

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115363.D
 Acq On : 2 Jul 2019 16:54
 Operator : HP/JU
 Sample : K3606-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:51:45 PM

Quant Time: Jul 03 06:33:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	221887	20.00	ng	0.00
21) Naphthalene-d8	7.89	136	848764	20.00	ng	0.00
39) Acenaphthene-d10	9.64	164	412916	20.00	ng	0.02
64) Phenanthrene-d10	11.12	188	762786	20.00	ng	0.02
76) Chrysene-d12	13.75	240	425359	20.00	ng	0.03
87) Perylene-d12	15.12	264	501398	20.00	ng	0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.21	112	1226605	85.31	ng	0.02
7) Phenol-d6	6.25	99	1573589	90.17	ng	0.02
23) Nitrobenzene-d5	7.17	82	969430	70.26	ng	0.00
42) 2,4,6-Tribromophenol	10.43	330	431240	99.04	ng	0.02
45) 2-Fluorobiphenyl	8.97	172	1631890	67.13	ng	0.01
79) Terphenyl-d14	12.71	244	1417658	70.86	ng	0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.24	88	172422	25.409	ng	99
3) Pyridine	2.89	79	452590	23.663	ng	97
4) n-Nitrosodimethylamine	2.83	42	198309	26.448	ng	95
6) Aniline	6.27	93	474035	19.763	ng	# 7
8) 2-Chlorophenol	6.40	128	515256	31.869	ng	98
9) Benzaldehyde	6.15	77	289477	25.424	ng	98
10) Phenol	6.27	94	617737	30.218	ng	86
11) bis(2-Chloroethyl)ether	6.35	93	465550	30.894	ng	98
12) 1,3-Dichlorobenzene	6.55	146	557465	31.068	ng	99
13) 1,4-Dichlorobenzene	6.62	146	566229	31.469	ng	100
14) 1,2-Dichlorobenzene	6.78	146	530530	31.839	ng	99
15) Benzyl Alcohol	6.75	79	365243	28.741	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	649719	29.727	ng	93
17) 2-Methylphenol	6.88	107	443596	33.239	ng	99
18) Hexachloroethane	7.12	117	195801	30.184	ng	97
19) n-Nitroso-di-n-propylamine	7.03	70	327437	29.306	ng	97
20) 3+4-Methylphenols	7.03	107	506026	32.838	ng	# 76
22) Acetophenone	7.02	105	702827	36.170	ng	93
24) Nitrobenzene	7.19	77	511626	33.658	ng	98
25) Isophorone	7.44	82	917418	32.458	ng	99
26) 2-Nitrophenol	7.51	139	285745	38.065	ng	97
27) 2,4-Dimethylphenol	7.56	122	449038	36.535	ng	99
28) bis(2-Chloroethoxy)methane	7.65	93	593725	33.235	ng	100
29) 2,4-Dichlorophenol	7.75	162	445556	35.128	ng	99
30) 1,2,4-Trichlorobenzene	7.84	180	481667	34.379	ng	100
31) Naphthalene	7.91	128	1474744	35.396	ng	100
32) Benzoic acid	7.62	122	58737m	6.695	ng	
33) 4-Chloroaniline	7.96	127	324111	17.022	ng	98
34) Hexachlorobutadiene	8.04	225	261341	34.039	ng	99
35) Caprolactam	8.32	113	144439m	33.871	ng	
36) 4-Chloro-3-methylphenol	8.46	107	442596	34.456	ng	97
37) 2-Methylnaphthalene	8.61	142	980379	34.899	ng	97
38) 1-Methylnaphthalene	8.70	142	920636	34.314	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	429931	36.846	ng	100

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070219\
 Data File : BF115363.D
 Acq On : 2 Jul 2019 16:54
 Operator : HP/JU
 Sample : K3606-02MSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

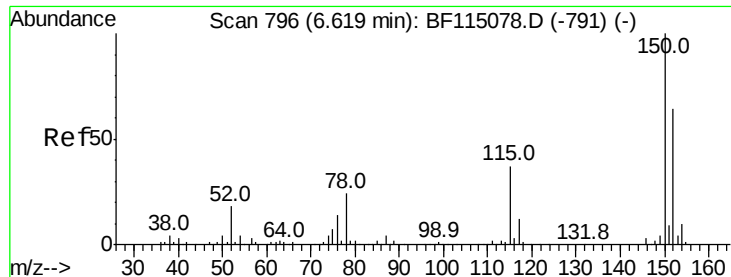
Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:51:45 PM

Quant Time: Jul 03 06:33:20 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 28 05:26:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	432901	62.568	nq	99
43) 2,4,6-Trichlorophenol	8.88	196	312623	34.704	nq	100
44) 2,4,5-Trichlorophenol	8.92	196	347620	37.472	nq	99
46) 1,1'-Biphenyl	9.07	154	1153683	34.919	nq	99
47) 2-Chloronaphthalene	9.09	162	919211	34.299	nq	98
48) 2-Nitroaniline	9.18	65	266026	34.048	nq	97
49) Acenaphthylene	9.50	152	1440141	34.490	nq	99
50) Dimethylphthalate	9.38	163	1555601	51.206	nq	100
51) 2,6-Dinitrotoluene	9.43	165	249927	35.635	nq	98
52) Acenaphthene	9.68	154	838162	32.079	nq	100
53) 3-Nitroaniline	9.60	138	235476	27.512	nq	100
54) 2,4-Dinitrophenol	9.70	184	87882	29.459	nq	95
55) Dibenzofuran	9.85	168	1258888	33.569	nq	99
56) 4-Nitrophenol	9.77	139	423018	61.649	nq	88
57) 2,4-Dinitrotoluene	9.83	165	325685	35.963	nq	93
58) Fluorene	10.19	166	908508	34.910	nq	98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	282641	36.335	nq	97
60) Diethylphthalate	10.08	149	1052826	34.477	nq	99
61) 4-Chlorophenyl-phenylether	10.18	204	436446	35.320	nq	97
62) 4-Nitroaniline	10.21	138	265211	30.888	nq	99
63) Azobenzene	10.34	77	923424	32.375	nq	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	138447	35.547	nq	99
66) n-Nitrosodiphenylamine	10.30	169	859323	36.160	nq	100
67) 4-Bromophenyl-phenylether	10.67	248	295375	35.716	nq	95
68) Hexachlorobenzene	10.74	284	316749	35.285	nq	97
69) Atrazine	10.84	200	280160	36.648	nq	99
70) Pentachlorophenol	10.93	266	362687	63.420	nq	97
71) Phenanthrene	11.14	178	1616987	39.372	nq	100
72) Anthracene	11.20	178	1464533	35.327	nq	99
73) Carbazole	11.35	167	1241053	33.524	nq	100
74) Di-n-butylphthalate	11.70	149	1539352	35.985	nq	100
75) Fluoranthene	12.32	202	1673311	40.836	nq	99
77) Benzidine	12.45	184	446440	23.637	nq	97
78) Pyrene	12.55	202	1599686	48.936	nq	99
80) Butylbenzylphthalate	13.18	149	551758	38.247	nq	97
81) Benzo(a)anthracene	13.74	228	1223779	40.096	nq	100
82) 3,3'-Dichlorobenzidine	13.70	252	313588	28.452	nq	99
83) Chrysene	13.77	228	1148608	41.084	nq	98
84) Bis(2-ethylhexyl)phthalate	13.75	149	748065	39.575	nq	100
85) Di-n-octyl phthalate	14.37	149	1224248	38.547	nq	99
86) Indeno(1,2,3-cd)pyrene	16.41	276	1030302	31.144	nq	98
88) Benzo(b)fluoranthene	14.75	252	1359309	43.448	nq	100
89) Benzo(k)fluoranthene	14.77	252	981870	34.996	nq	97
90) Benzo(a)pyrene	15.07	252	1136355	40.299	nq	99
91) Dibenzo(a,h)anthracene	16.42	278	815728	30.987	nq	98
92) Benzo(g,h,i)perylene	16.79	276	814387	30.566	nq	99

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



#1

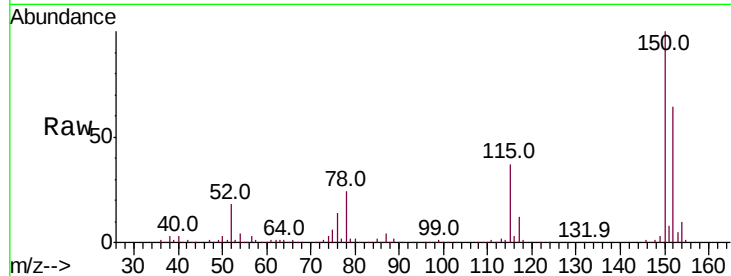
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 794
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.2	186.2
115	58.0	46.1	69.1

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM

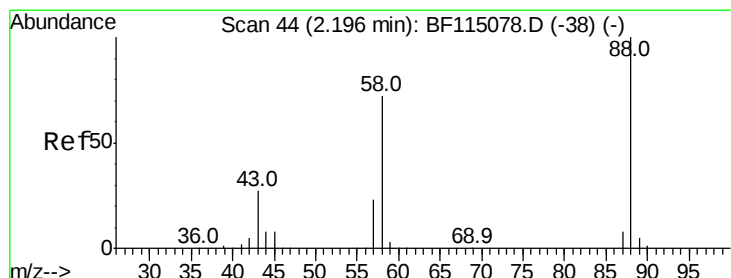
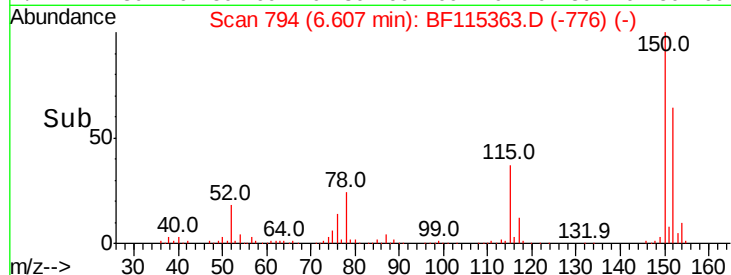
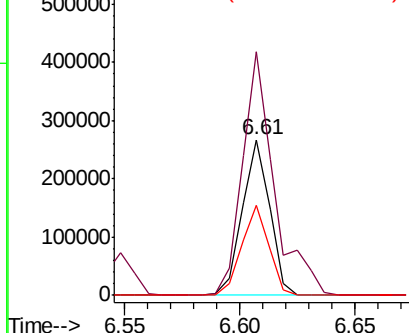


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

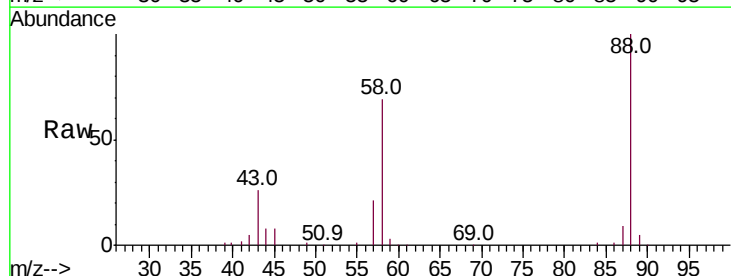
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 25.409 ng
RT: 2.24 min Scan# 51
Delta R.T. 0.08 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.3	56.1	84.1
43	25.3	21.3	31.9

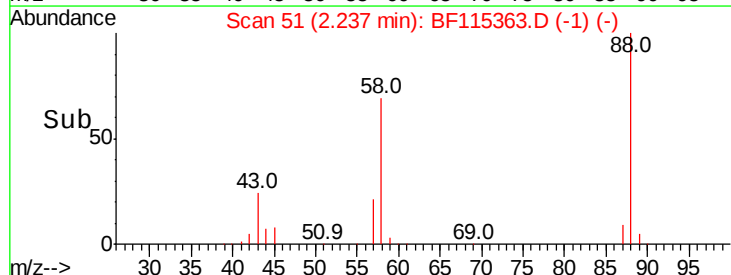
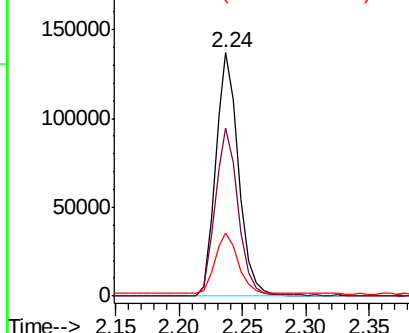


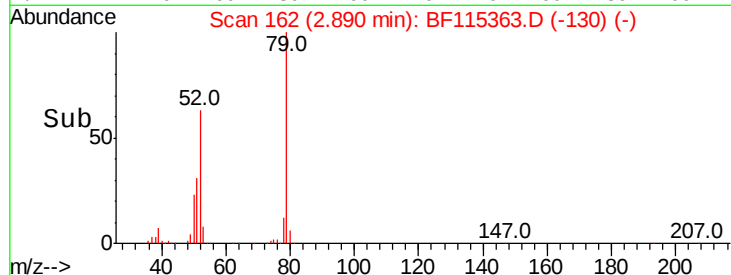
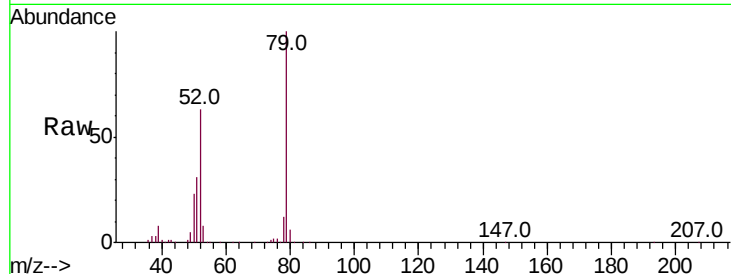
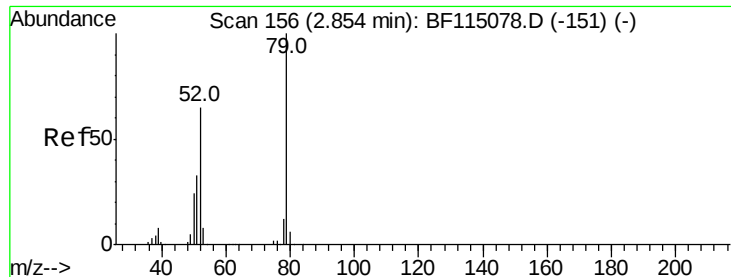
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





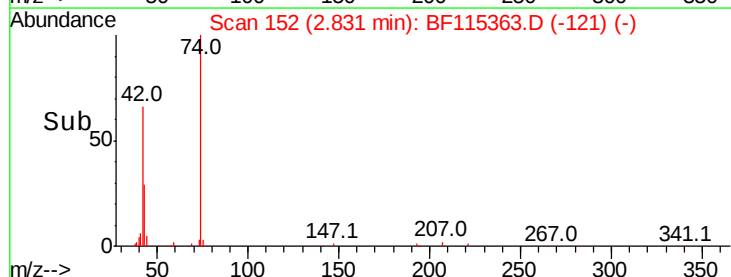
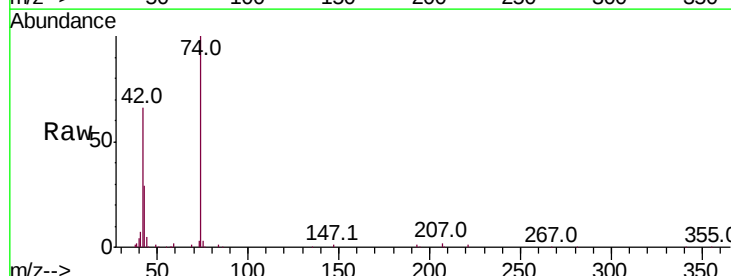
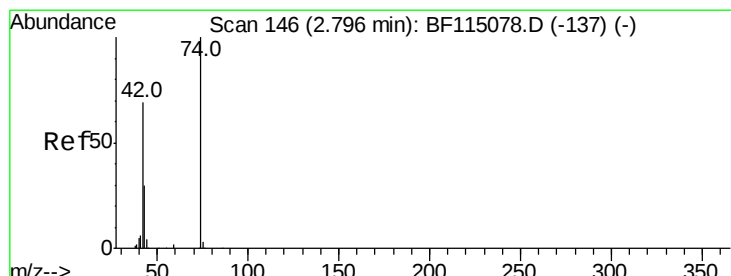
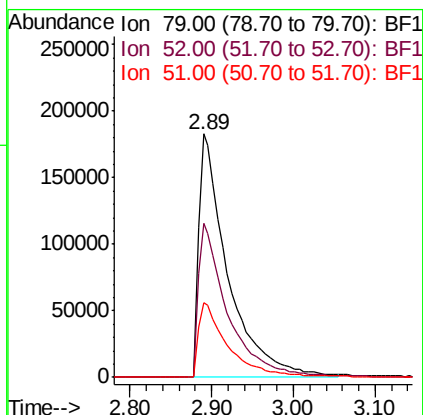
#3
Pvridine
Concen: 23.663 ng
RT: 2.89 min Scan# 162
Delta R.T. 0.09 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tot Ion: 79 Resp: 452590
Ion Ratio Lower Upper
79 100
52 63.3 52.3 78.5
51 30.9 26.1 39.1

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

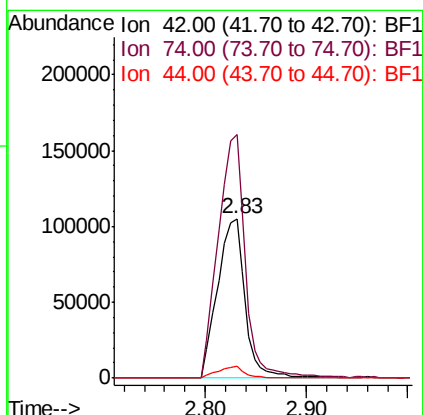
Manual Integrations
APPROVED

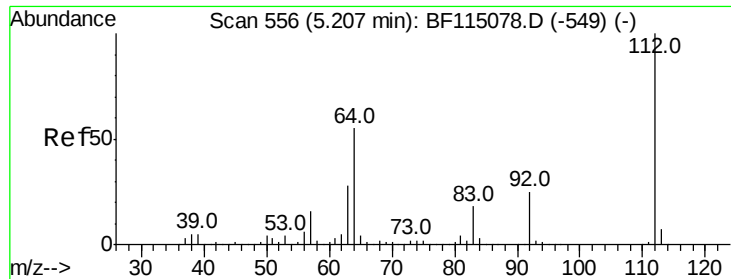
mohammad
7/3/2019 10:51:45 PM



#4
n-Nitrosodimethylamine
Concen: 26.448 ng
RT: 2.83 min Scan# 152
Delta R.T. 0.08 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion: 42 Resp: 198309
Ion Ratio Lower Upper
42 100
74 152.6 116.6 175.0
44 7.2 5.3 7.9





#5

2-Fluorophenol

Concen: 85.307 ng

RT: 5.21 min Scan# 557

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

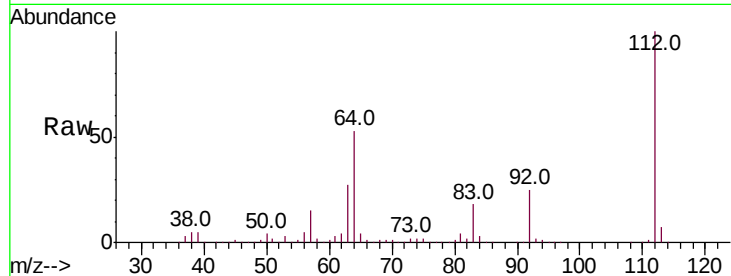
ClientSampleId :

HJDC-COMP-1MSD

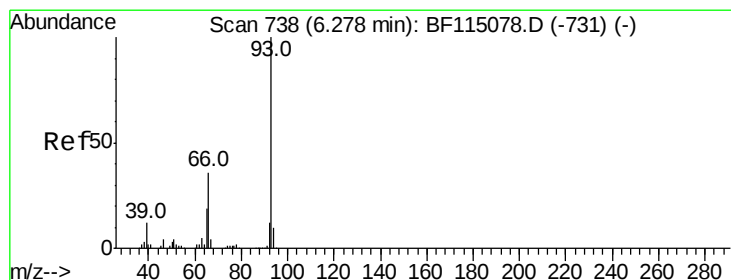
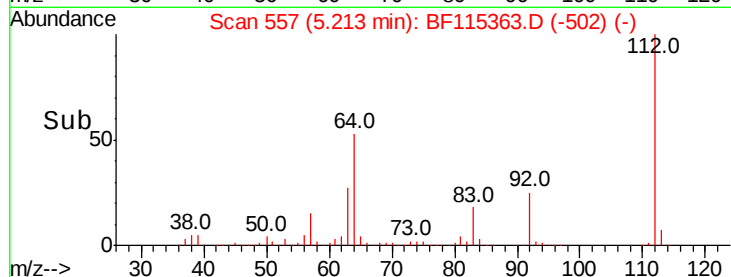
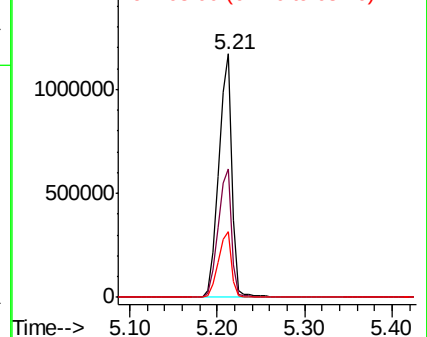
Tot Ion:	112	Resp:	1226605
Ion	Ratio	Lower	Upper
112	100		
64	52.9	43.8	65.6
63	27.0	22.2	33.4

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 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: 19.763 ng

