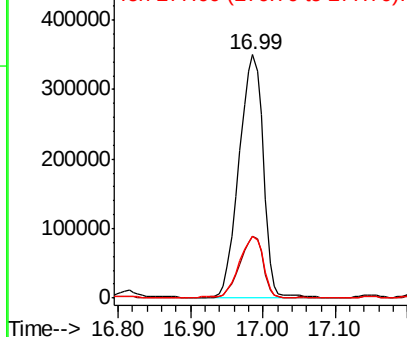
Delta R.T. 0.02 min

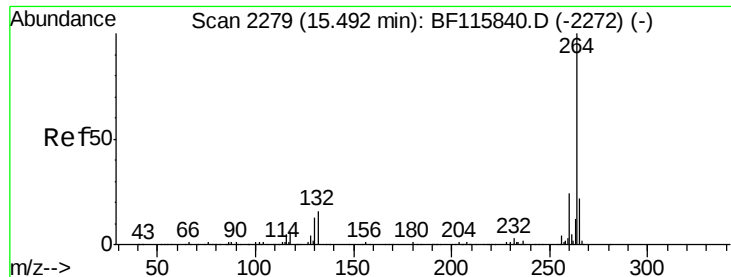
Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Tgt Ion:	276	Resp:	807494
Ion Ratio	Lower	Upper	
276	100		
138	24.5	19.6	29.4
277	24.9	20.1	30.1

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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. 0.01 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

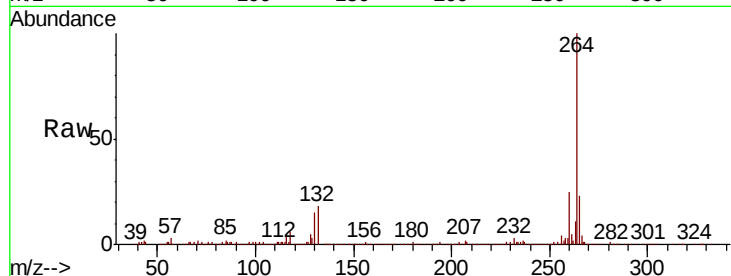
ClientSampleId :

TP-1-AMSD

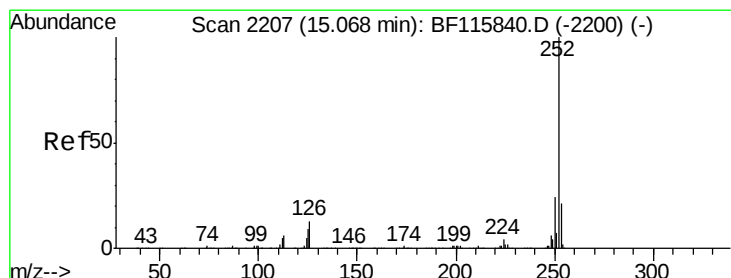
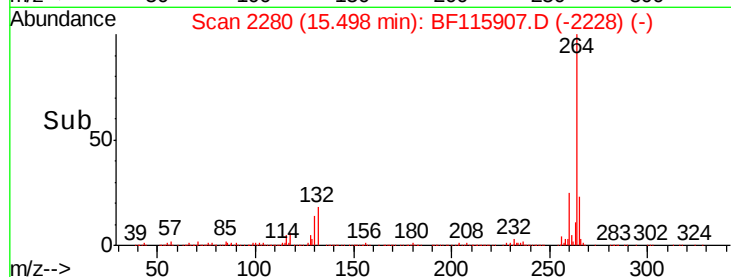
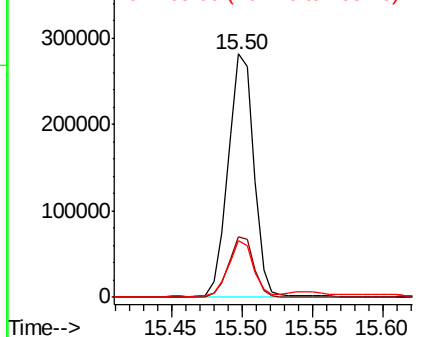
Tot Ion:	264	Resp:	356520
Ion Ratio	Lower	Upper	
264	100		
260	25.0	19.4	29.2
265	23.4	17.5	26.3

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 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: 49.299 ng