RT: 6.27 min Scan# 736

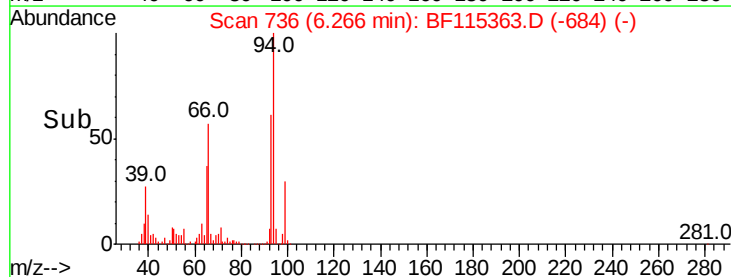
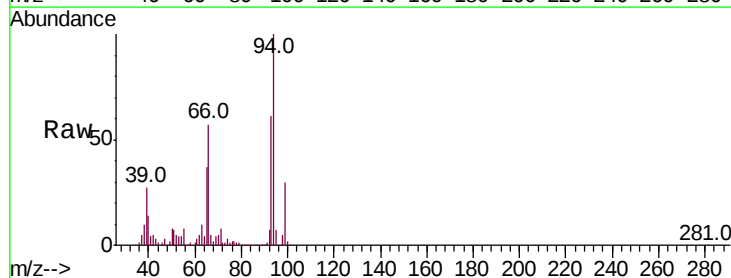
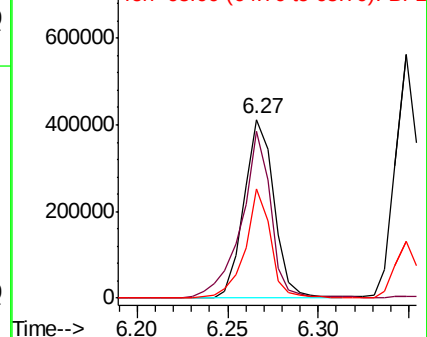
Delta R.T. 0.01 min

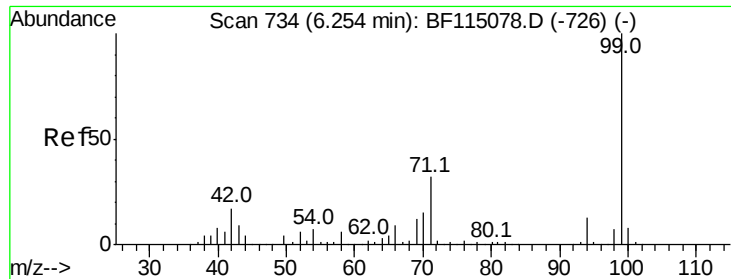
Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Tgt Ion:	93	Resp:	474035
Ion	Ratio	Lower	Upper
93	100		
66	93.4	30.0	45.0#
65	61.1	15.6	23.4#

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: 90.166 ng

RT: 6.25 min Scan# 734

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

Tot Ion: 99 Resp: 1573589

Ion Ratio Lower Upper

99 100

42 16.6 13.6 20.4

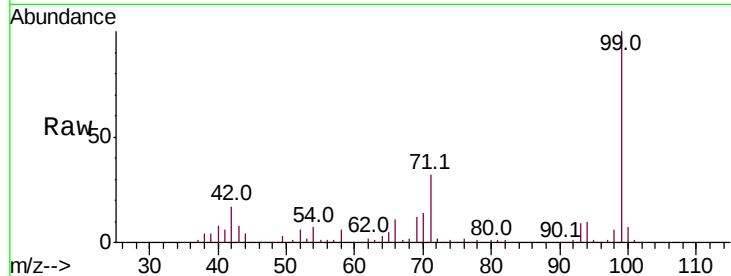
71 32.3 25.5 38.3

Manual Integrations

APPROVED

mohammad

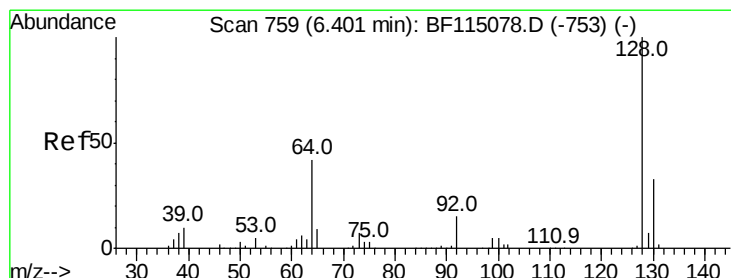
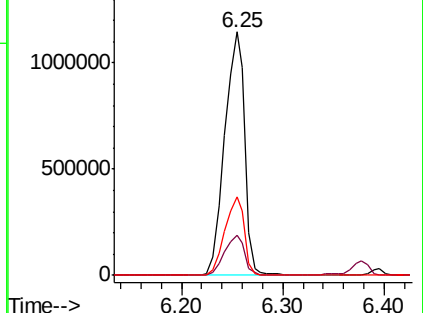
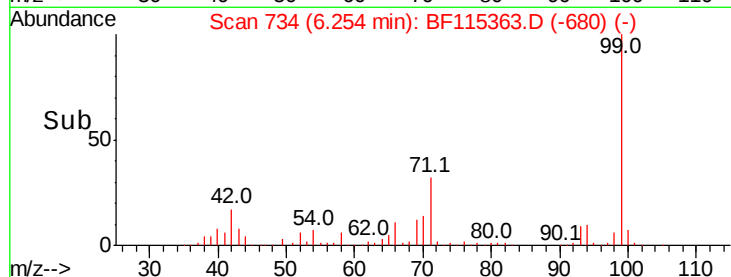
7/3/2019 10:51:45 PM



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 31.869 ng

RT: 6.40 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

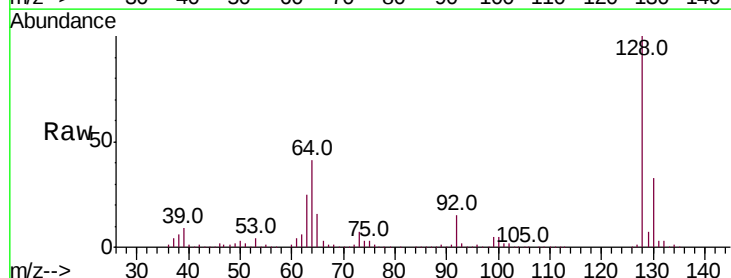
Tgt Ion: 128 Resp: 515256

Ion Ratio Lower Upper

128 100

130 32.9 12.9 52.9

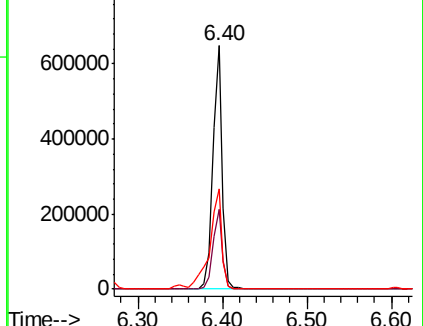
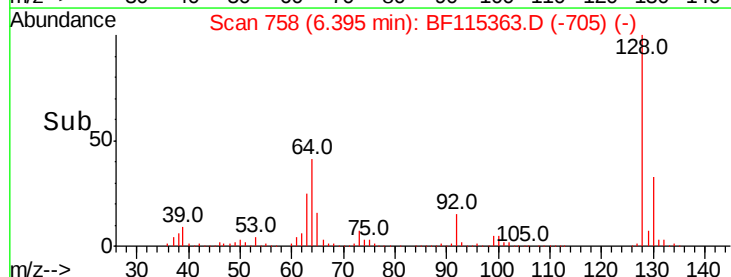
64 41.0 22.9 62.9

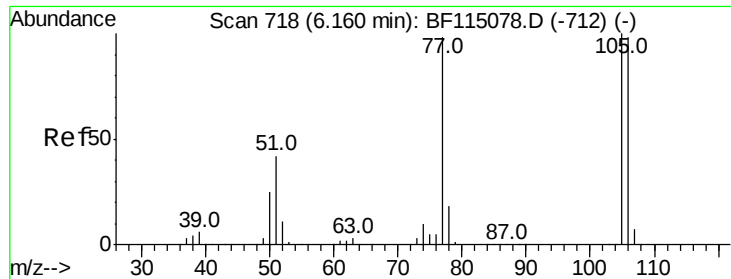


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 25.424 ng

RT: 6.15 min Scan# 716

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

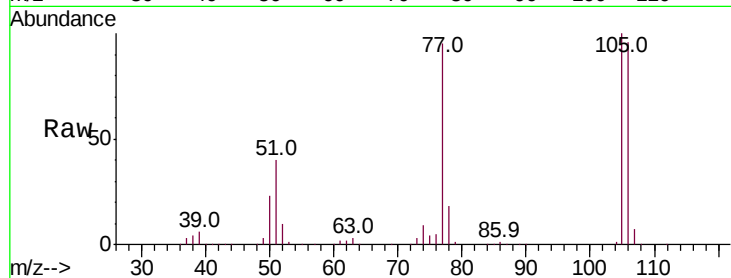
ClientSampleId :

HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
77	100		
105	105.0	81.5	121.5
106	100.7	79.7	119.7

Manual Integrations
APPROVED

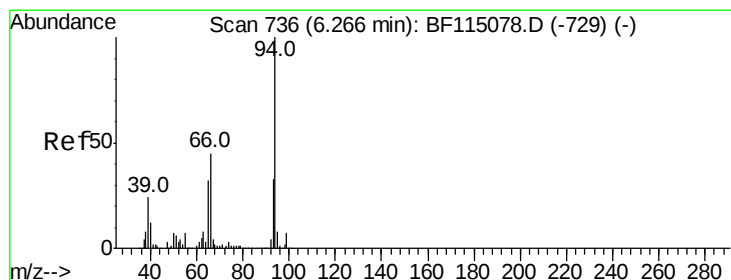
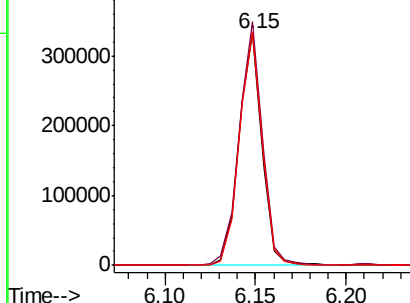
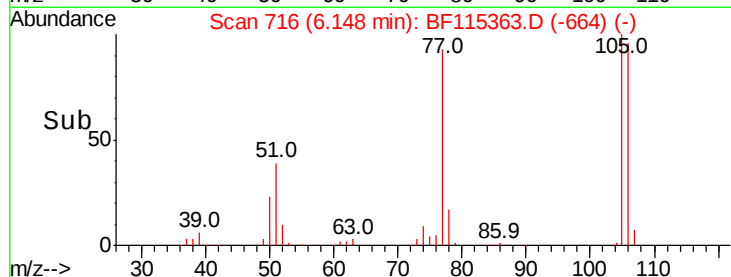
mohammad
7/3/2019 10:51:45 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 30.218 ng

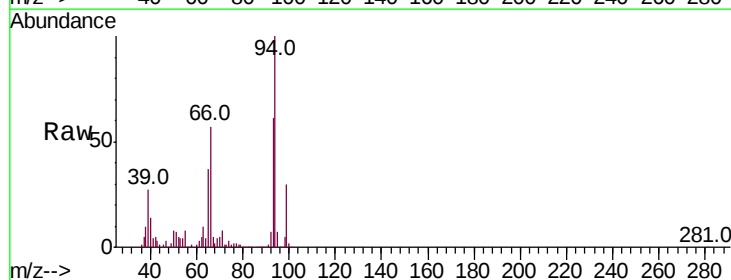
RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

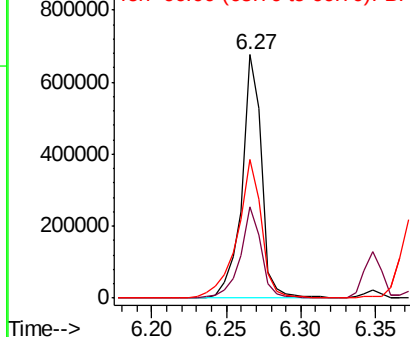
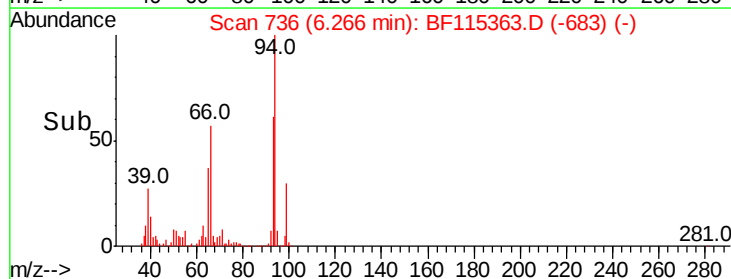
Tgt Ion	Ratio	Lower	Upper
94	100		
65	37.2	11.9	51.9
66	56.9	25.2	65.2

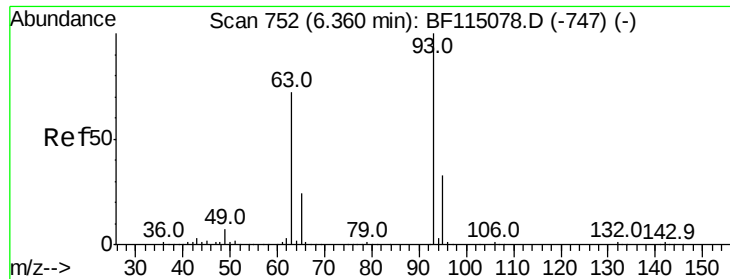


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





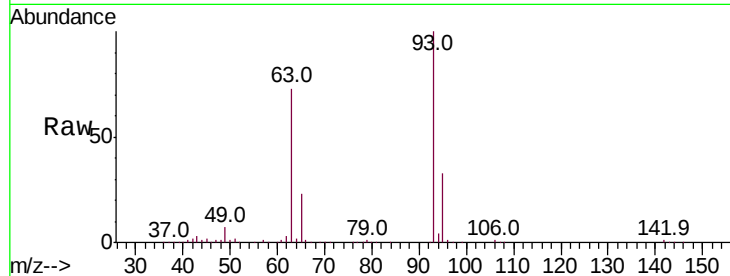
#11
bis(2-Chloroethyl)ether
Concen: 30.894 ng
RT: 6.35 min Scan# 750
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

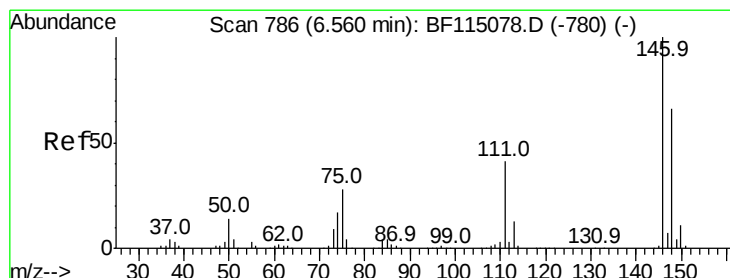
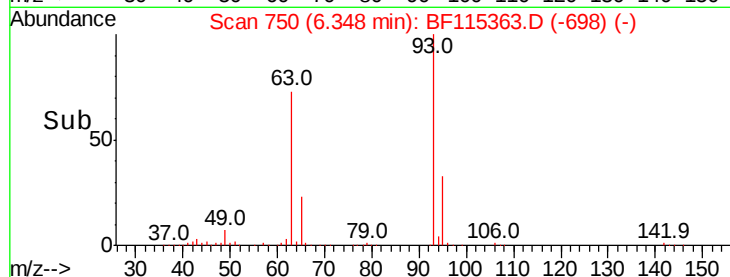
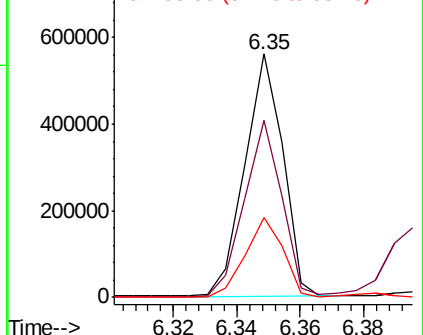
Tot Ion	Ratio	Resp	Lower	Upper
93	100	465550		
63	73.0	51.5	91.5	
95	32.7	13.4	53.4	

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM

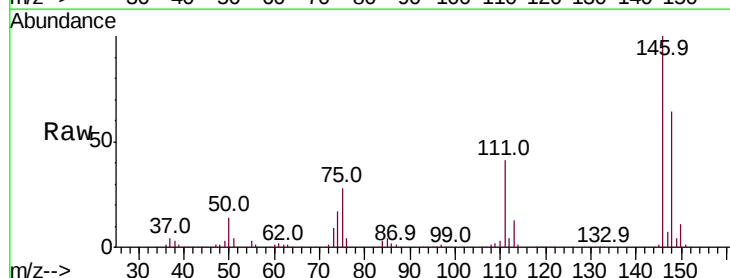


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

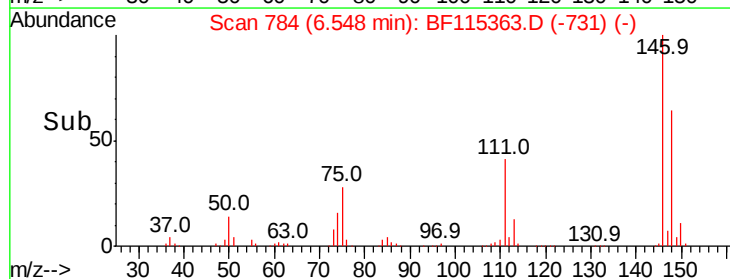
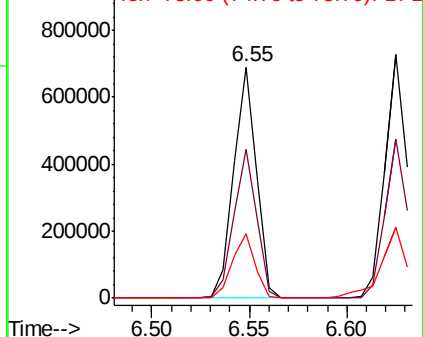


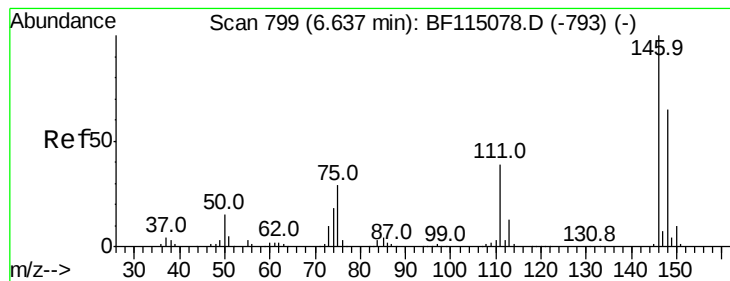
#12
1,3-Dichlorobenzene
Concen: 31.068 ng
RT: 6.55 min Scan# 784
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	557465		
148	64.3	52.6	78.8	
75	27.8	22.6	34.0	



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 31.469 ng

RT: 6.62 min Scan# 797

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

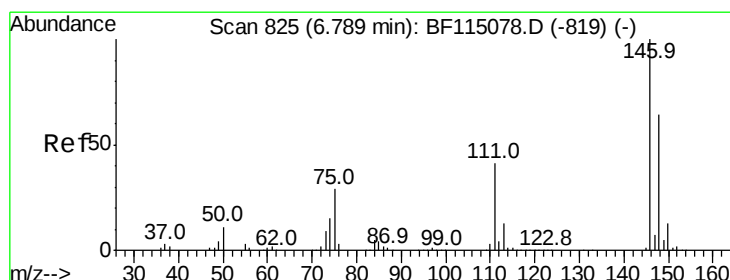
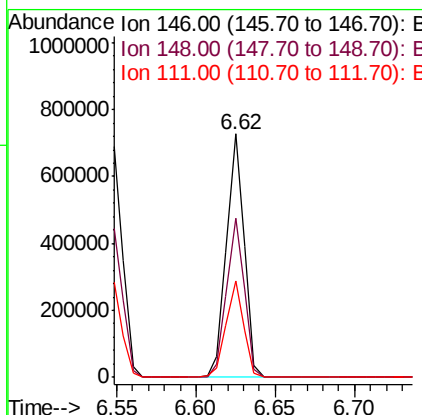
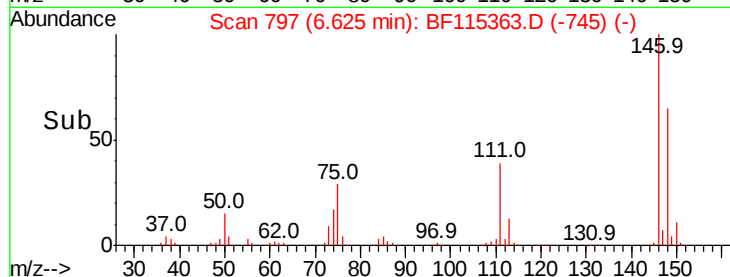
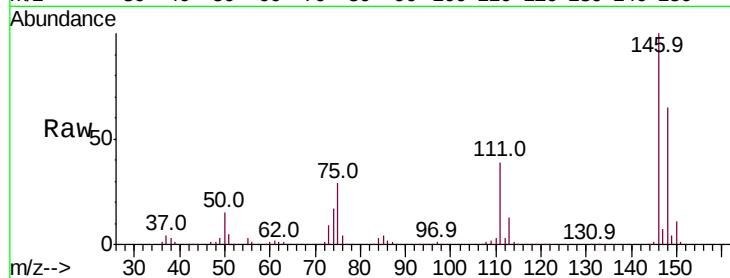
ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:	146	Resp:	566229
Ion Ratio	Lower	Upper	
146	100		
148	65.2	51.9	77.9
111	39.4	31.4	47.0

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM



#14

1,2-Dichlorobenzene

Concen: 31.839 ng

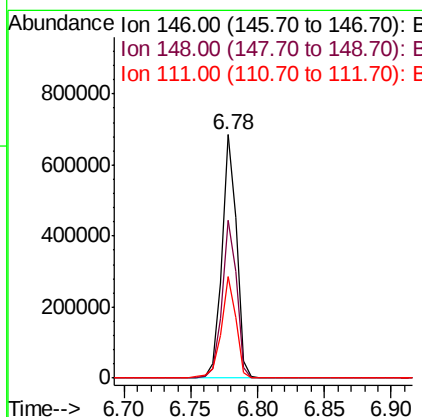
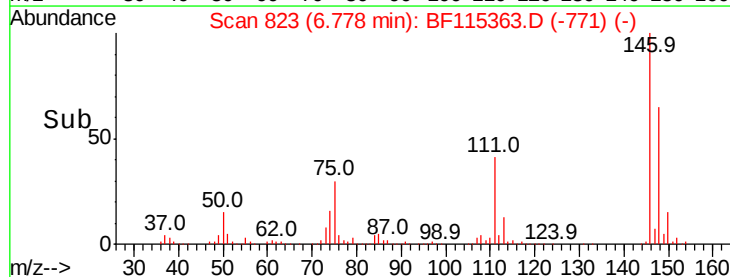
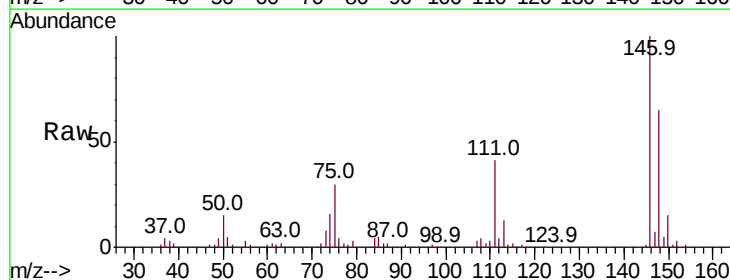
RT: 6.78 min Scan# 823

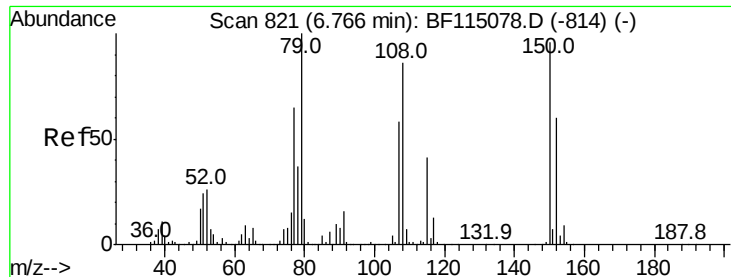
Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Tgt Ion:	146	Resp:	530530
Ion Ratio	Lower	Upper	
146	100		
148	64.6	51.1	76.7
111	41.5	33.2	49.8





#15

Benzyl Alcohol

Concen: 28.741 ng

RT: 6.75 min Scan# 819

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

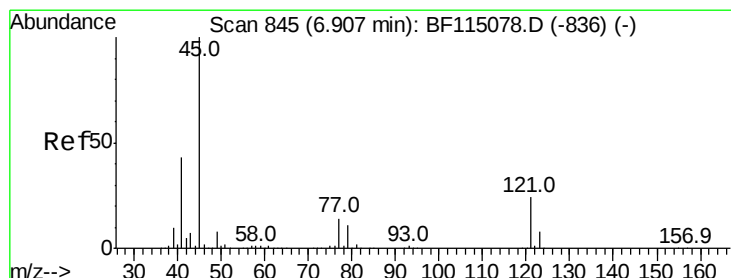
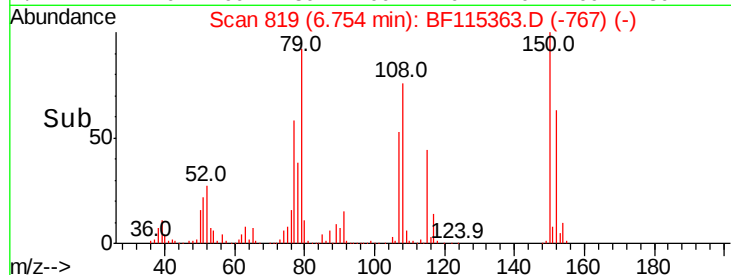
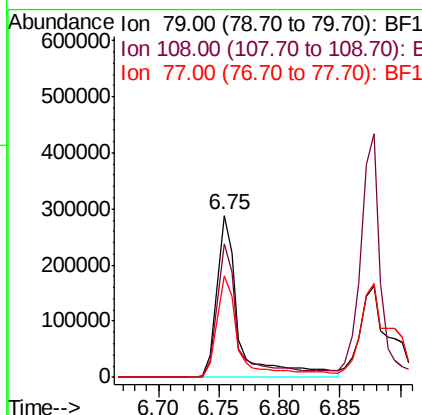
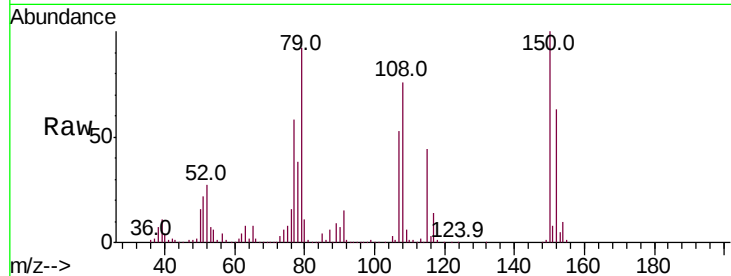
ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:	79	Resp:	365243
Ion	Ratio	Lower	Upper
79	100		
108	82.4	68.7	103.1
77	62.5	51.7	77.5

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM



#16

2,2'-oxybis(1-chloropropane)

Concen: 29.727 ng

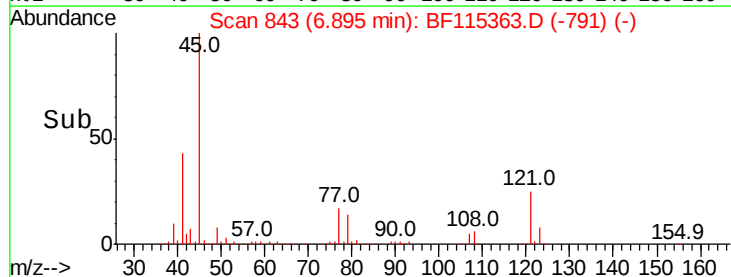
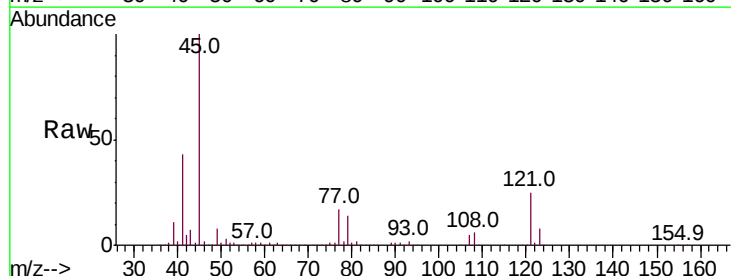
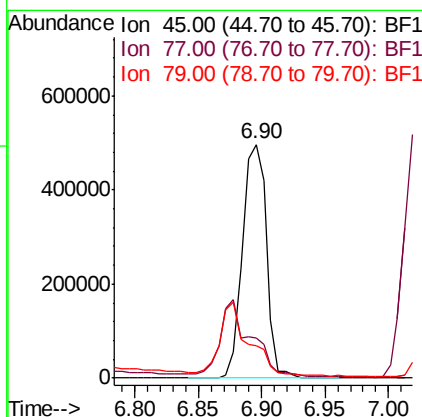
RT: 6.90 min Scan# 843

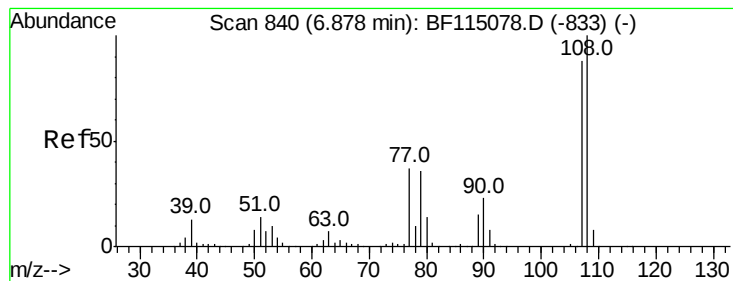
Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Tgt Ion:	45	Resp:	649719
Ion	Ratio	Lower	Upper
45	100		
77	17.4	0.0	34.6
79	14.1	0.0	31.2





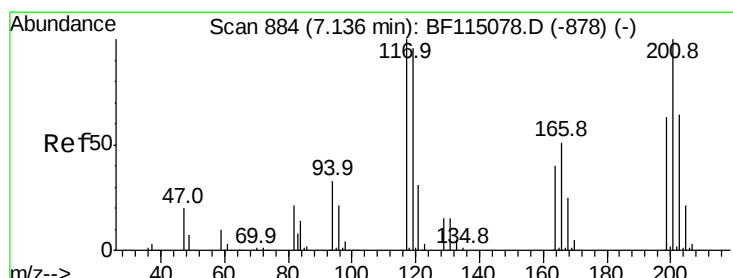
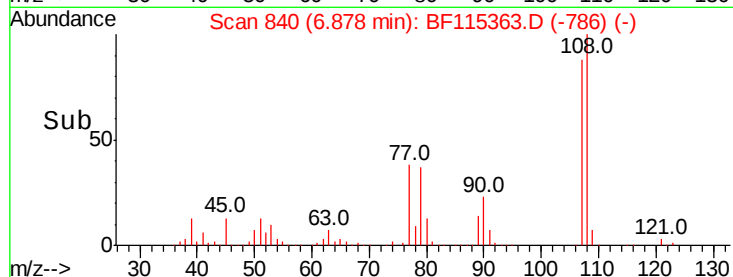
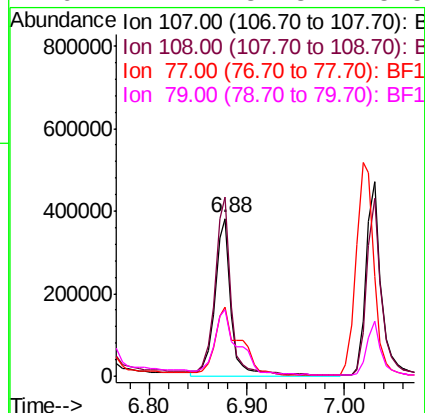
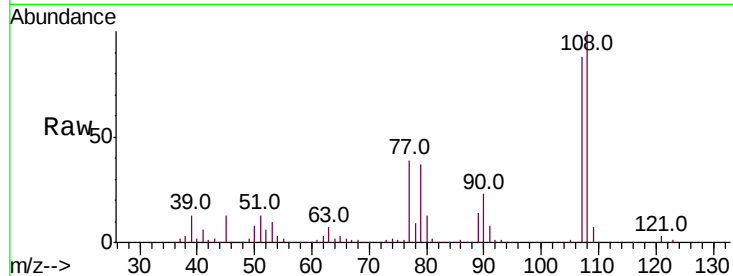
#17
2-Methylphenol
Concen: 33.239 ng
RT: 6.88 min Scan# 840
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.6	90.9	136.3
77	44.0	33.4	50.2
79	42.4	32.3	48.5

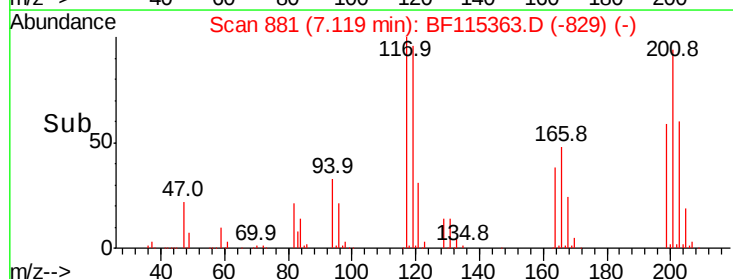
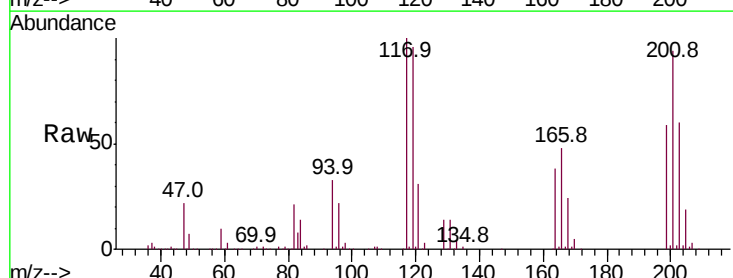
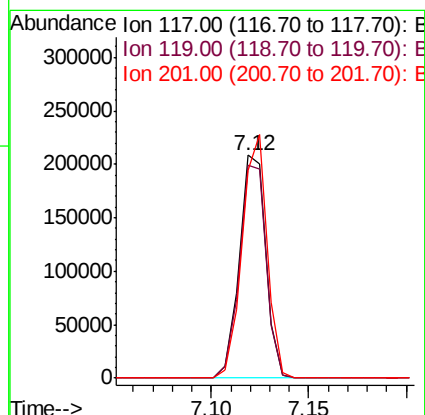
Manual Integrations
APPROVED

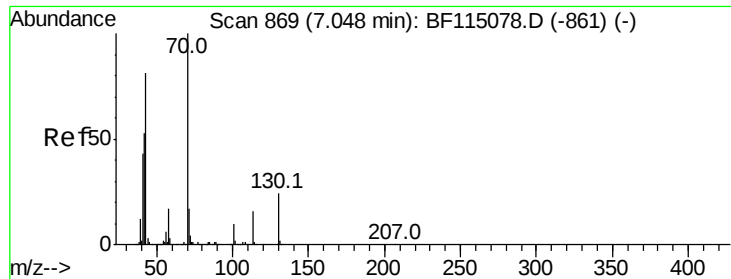
mohammad
7/3/2019 10:51:45 PM



#18
Hexachloroethane
Concen: 30.184 ng
RT: 7.12 min Scan# 881
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.6	76.6	114.8
201	93.6	80.2	120.2





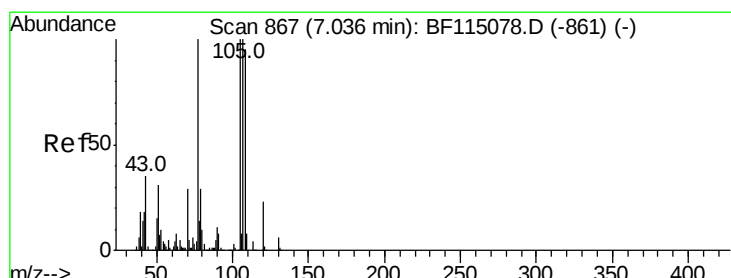
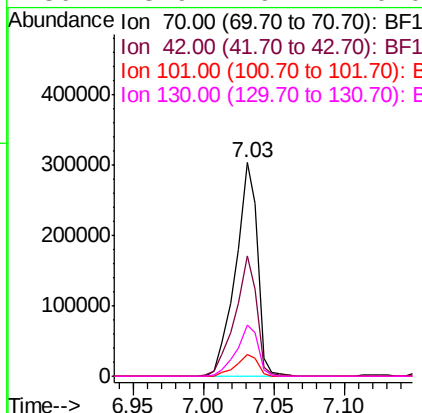
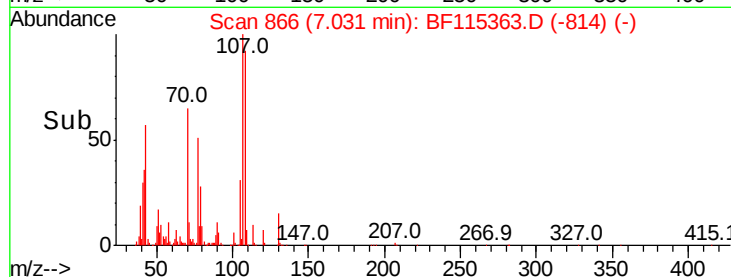
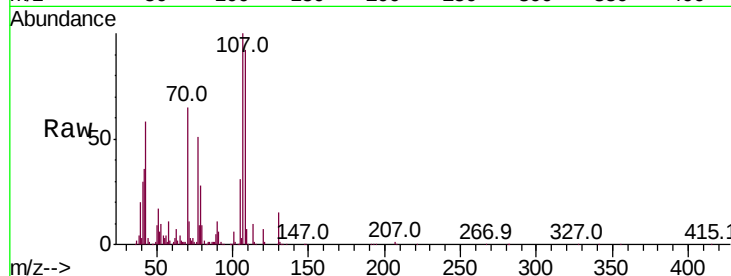
#19
n-Nitroso-di-n-propylamine
Concen: 29.306 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.4	42.6	63.8	
101	10.0	8.0	12.0	
130	23.9	19.4	29.0	

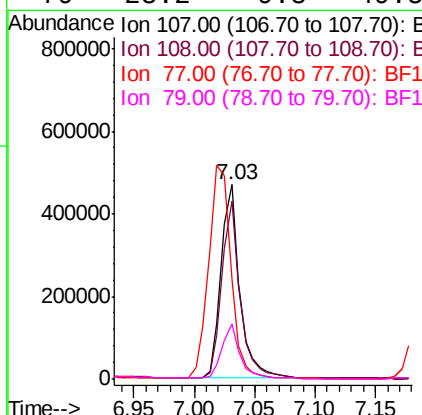
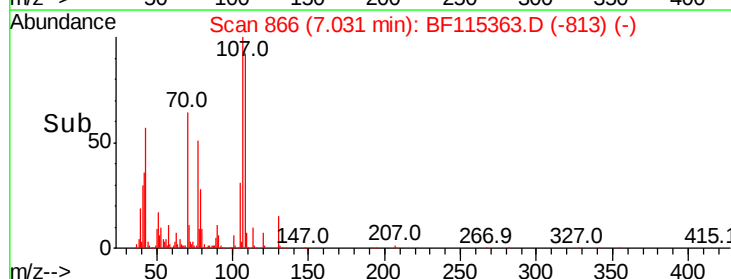
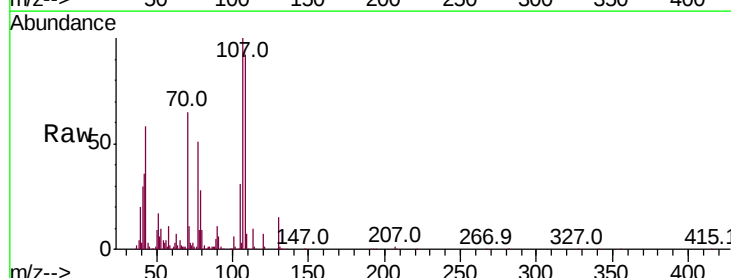
Manual Integrations
APPROVED

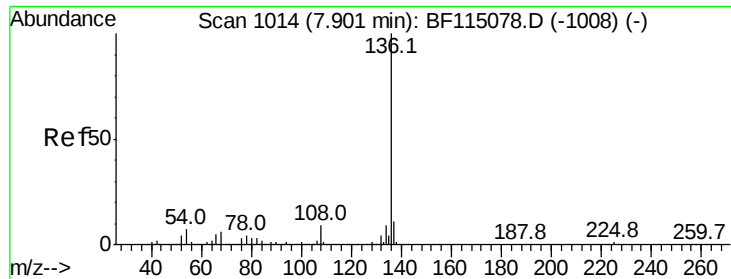
mohammad
7/3/2019 10:51:45 PM



#20
3+4-Methylphenols
Concen: 32.838 ng
RT: 7.03 min Scan# 866
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	91.8	75.5	115.5	
77	51.4	80.2	120.2#	
79	28.2	9.5	49.5	





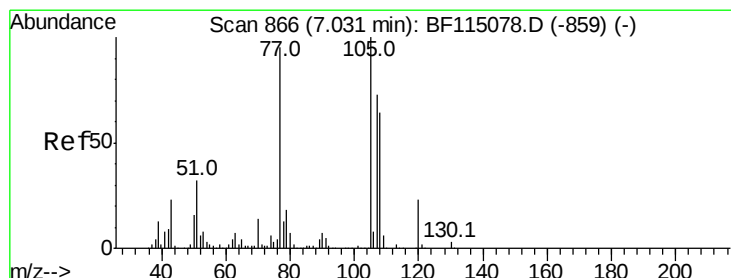
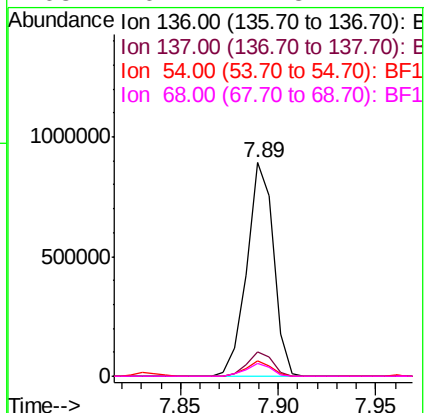
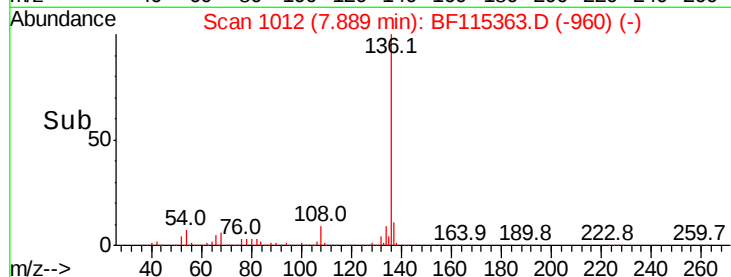
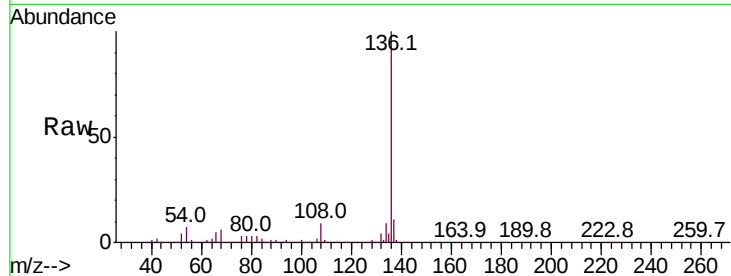
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.89 min Scan# 1012
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.9	13.3	
54	7.0	5.6	8.4	
68	6.2	4.8	7.2	