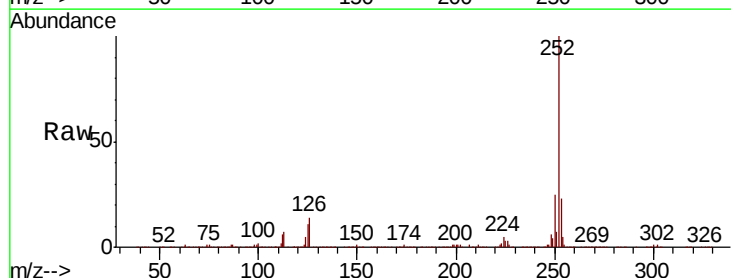
RT: 15.07 min Scan# 2208

Delta R.T. 0.01 min

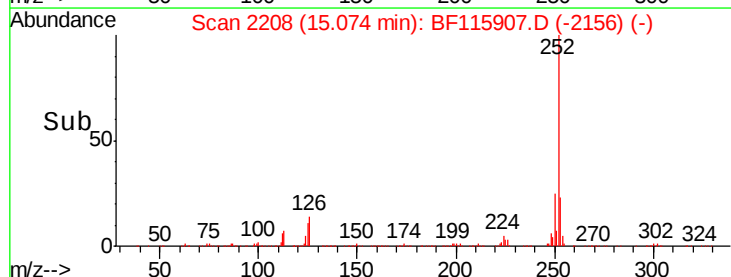
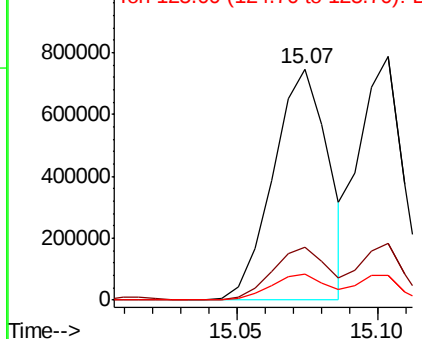
Lab File: BF115907.D

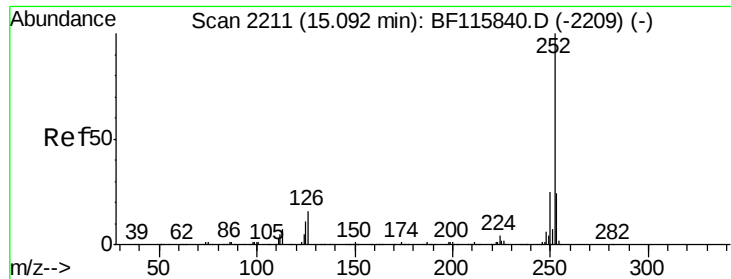
Acq: 1 Aug 2019 14:59

Tgt Ion:	252	Resp:	1016268
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.2	25.8
125	11.0	7.4	11.0



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: 40.966 ng

RT: 15.10 min Scan# 2213

Delta R.T. 0.01 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Instrument :

BNA_F

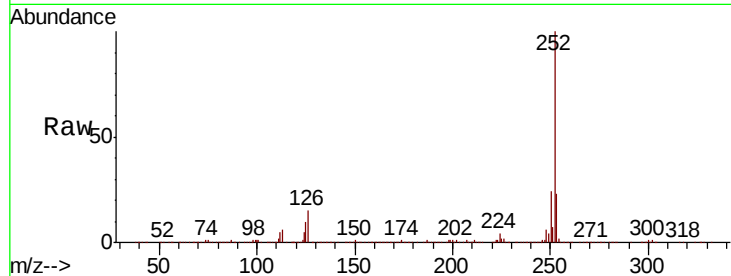
ClientSampled :

TP-1-AMSD

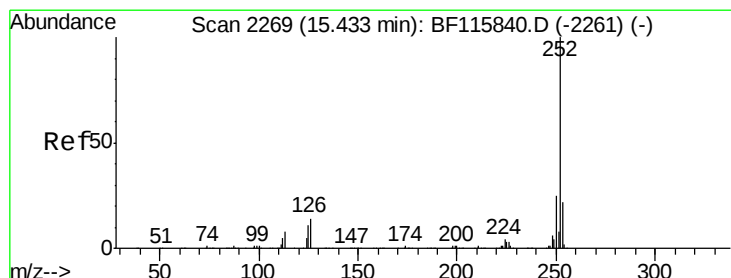
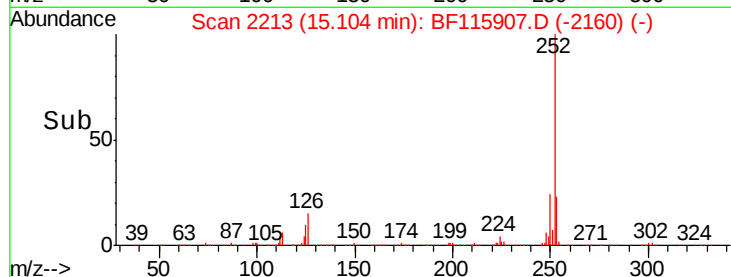
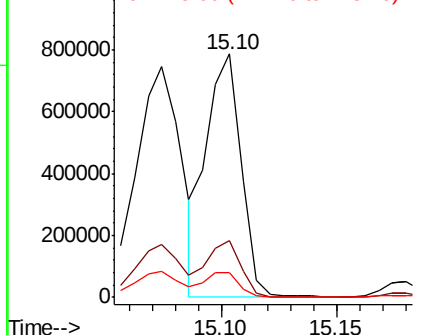
Tot Ion:	252	Resp:	822540
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.2	27.4
125	10.1	8.9	13.3