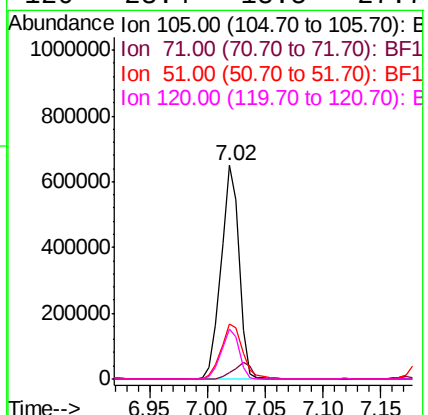
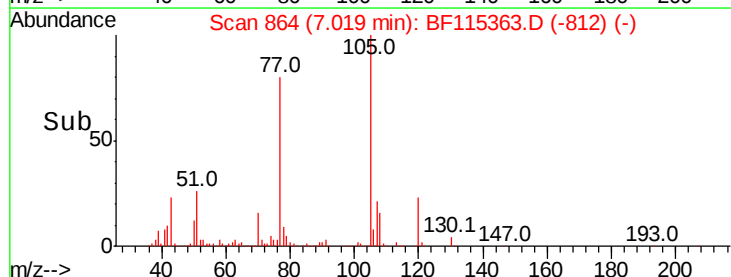
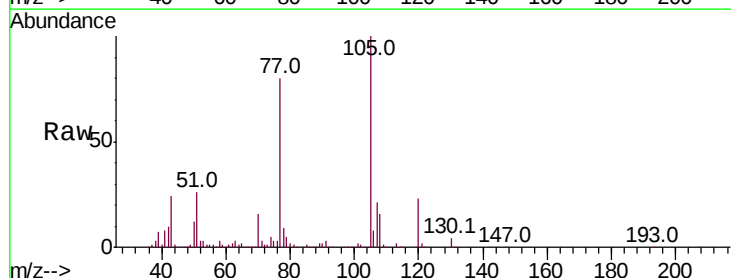
Manual Integrations
APPROVED

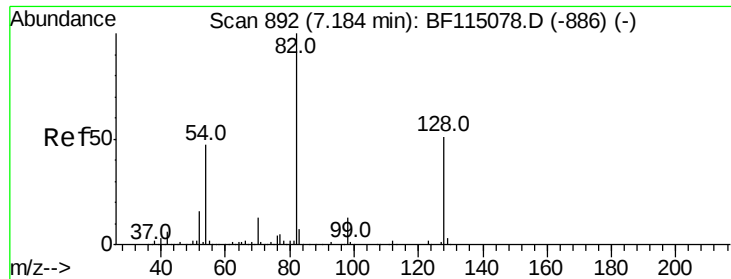
mohammad
7/3/2019 10:51:45 PM



#22
Acetophenone
Concen: 36.170 ng
RT: 7.02 min Scan# 864
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	2.8	1.9	2.9	
51	26.0	25.8	38.8	
120	23.4	18.5	27.7	





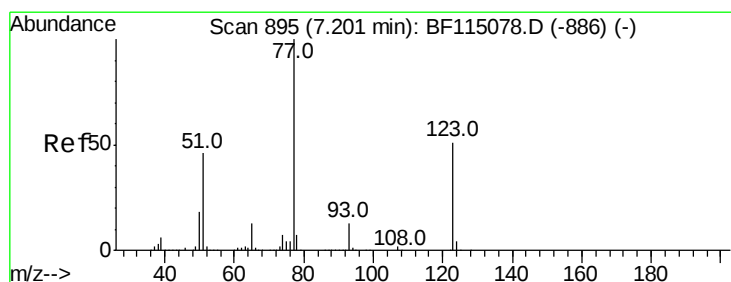
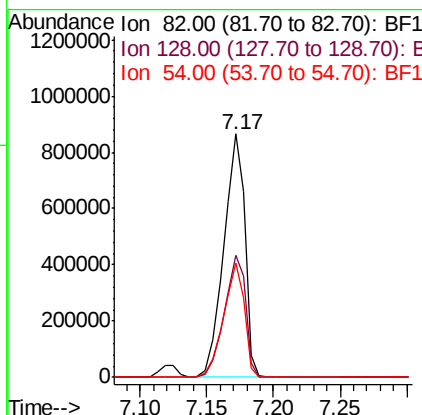
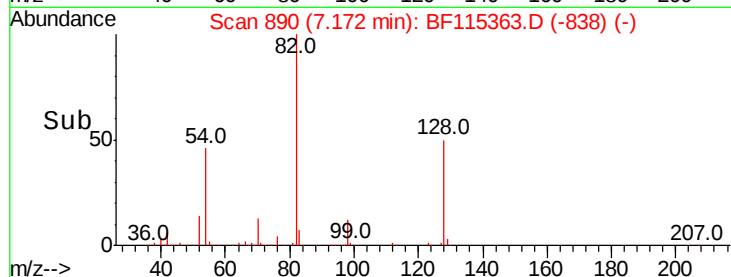
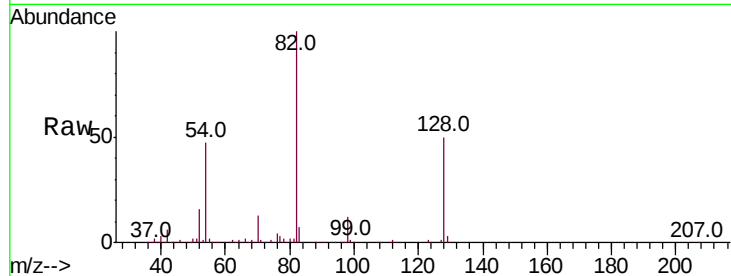
#23
Nitrobenzene-d5
Concen: 70.261 ng
RT: 7.17 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100	969430		
128	50.3		40.4	60.6
54	47.1		37.5	56.3

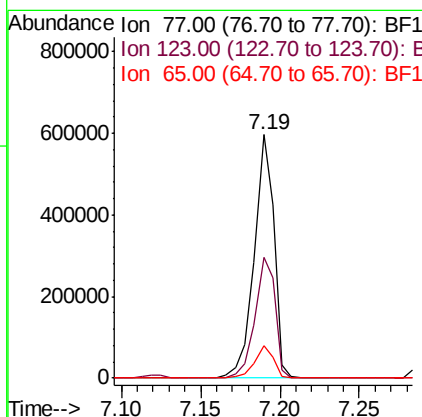
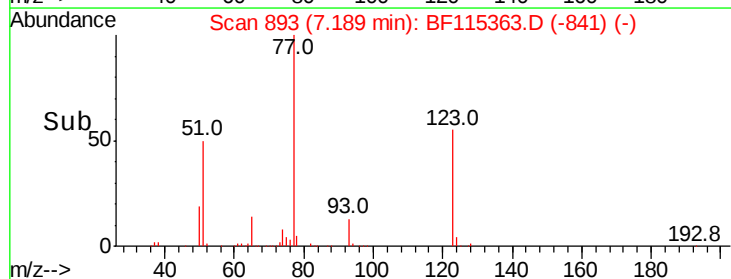
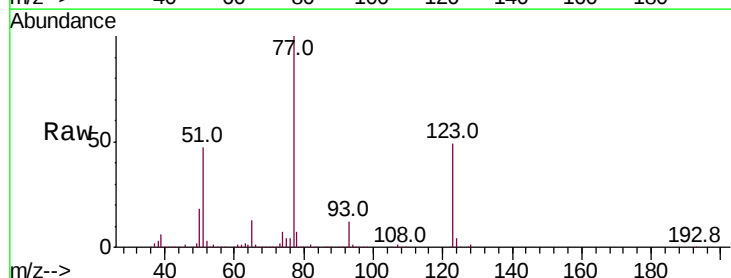
Manual Integrations
APPROVED

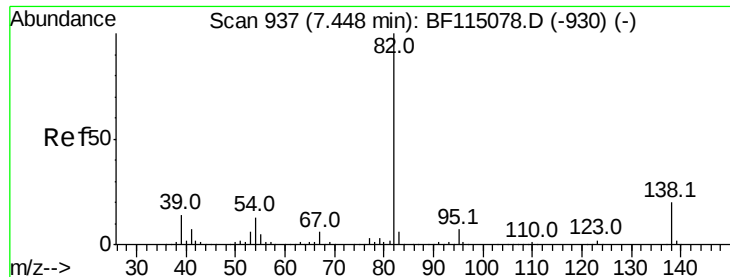
mohammad
7/3/2019 10:51:45 PM



#24
Nitrobenzene
Concen: 33.658 ng
RT: 7.19 min Scan# 893
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
77	100	511626		
123	49.5		41.0	61.6
65	13.1		10.5	15.7





#25

Isophorone

Concen: 32.458 ng

RT: 7.44 min Scan# 935

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

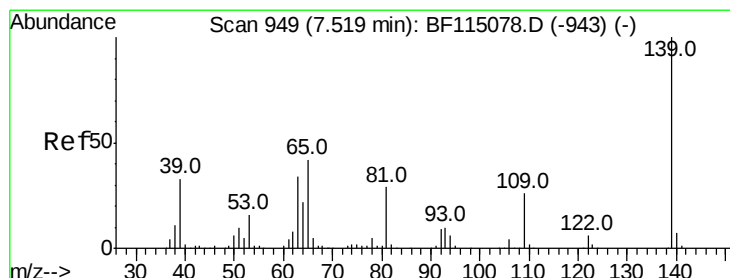
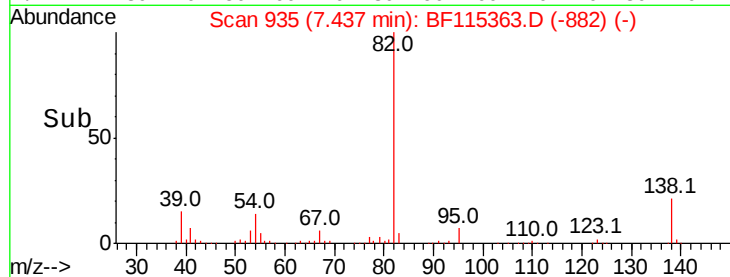
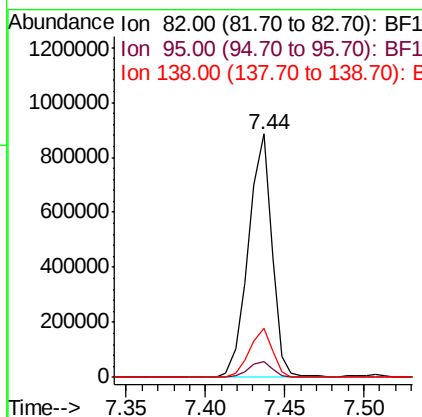
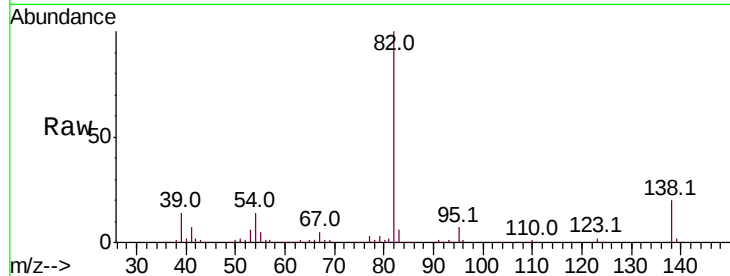
ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:	82	Resp:	917418
Ion Ratio	Lower	Upper	
82	100		
95	6.7	5.4	8.2
138	20.3	15.9	23.9

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM



#26

2-Nitrophenol

Concen: 38.065 ng

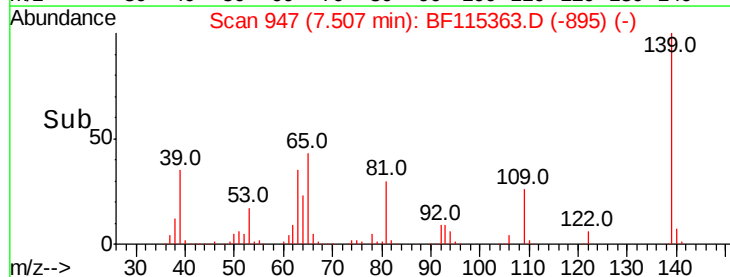
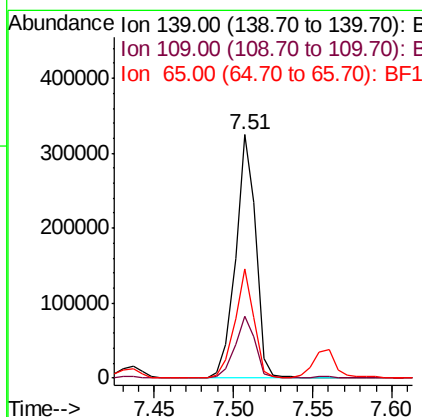
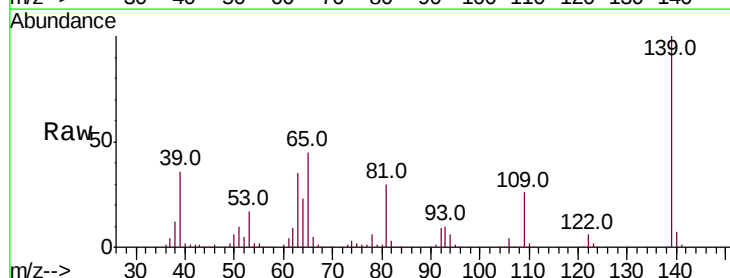
RT: 7.51 min Scan# 947

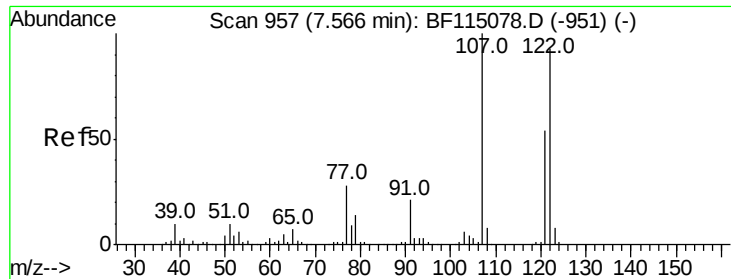
Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Tgt Ion:	139	Resp:	285745
Ion Ratio	Lower	Upper	
139	100		
109	25.7	20.4	30.6
65	44.7	33.6	50.4





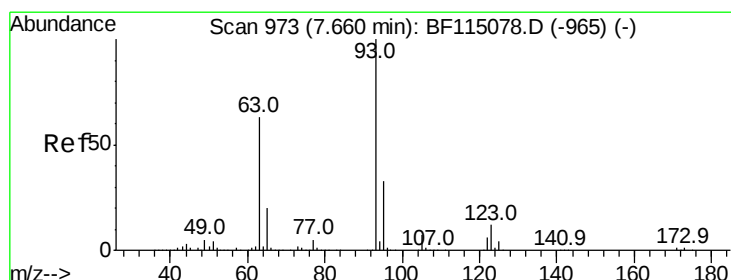
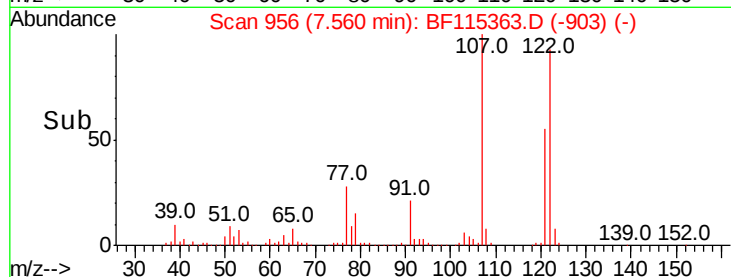
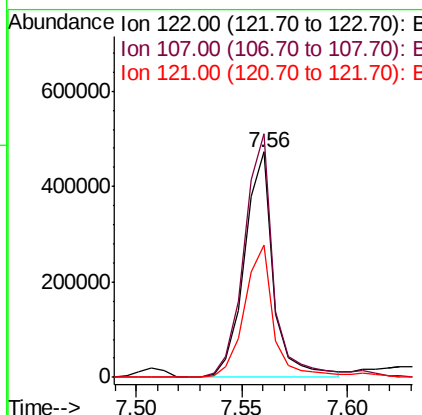
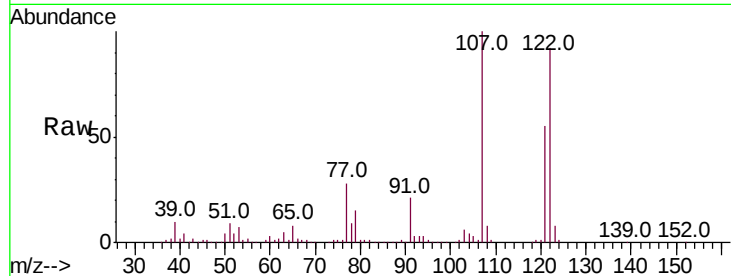
#27
2,4-Dimethylphenol
Concen: 36.535 ng
RT: 7.56 min Scan# 956
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	108.1	85.8	128.6
121	59.0	46.3	69.5

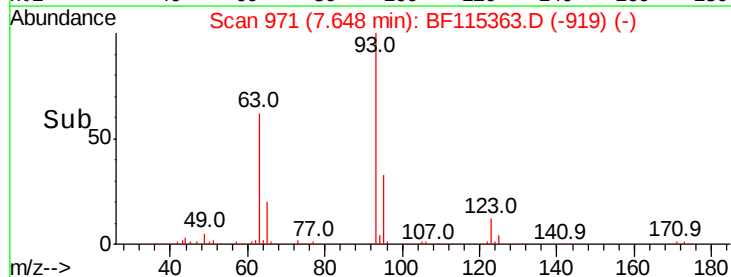
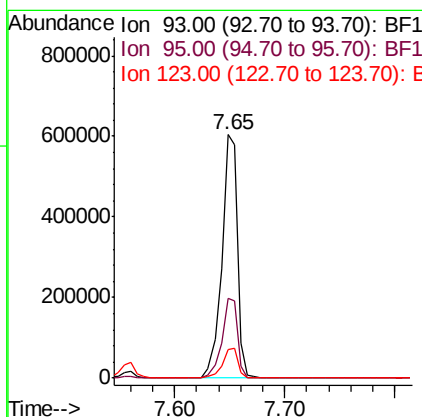
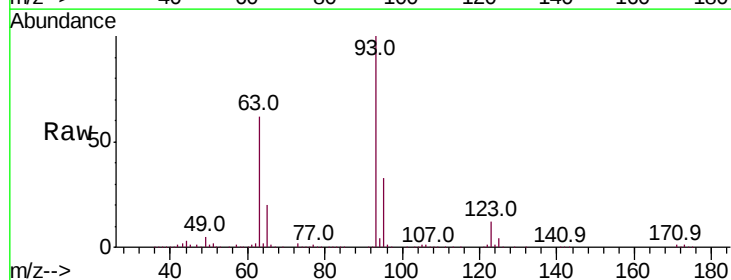
Manual Integrations
APPROVED

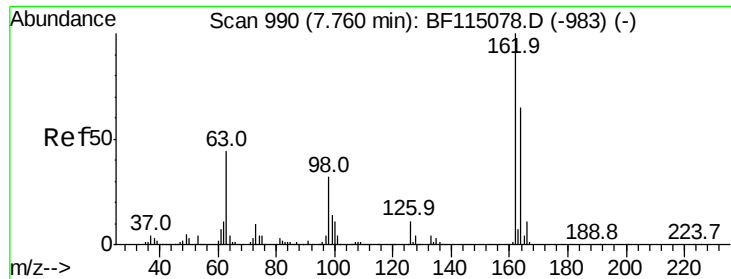
mohammad
7/3/2019 10:51:45 PM



#28
bis(2-Chloroethoxy)methane
Concen: 33.235 ng
RT: 7.65 min Scan# 971
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.9	26.2	39.4
123	11.8	9.7	14.5





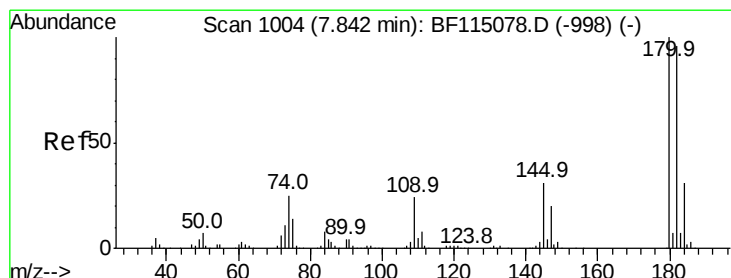
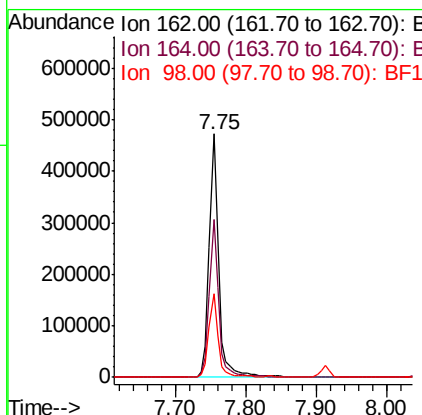
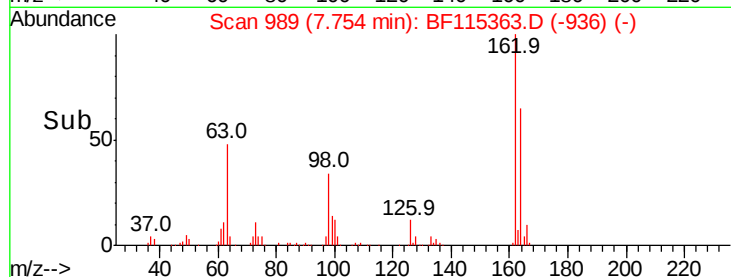
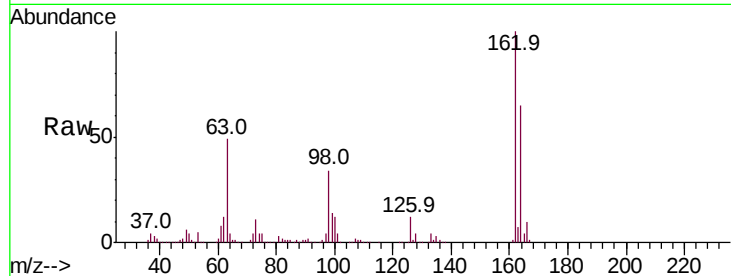
#29
 2,4-Dichlorophenol
 Concen: 35.128 ng
 RT: 7.75 min Scan# 989
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tot Ion:	162	Resp:	445556
Ion Ratio	Lower	Upper	
162	100		
164	64.8	45.3	85.3
98	34.3	12.5	52.5

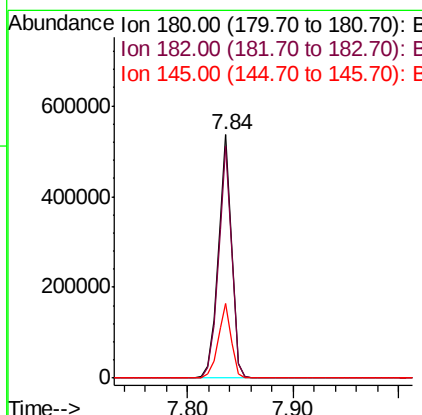
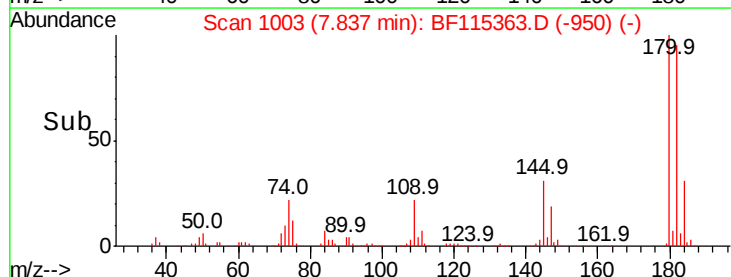
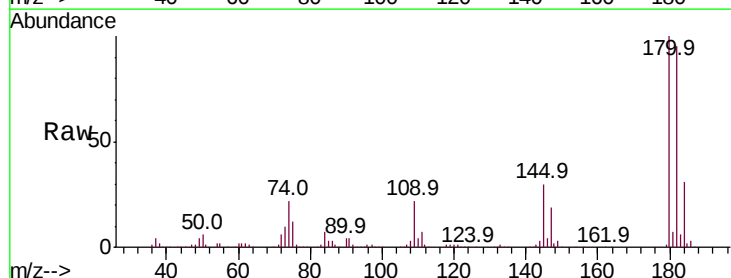
Manual Integrations
 APPROVED

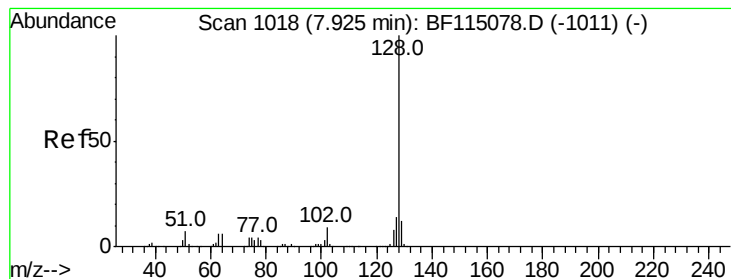
mohammad
 7/3/2019 10:51:45 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 34.379 ng
 RT: 7.84 min Scan# 1003
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion:	180	Resp:	481667
Ion Ratio	Lower	Upper	
180	100		
182	95.4	76.4	114.6
145	30.5	24.8	37.2





#31

Naphthalene

Concen: 35.396 ng

RT: 7.91 min Scan# 1016

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:128 Resp: 1474744

Ion Ratio Lower Upper

128 100

129 12.1 9.6 14.4

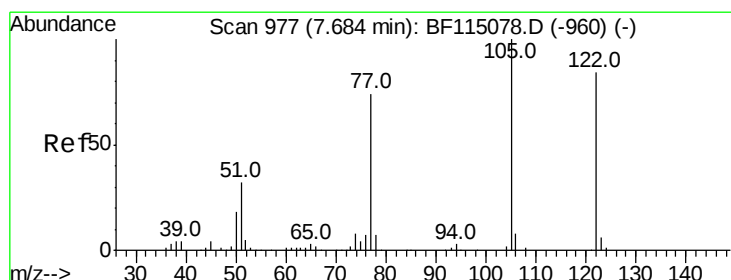
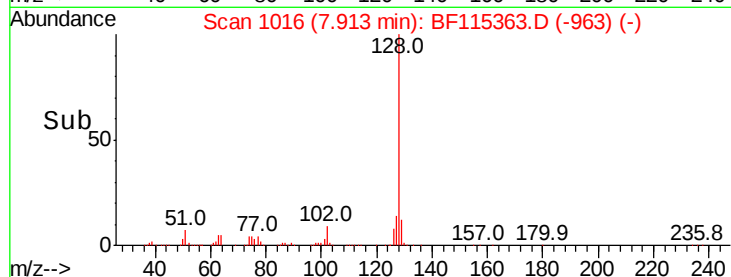
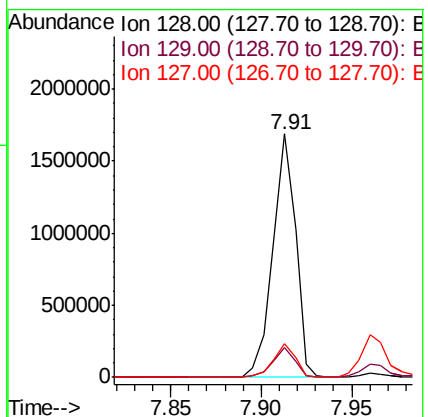
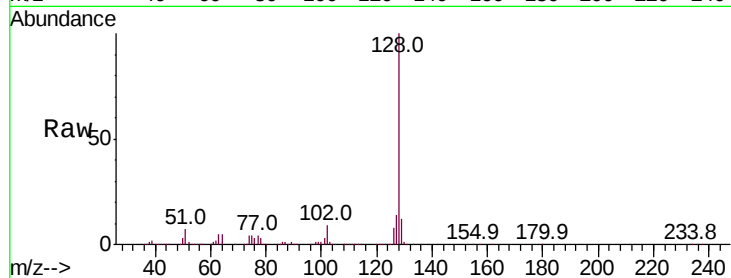
127 14.1 11.4 17.0

Manual Integrations

APPROVED

mohammad

7/3/2019 10:51:45 PM



#32

Benzoic acid

Concen: 6.695 ng m

RT: 7.62 min Scan# 967

Delta R.T. -0.04 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

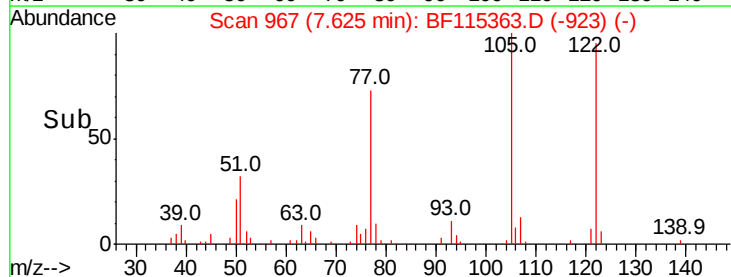
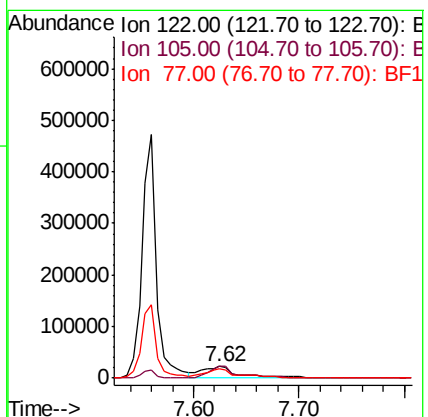
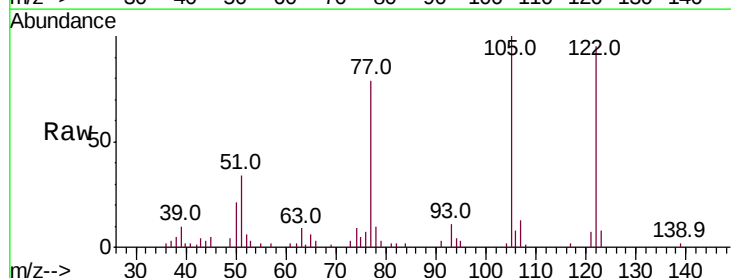
Tgt Ion:122 Resp: 58737

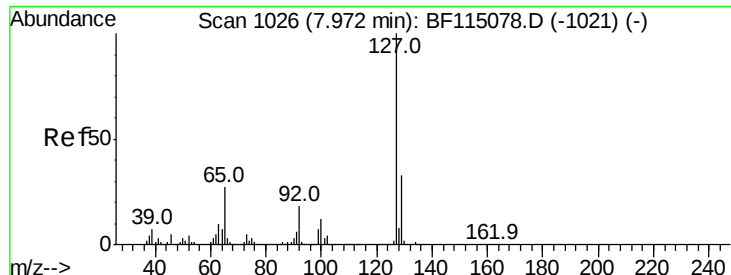
Ion Ratio Lower Upper

122 100

105 105.5 98.2 138.2

77 83.5 67.0 107.0





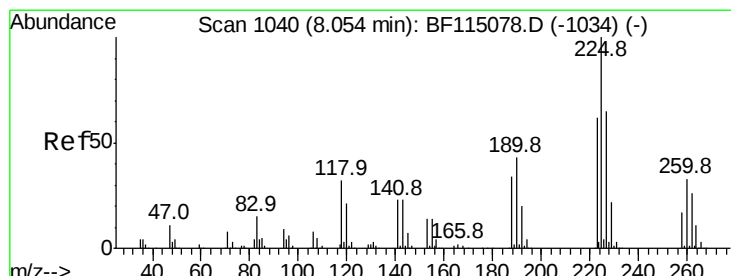
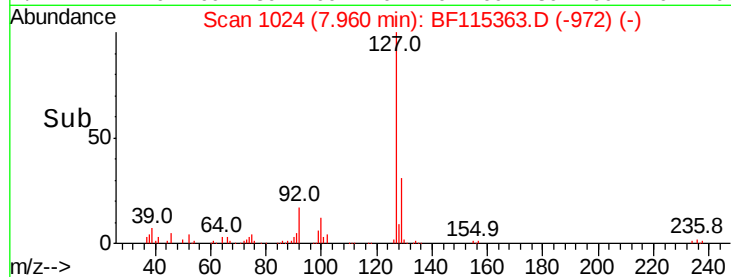
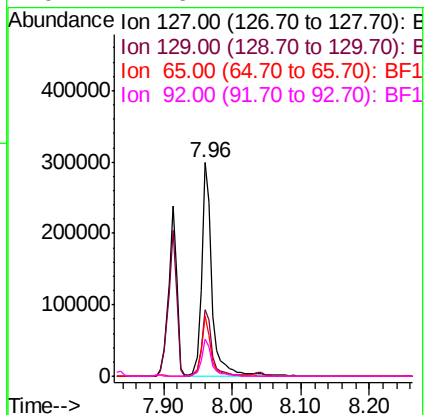
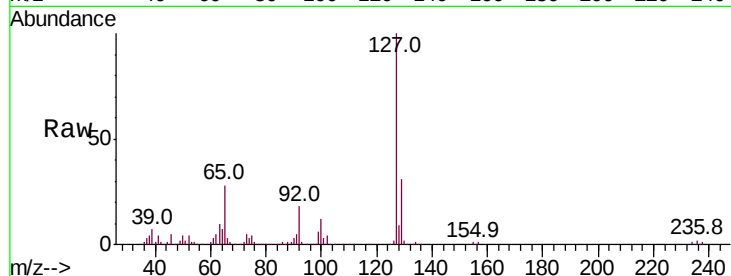
#33
 4-Chloroaniline
 Concen: 17.022 ng
 RT: 7.96 min Scan# 1024
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	31.3	26.1	39.1		
65	28.2	21.4	32.2		
92	17.6	14.1	21.1		

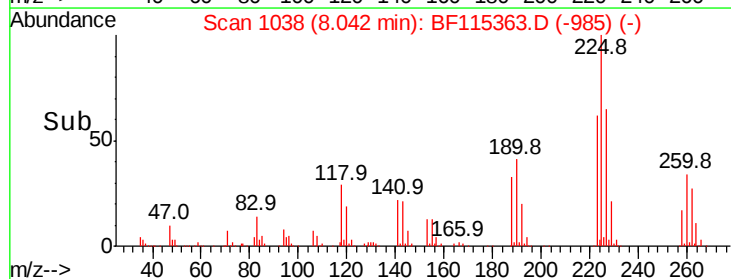
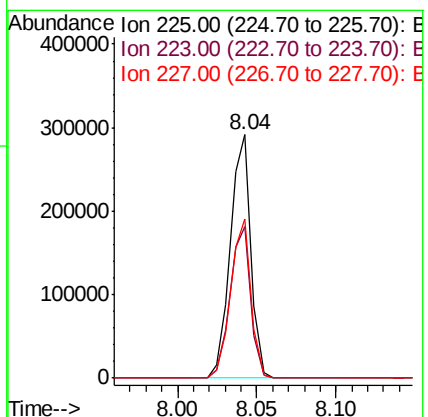
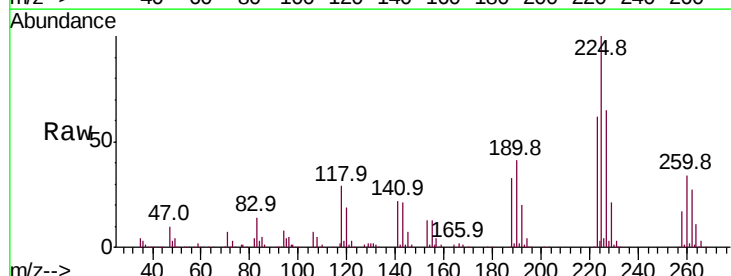
Manual Integrations
 APPROVED

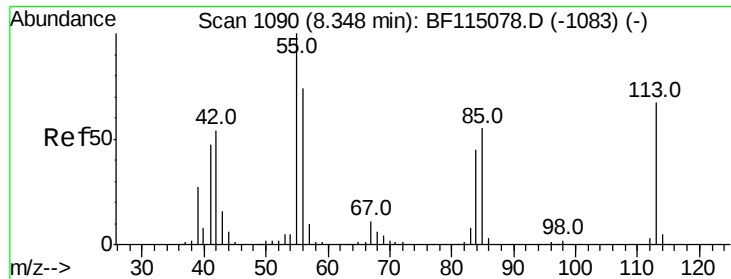
mohammad
 7/3/2019 10:51:45 PM



#34
 Hexachlorobutadiene
 Concen: 34.039 ng
 RT: 8.04 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	62.3	49.4	74.2		
227	65.3	51.8	77.8		





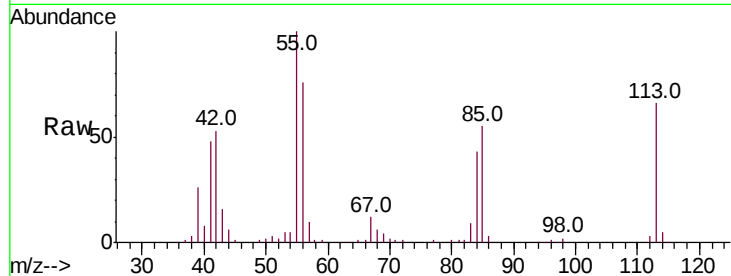
#35
Caprolactam
Concen: 33.871 ng/ml
RT: 8.32 min Scan# 1086
Delta R.T. 0.00 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleID :
HJDC-COMP-1MSD

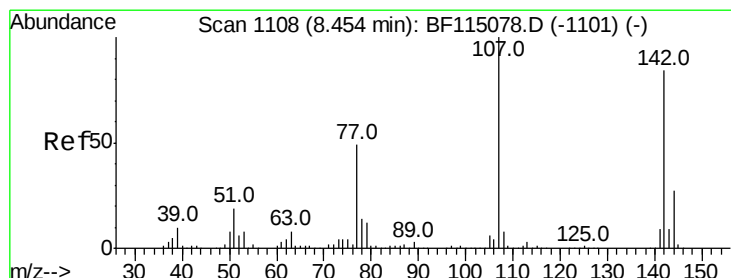
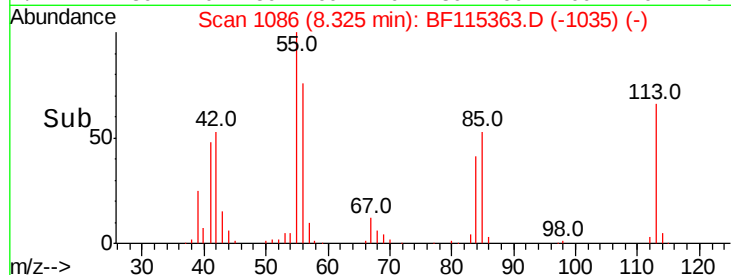
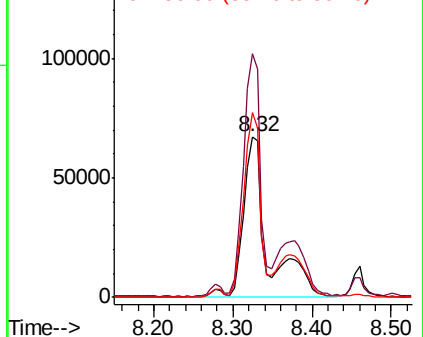
Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	151.2	130.2	170.2	
56	114.8	91.6	131.6	

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM

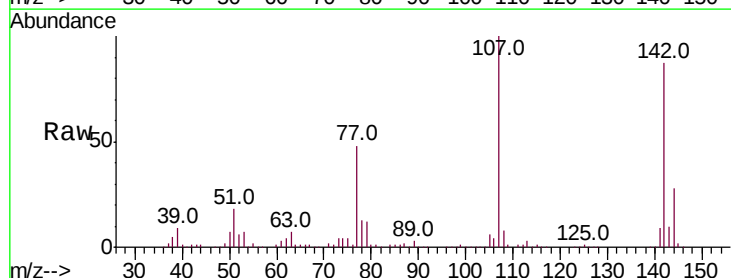


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

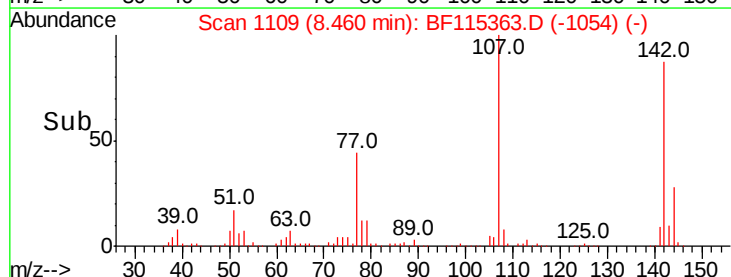
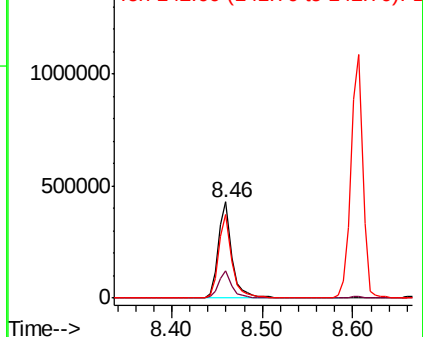


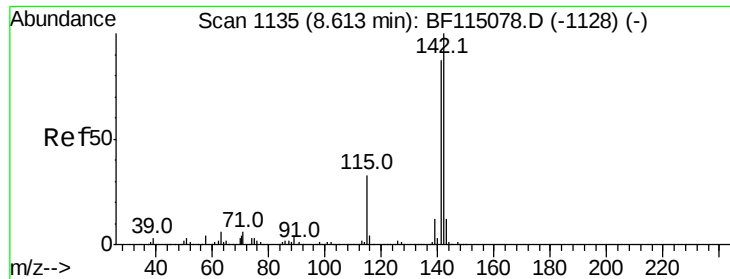
#36
4-Chloro-3-methylphenol
Concen: 34.456 ng
RT: 8.46 min Scan# 1109
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	28.4	21.7	32.5	
142	86.6	67.0	100.4	



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 34.899 ng

RT: 8.61 min Scan# 1134

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

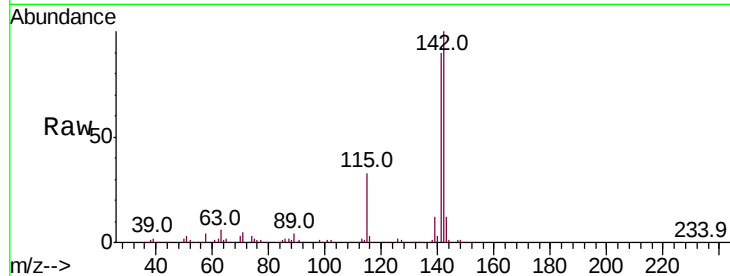
Instrument :
BNA_F

ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
142	100	980379		
141	90.2		69.8	104.6
115	32.8		26.7	40.1

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM

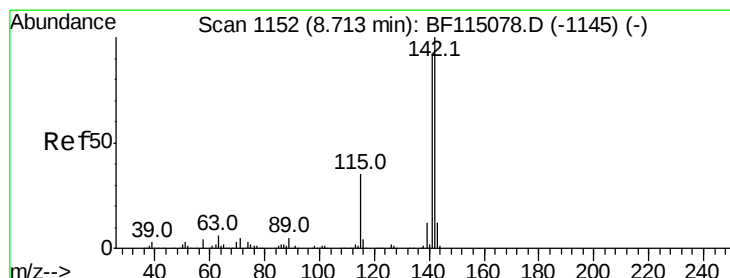
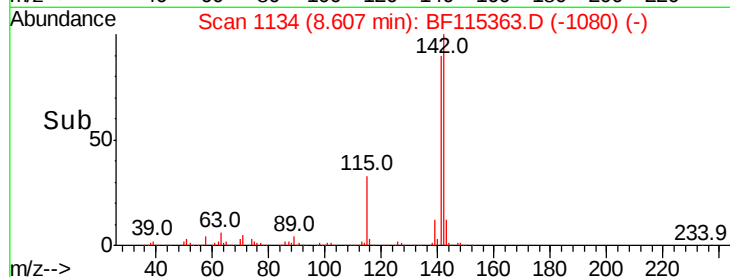
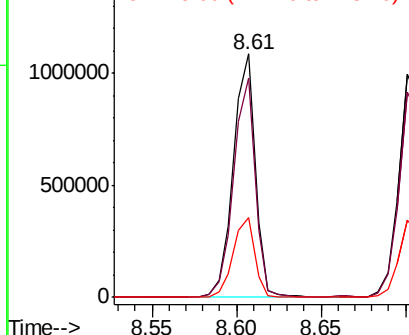