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM



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



#90

Benzo(a)pyrene

Concen: 50.361 ng

RT: 15.44 min Scan# 2271

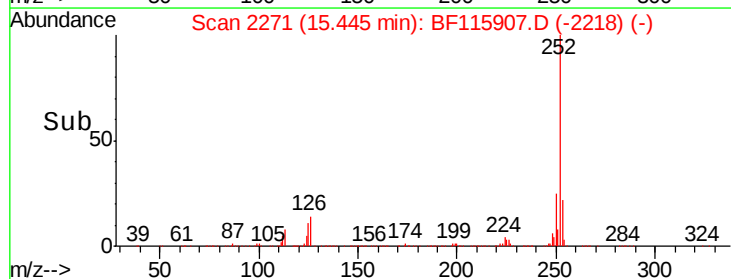
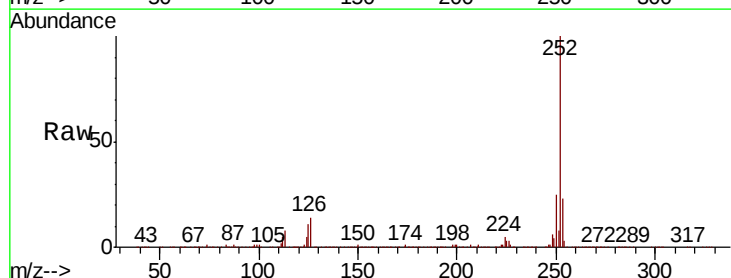
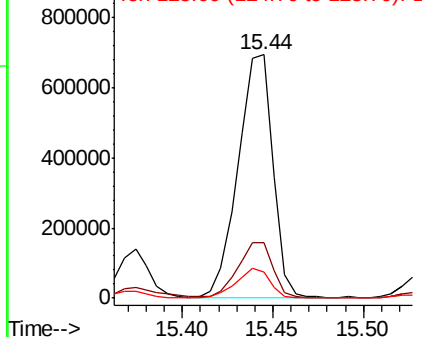
Delta R.T. 0.01 min

Lab File: BF115907.D

Acq: 1 Aug 2019 14:59

Tgt Ion:	252	Resp:	928047
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.8	26.6
125	10.9	8.8	13.2

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





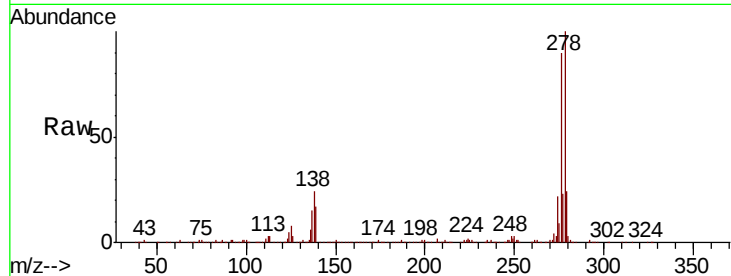
#91
Dibenzo(a,h)anthracene
Concen: 38.618 ng
RT: 16.99 min Scan# 2534
Delta R.T. 0.01 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Instrument :
BNA_F
ClientSampleId :
TP-1-AMSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.8	12.6	19.0
279	24.0	18.8	28.2

Manual Integrations
APPROVED

mohammad
8/5/2019 1:48:06 PM

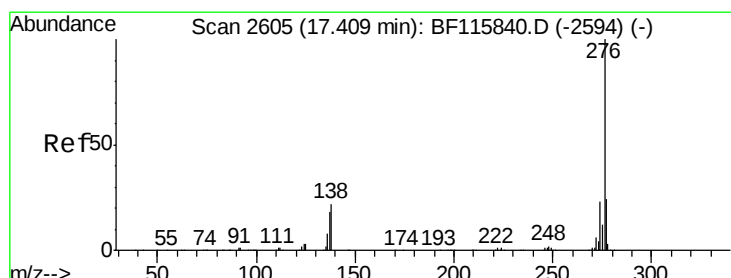
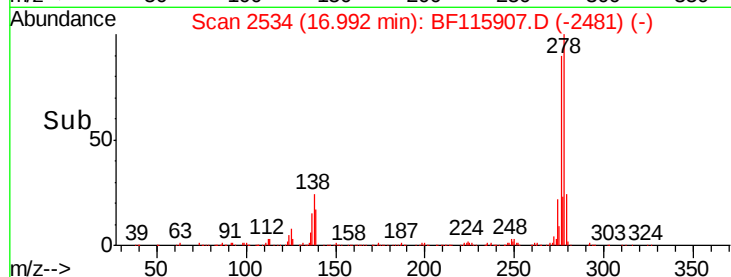
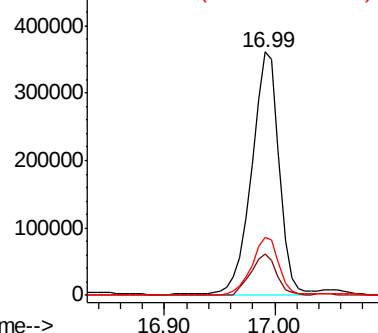


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 41.018 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.02 min
Lab File: BF115907.D
Acq: 1 Aug 2019 14:59

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	22.1	17.8	26.8

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