Abundance

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: 34.314 ng

RT: 8.70 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

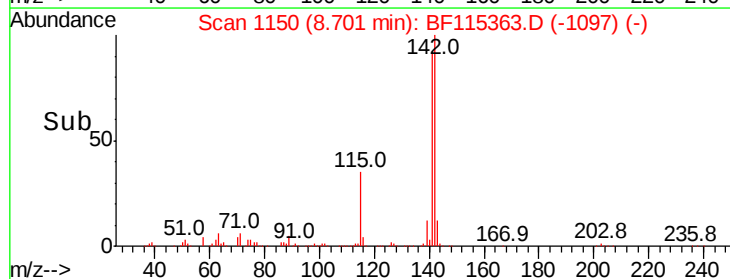
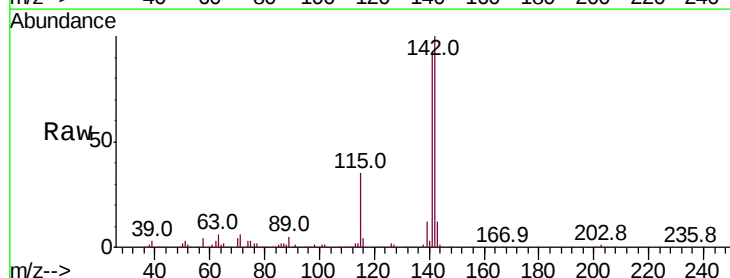
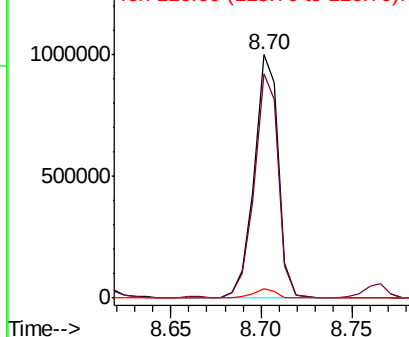
Tgt Ion	Ratio	Resp	Lower	Upper
142	100	920636		
141	92.0		73.8	110.8
116	3.7		2.8	4.2

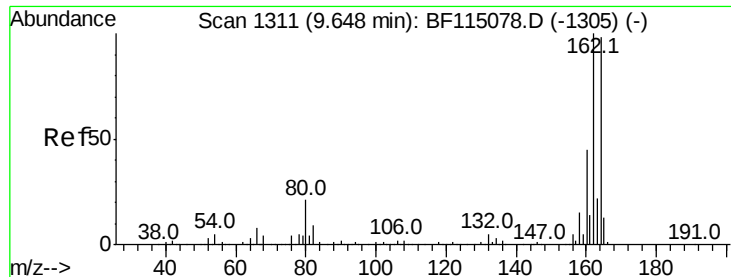
Abundance

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





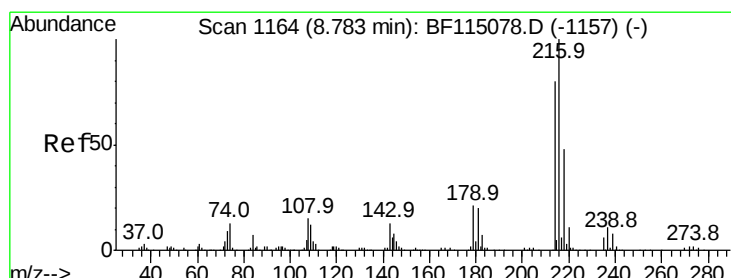
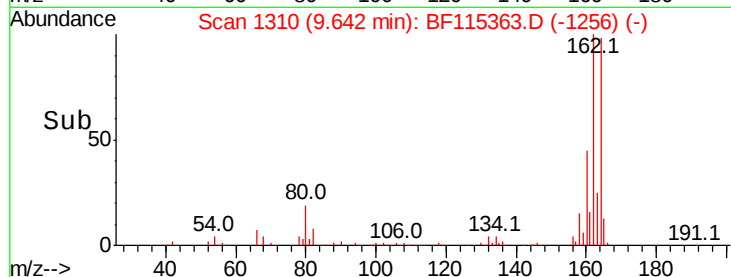
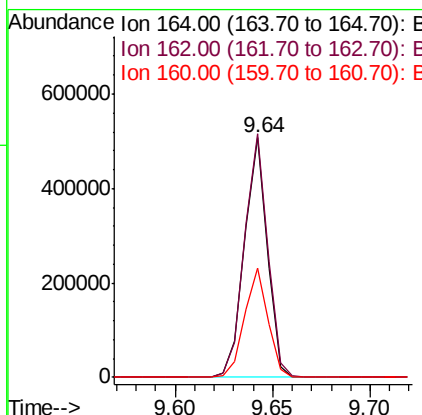
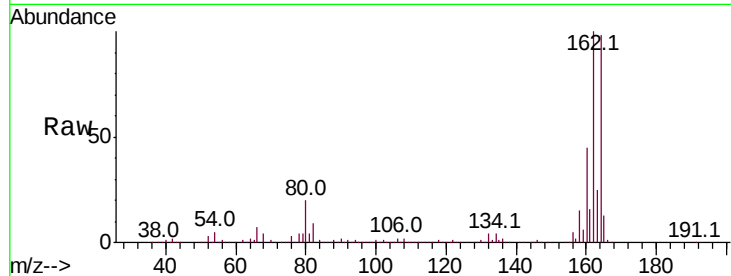
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.64 min Scan# 1310
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.7	122.5
160	45.6	37.0	55.4

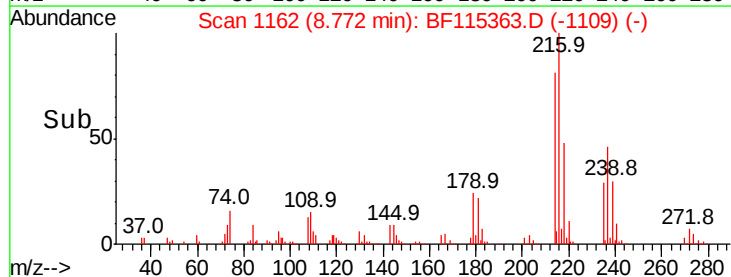
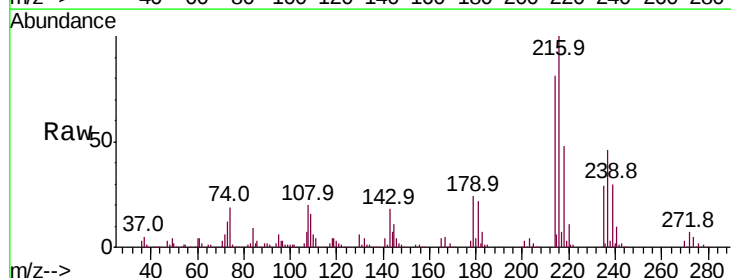
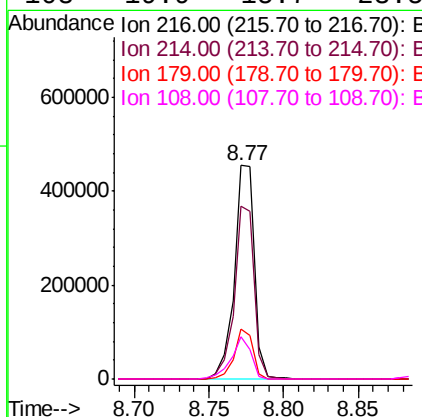
Manual Integrations
APPROVED

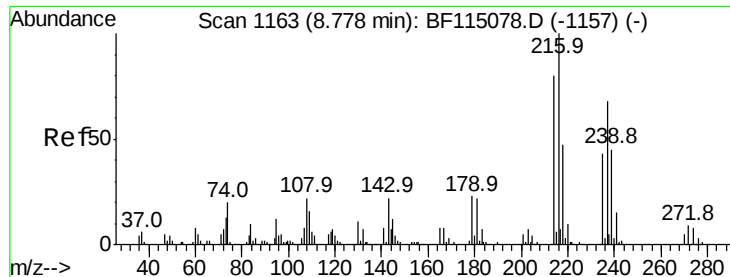
mohammad
7/3/2019 10:51:45 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.846 ng
RT: 8.77 min Scan# 1162
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.8	63.8	95.6
179	22.1	17.6	26.4
108	19.9	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 62.568 ng

RT: 8.77 min Scan# 1161

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

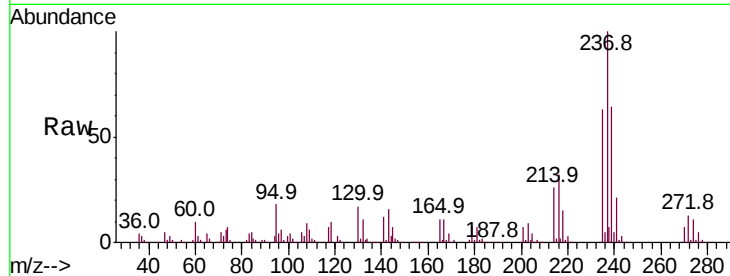
ClientSampleId :

HJDC-COMP-1MSD

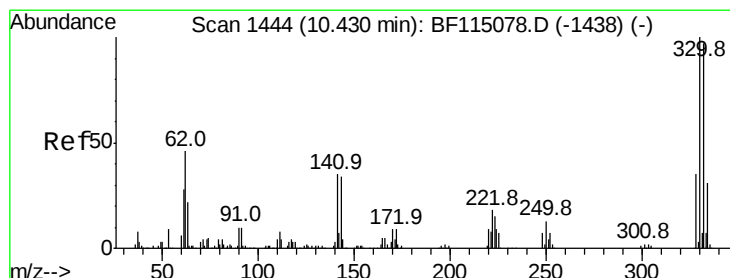
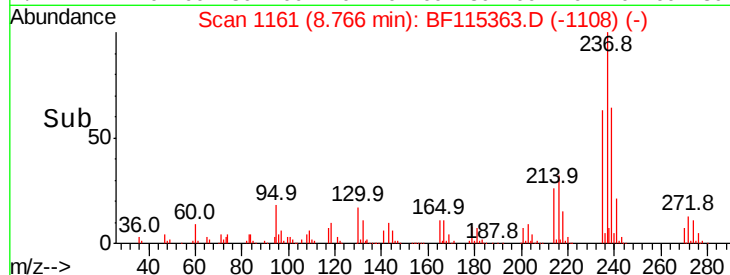
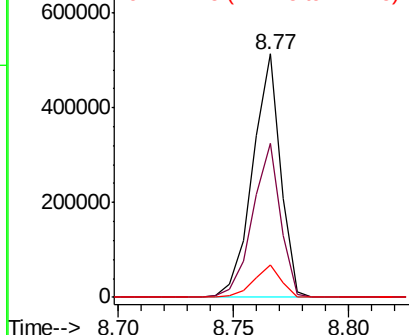
Tot Ion:	237	Resp:	432901
Ion Ratio	Lower	Upper	
237	100		
235	63.4	43.9	83.9
272	13.1	0.0	33.8

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 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: 99.037 ng

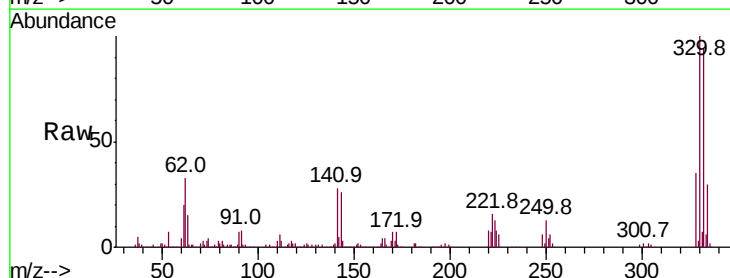
RT: 10.43 min Scan# 1444

Delta R.T. 0.02 min

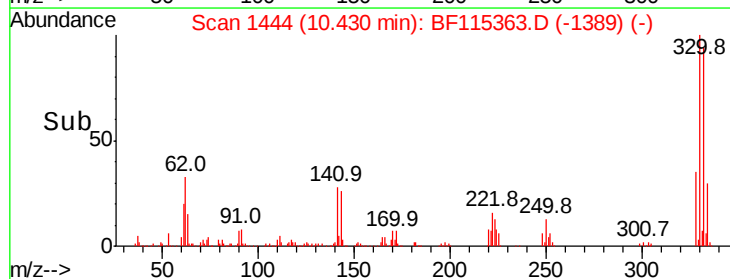
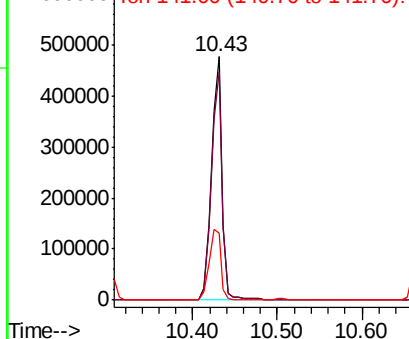
Lab File: BF115363.D

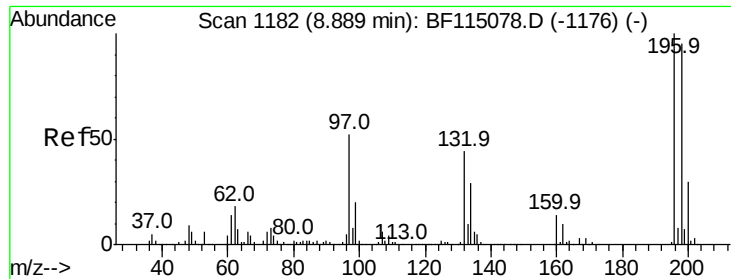
Acq: 2 Jul 2019 16:54

Tgt Ion:	330	Resp:	431240
Ion Ratio	Lower	Upper	
330	100		
332	94.7	77.3	115.9
141	32.3	28.2	42.2



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





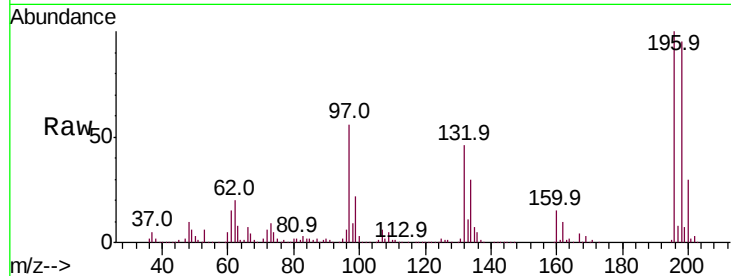
#43
 2,4,6-Trichlorophenol
 Concen: 34.704 ng
 RT: 8.88 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	312623		
198	94.9	76.3	114.5	
200	30.2	24.2	36.4	

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:51:45 PM

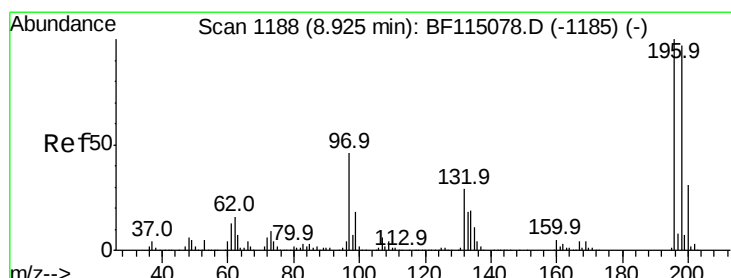
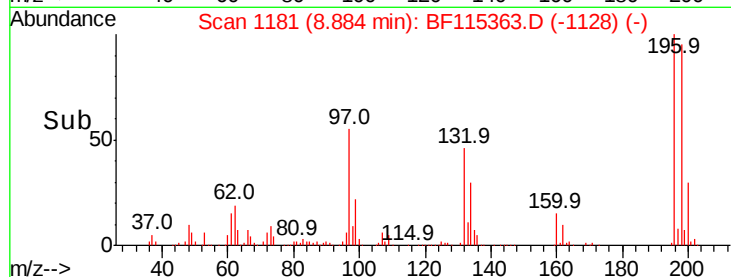
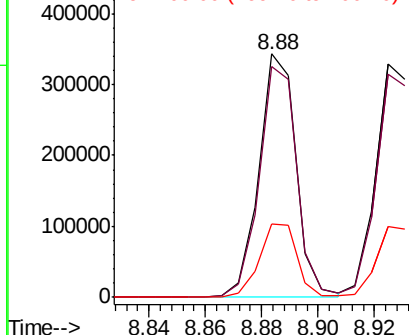


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 37.472 ng
 RT: 8.92 min Scan# 1188
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	347620		
198	95.4	77.1	115.7	
97	48.1	37.7	56.5	
132	28.8	23.1	34.7	

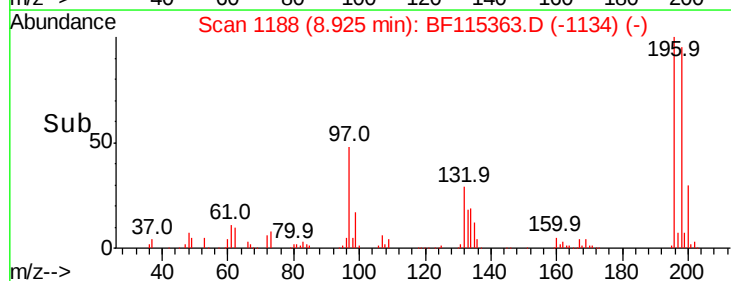
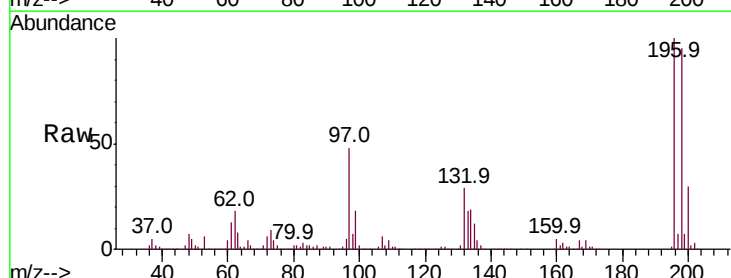
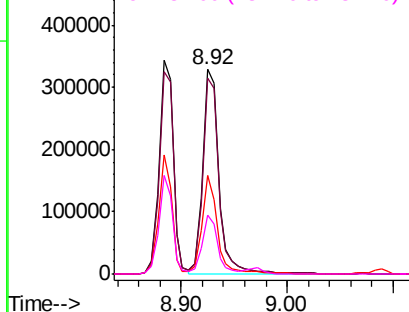
Abundance

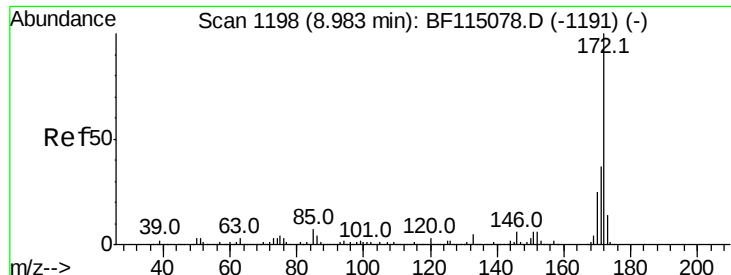
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BF1

Ion 132.00 (131.70 to 132.70): E





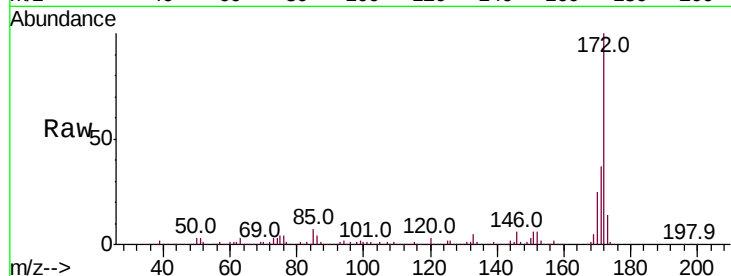
#45
2-Fluorobiphenyl
Concen: 67.131 ng
RT: 8.97 min Scan# 1196
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

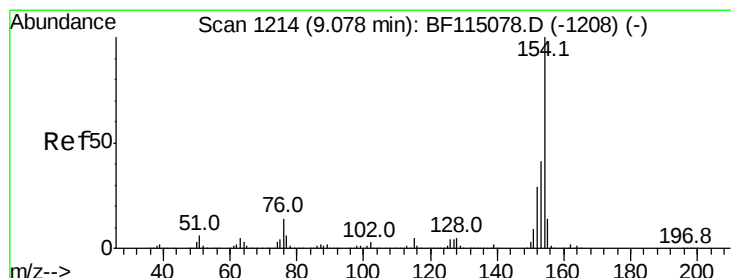
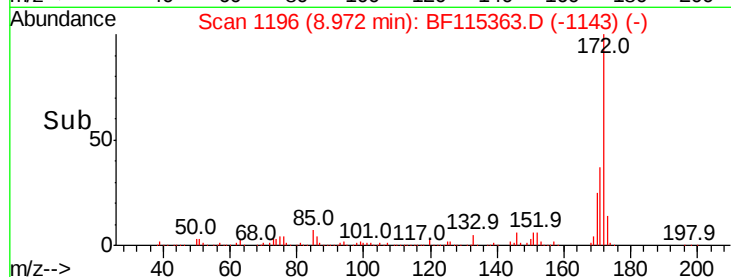
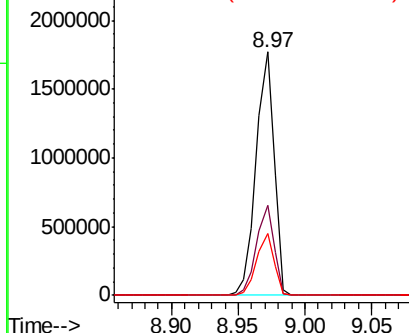
Tot Ion	Ratio	Lower	Upper
172	100		
171	37.0	29.8	44.6
170	25.3	20.3	30.5

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM

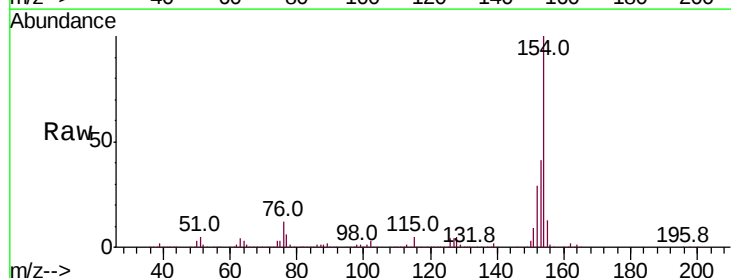


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

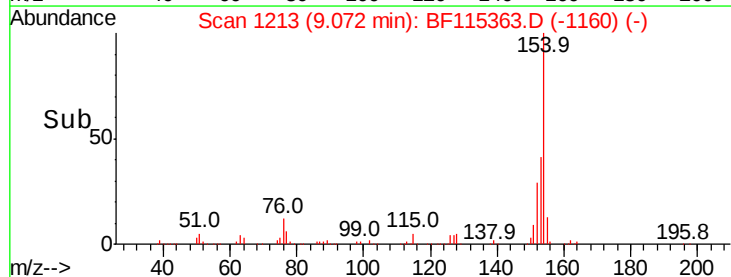
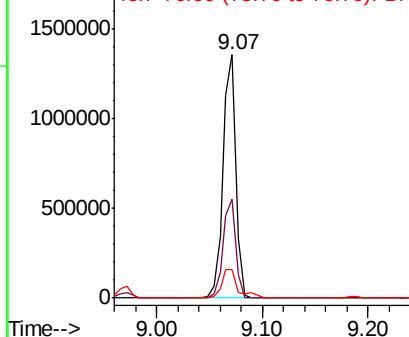


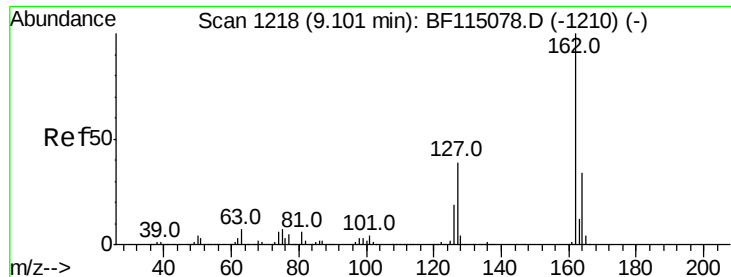
#46
1,1'-Biphenyl
Concen: 34.919 ng
RT: 9.07 min Scan# 1213
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	20.9	60.9
76	12.0	0.0	34.1



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





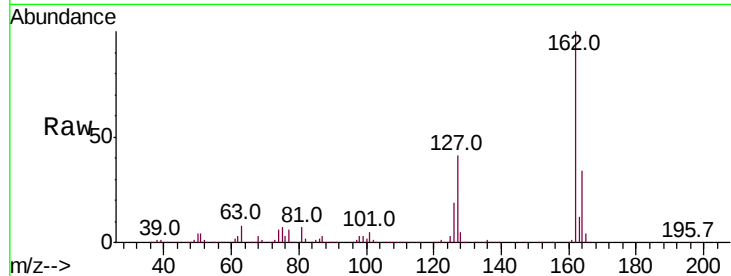
#47
 2-Chloronaphthalene
 Concen: 34.299 ng
 RT: 9.09 min Scan# 1216
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

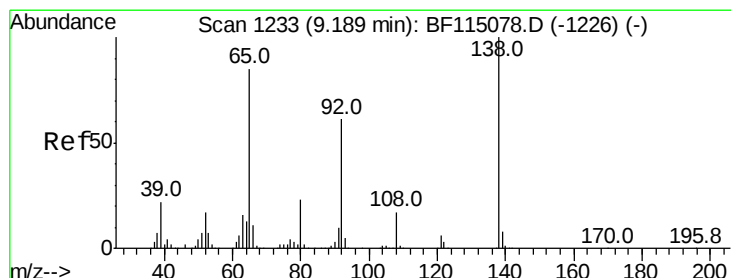
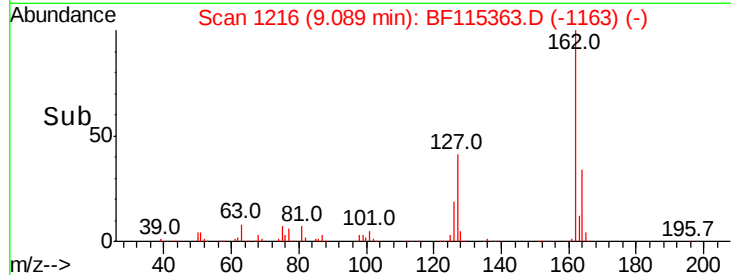
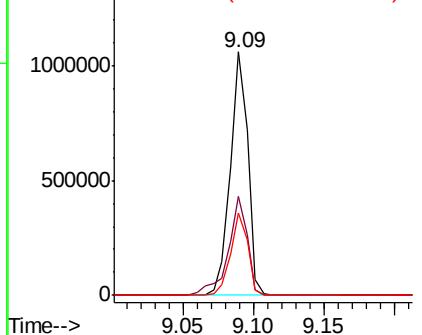
Tot Ion	Ratio	Resp	Lower	Upper
162	100	919211		
127	40.8	30.8	46.2	
164	33.6	27.0	40.4	

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:51:45 PM

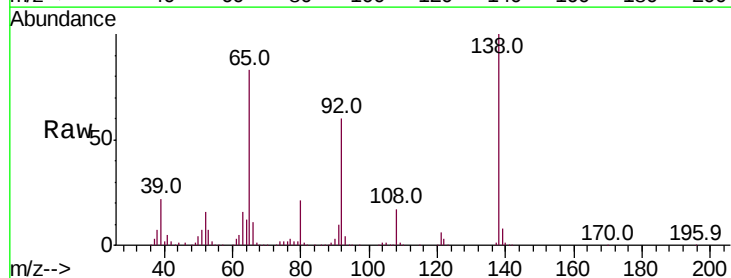


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

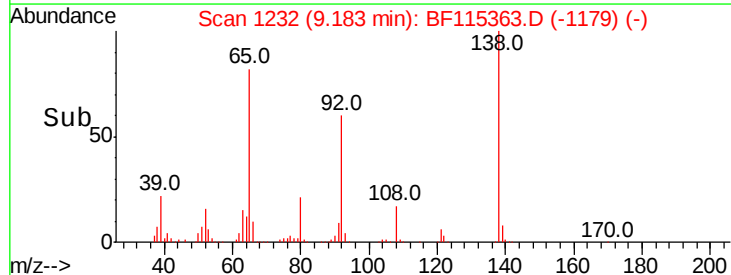
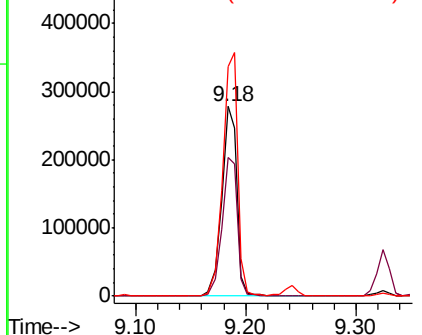


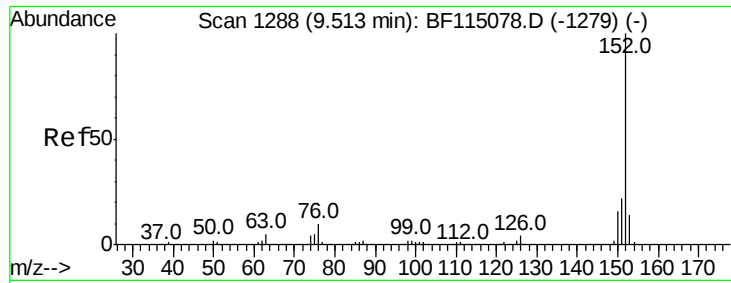
#48
 2-Nitroaniline
 Concen: 34.048 ng
 RT: 9.18 min Scan# 1232
 Delta R.T. 0.01 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	266026		
92	72.9	57.4	86.2	
138	121.2	94.1	141.1	



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





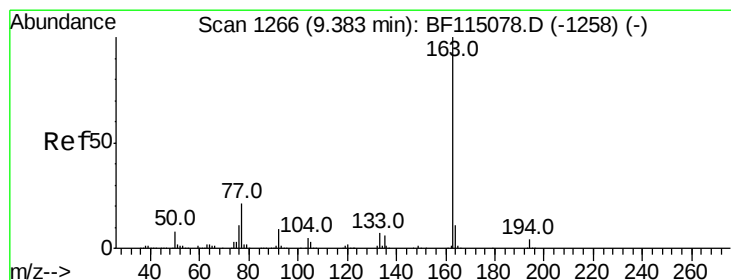
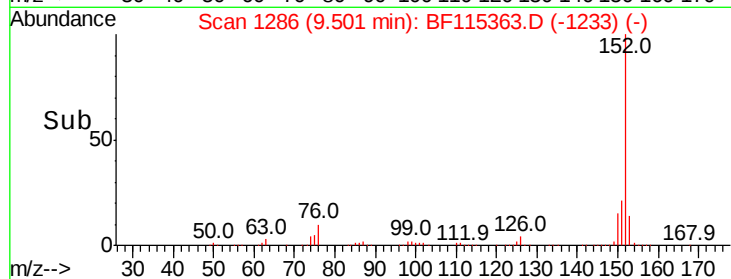
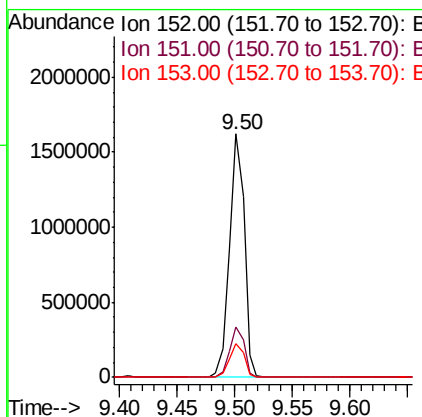
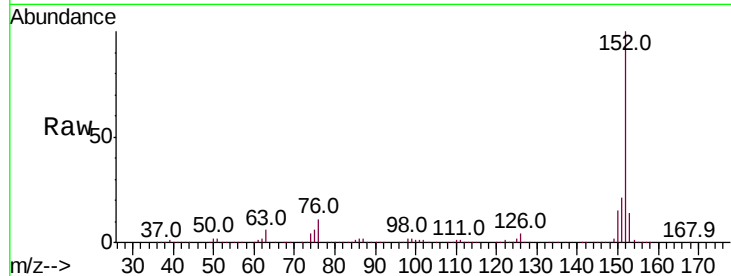
#49
Acenaphthylene
Concen: 34.490 ng
RT: 9.50 min Scan# 1286
Delta R.T. 0.01 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion:	152	Resp:	1440141
Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	13.9	11.0	16.6

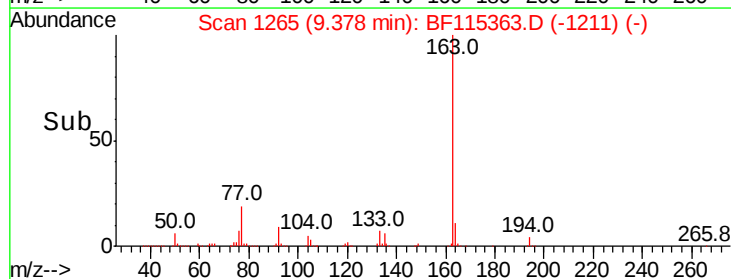
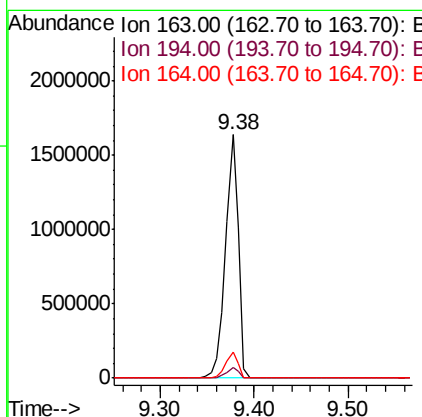
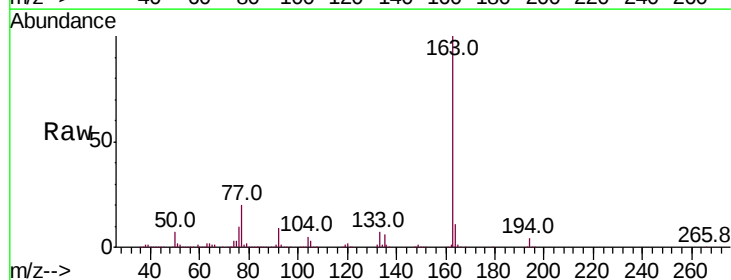
Manual Integrations
APPROVED

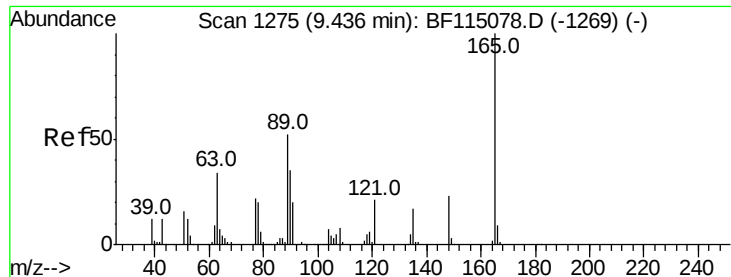
mohammad
7/3/2019 10:51:45 PM



#50
Dimethylphthalate
Concen: 51.206 ng
RT: 9.38 min Scan# 1265
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:	163	Resp:	1555601
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	10.6	8.6	13.0





#51

2,6-Dinitrotoluene

Concen: 35.635 ng

RT: 9.43 min Scan# 1274

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

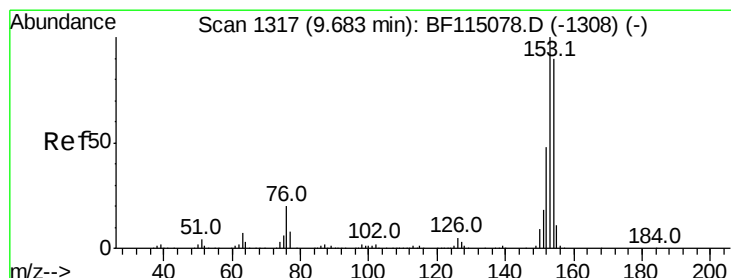
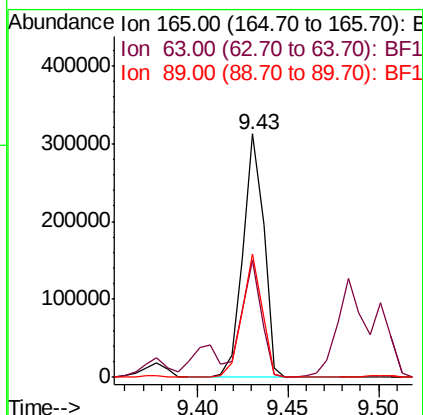
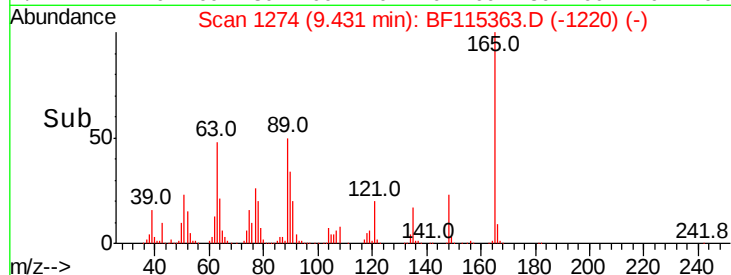
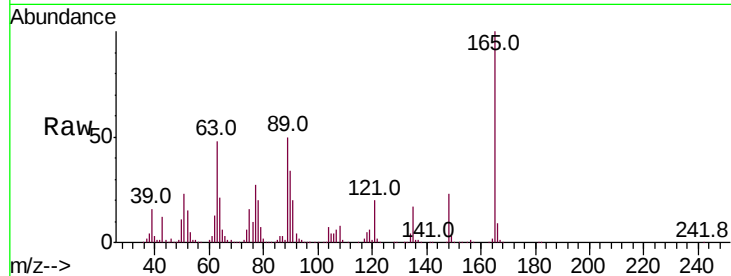
ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:	165	Resp:	249927
Ion Ratio	Lower	Upper	
165	100		
63	48.1	39.4	59.2
89	50.5	42.0	63.0

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM



#52

Acenaphthene

Concen: 32.079 ng

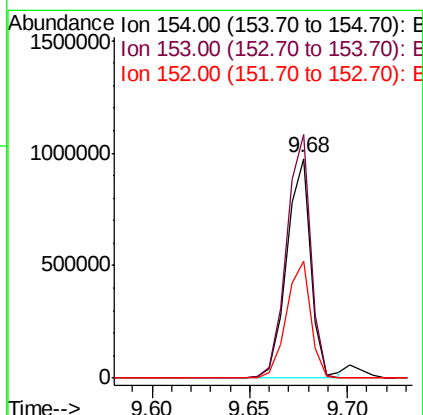
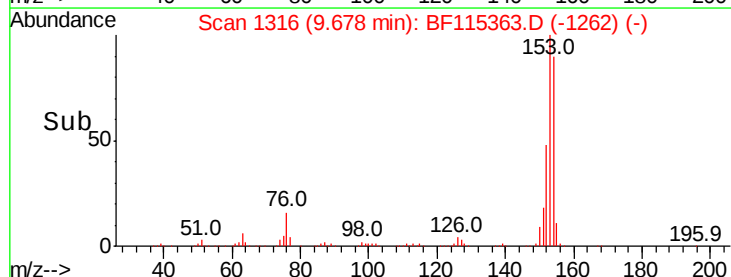
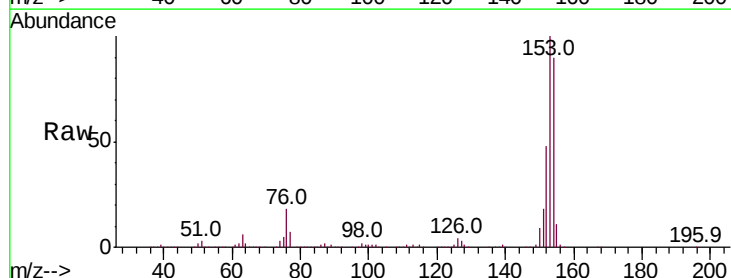
RT: 9.68 min Scan# 1316

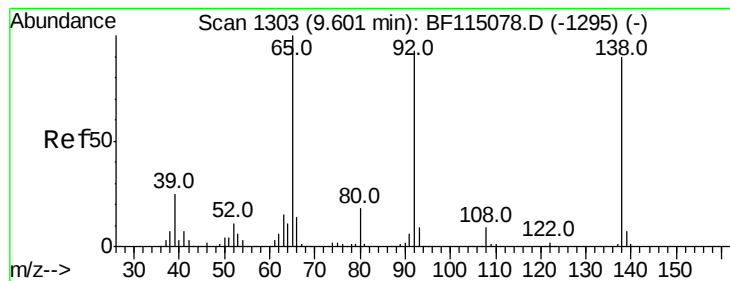
Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Tgt Ion:	154	Resp:	838162
Ion Ratio	Lower	Upper	
154	100		
153	111.0	88.7	133.1
152	53.5	42.6	64.0





#53

3-Nitroaniline

Concen: 27.512 ng

RT: 9.60 min Scan# 1302

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:138 Resp: 235476

Ion Ratio Lower Upper

138 100

108 9.5 7.8 11.6

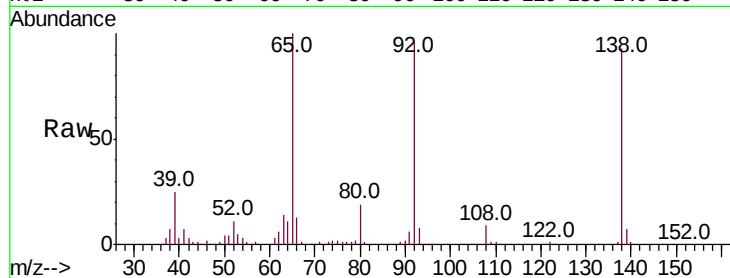
92 103.9 82.9 124.3

Manual Integrations

APPROVED

mohammad

7/3/2019 10:51:45 PM

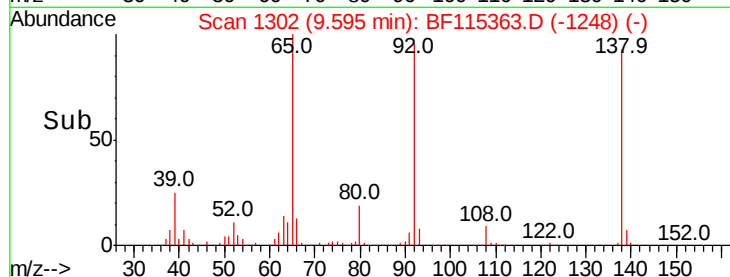


Abundance Ion 138.00 (137.70 to 138.70): E

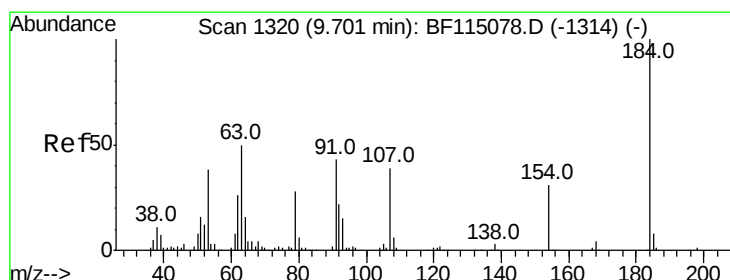
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

9.60



Time-->



#54

2,4-Dinitrophenol

Concen: 29.459 ng

RT: 9.70 min Scan# 1320

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

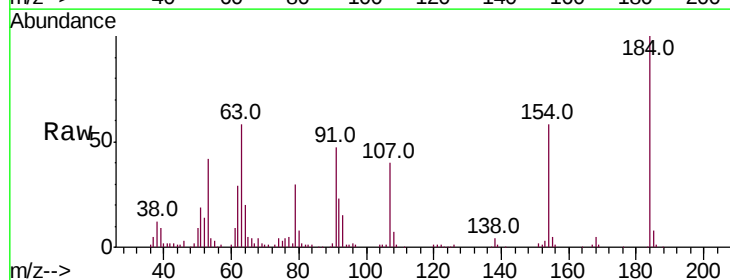
Tgt Ion:184 Resp: 87882

Ion Ratio Lower Upper

184 100

63 57.6 41.9 62.9

154 58.3 44.7 67.1

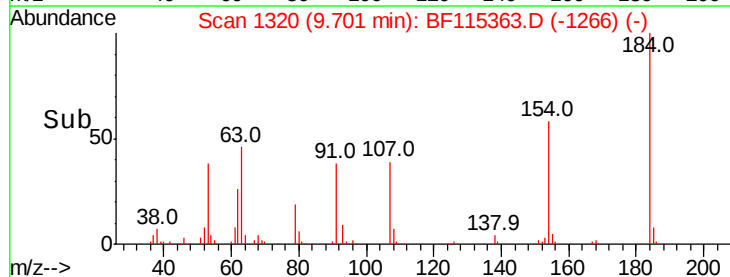


Abundance Ion 184.00 (183.70 to 184.70): E

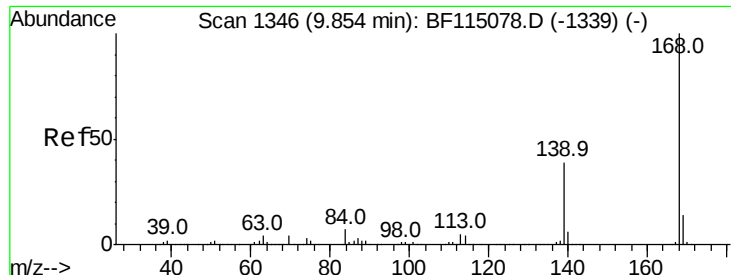
Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

9.70



Time-->



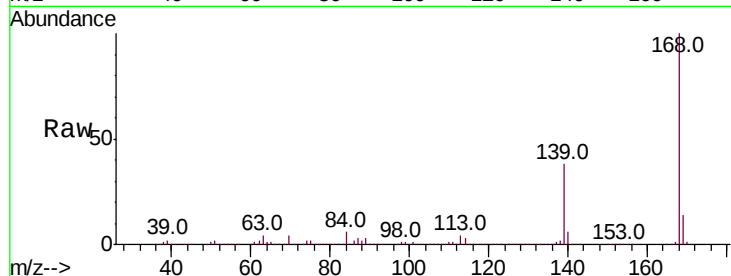
#55
Dibenzofuran
Concen: 33.569 ng
RT: 9.85 min Scan# 1345
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

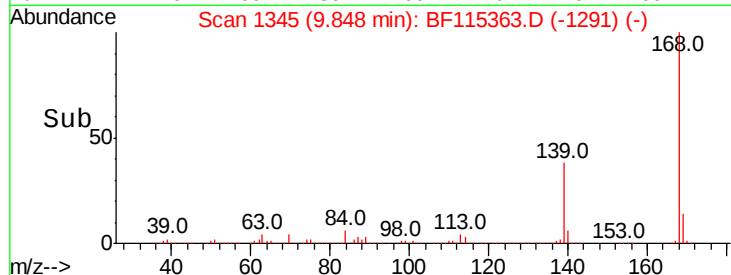
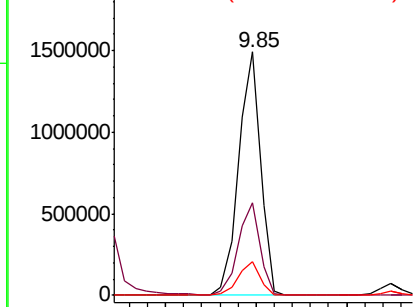
Tot Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.1	46.7
169	14.0	11.3	16.9

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM



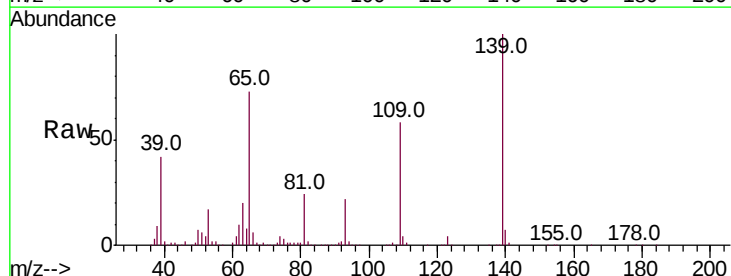
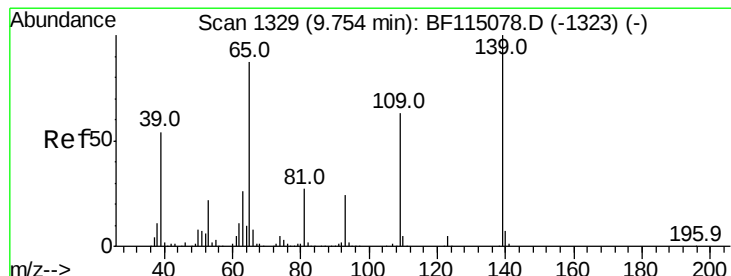
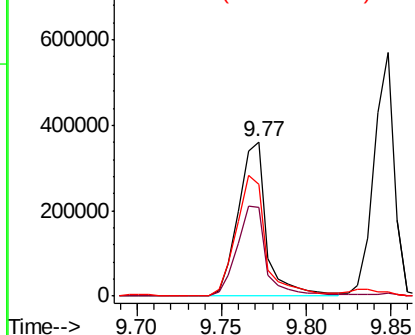
Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

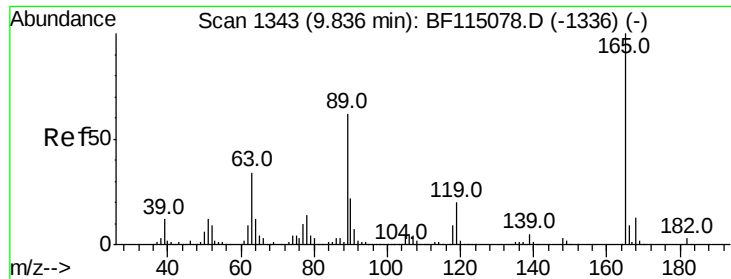


#56
4-Nitrophenol
Concen: 61.649 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.04 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
139	100		
109	57.7	43.0	83.0
65	72.9	67.0	107.0

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





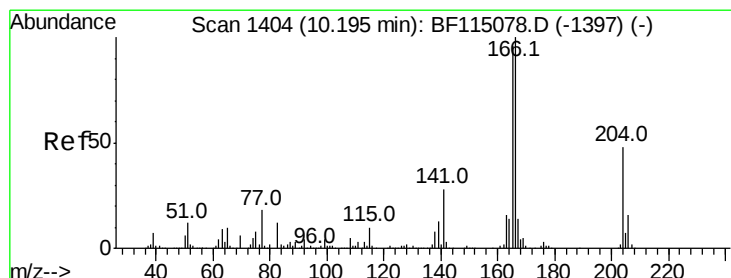
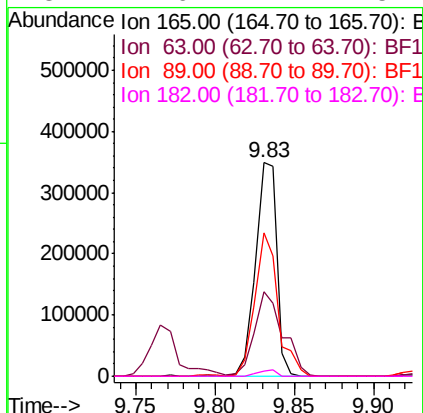
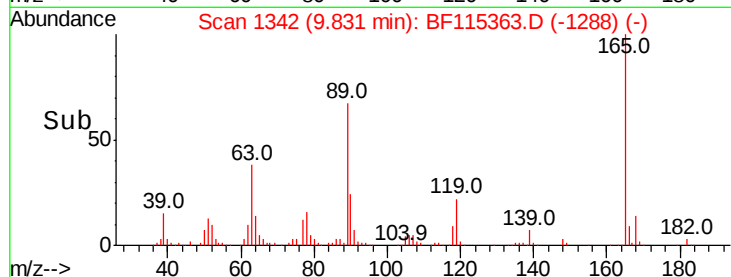
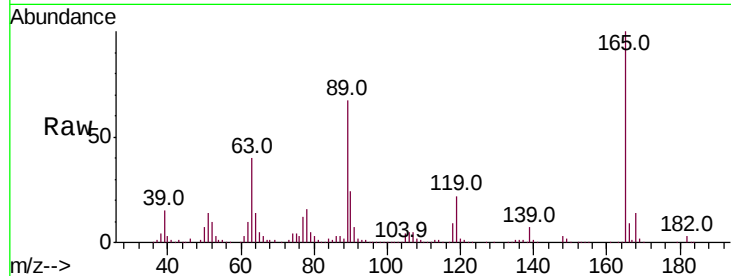
#57
2,4-Dinitrotoluene
Concen: 35.963 ng
RT: 9.83 min Scan# 1342
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	39.7	27.5	41.3	
89	67.1	49.9	74.9	
182	2.6	2.1	3.1	

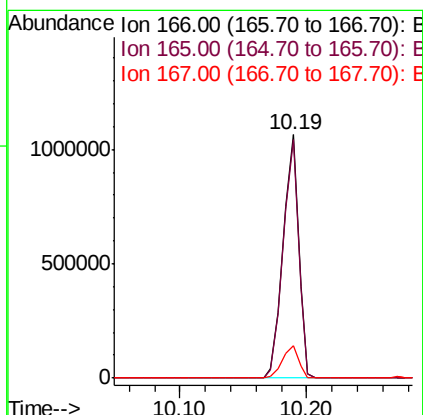
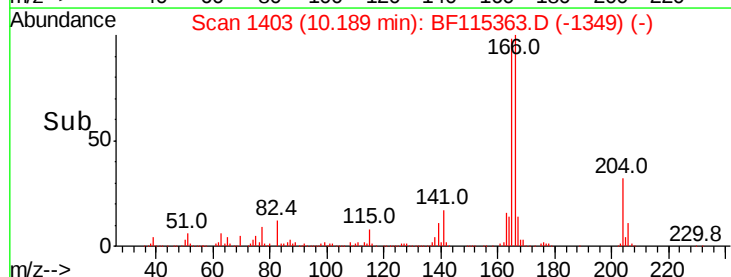
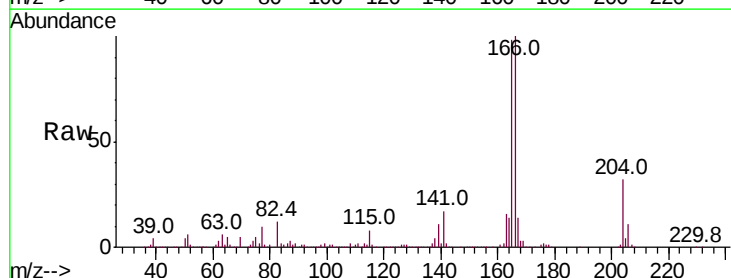
Manual Integrations
APPROVED

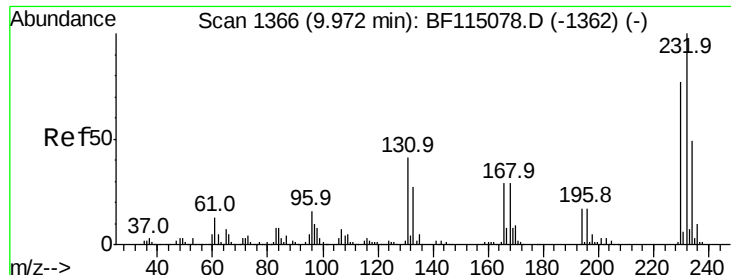
mohammad
7/3/2019 10:51:45 PM



#58
Fluorene
Concen: 34.910 ng
RT: 10.19 min Scan# 1403
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.1	76.5	114.7	
167	13.5	11.0	16.4	





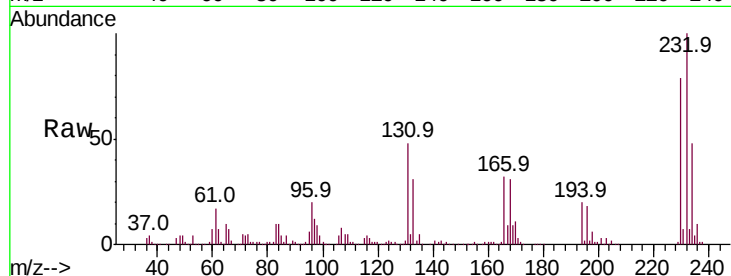
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 36.335 ng
 RT: 9.97 min Scan# 1365
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

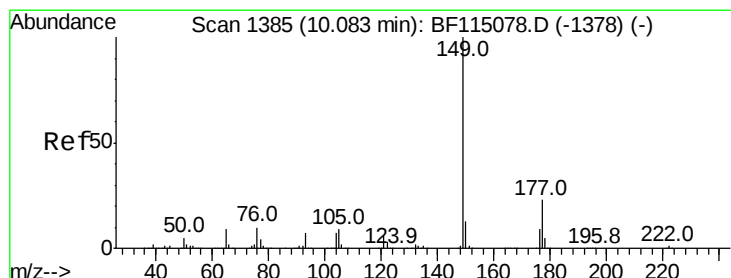
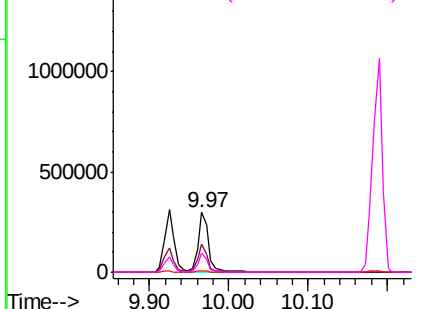
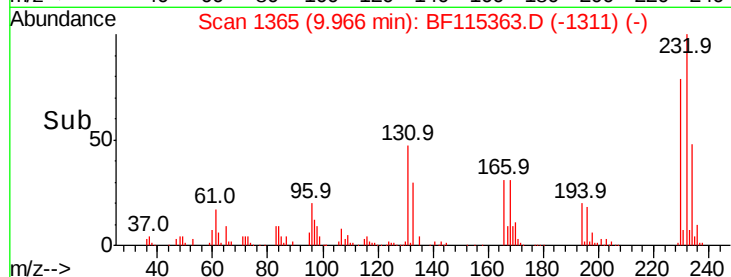
Tot Ion	Ratio	Lower	Upper
232	100		
131	44.4	37.4	56.0
130	2.2	1.8	2.6
166	29.2	24.6	36.8

Manual Integrations
 APPROVED

mohammad
 7/3/2019 10:51:45 PM

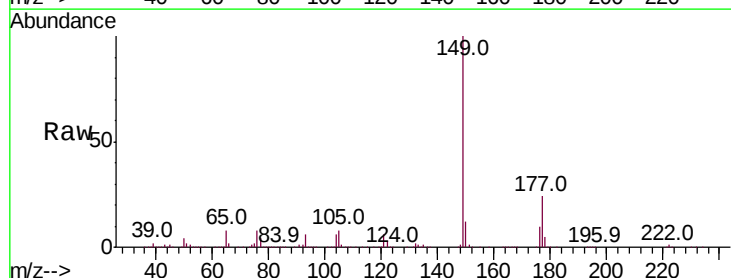


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

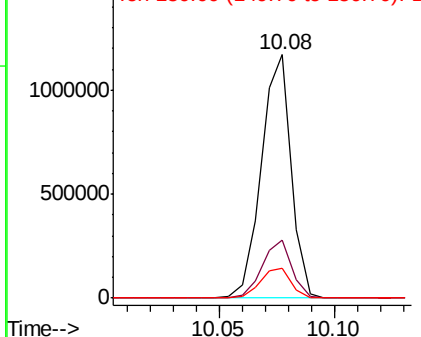
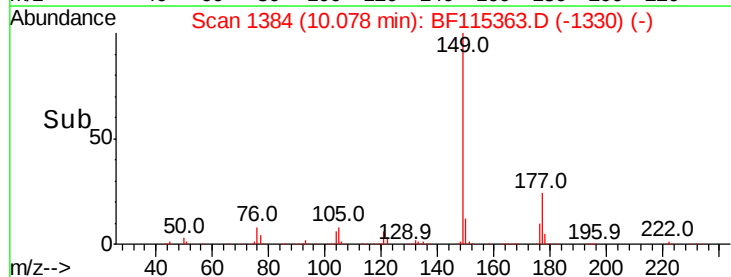


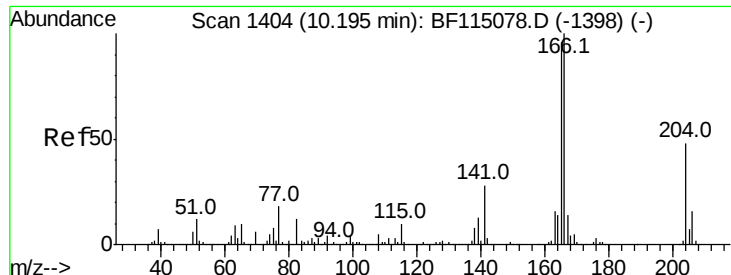
#60
 Diethylphthalate
 Concen: 34.477 ng
 RT: 10.08 min Scan# 1384
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	18.7	28.1
150	12.5	10.4	15.6



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E





#61

4-Chlorophenyl-phenylether

Concen: 35.320 ng

RT: 10.18 min Scan# 1402

Delta R.T. 0.01 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:204 Resp: 436446

Ion Ratio Lower Upper

204 100

206 32.5 26.6 40.0

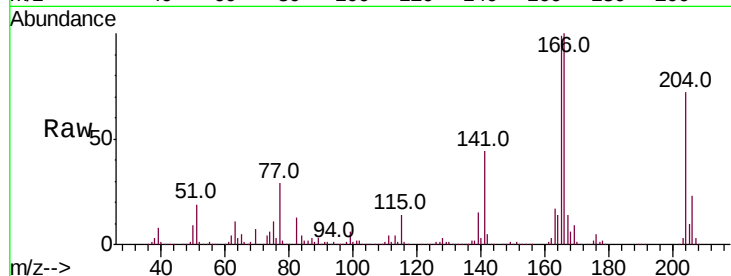
141 61.2 46.7 70.1

Manual Integrations

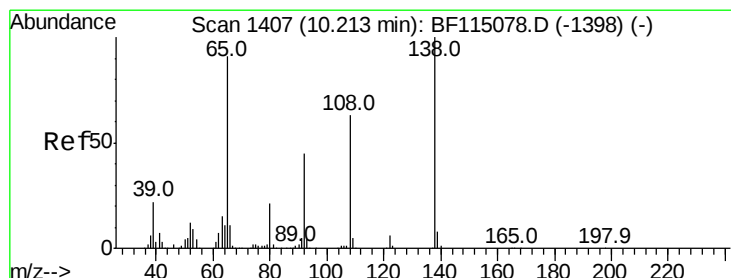
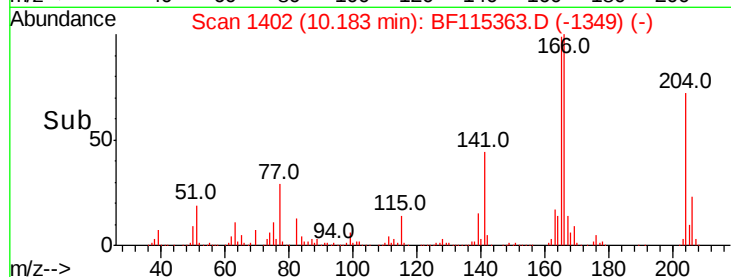
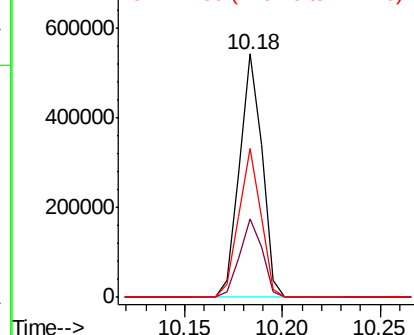
APPROVED

mohammad

7/3/2019 10:51:45 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: 30.888 ng

RT: 10.21 min Scan# 1406

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

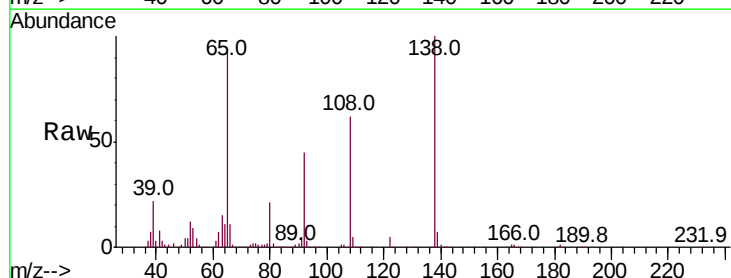
Tgt Ion:138 Resp: 265211

Ion Ratio Lower Upper

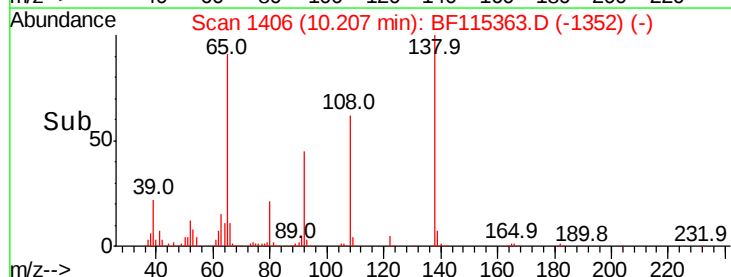
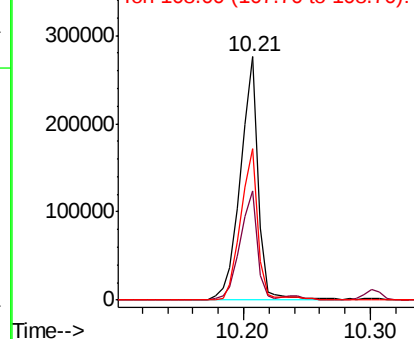
138 100

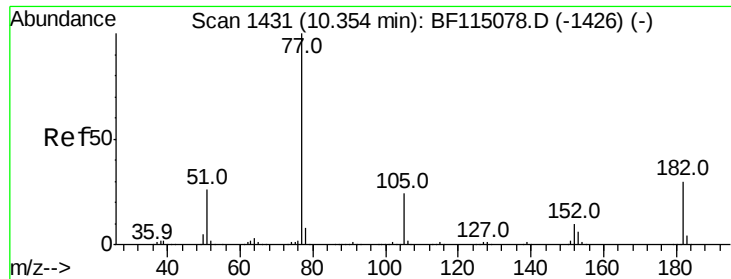
92 44.8 24.8 64.8

108 62.3 43.3 83.3



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





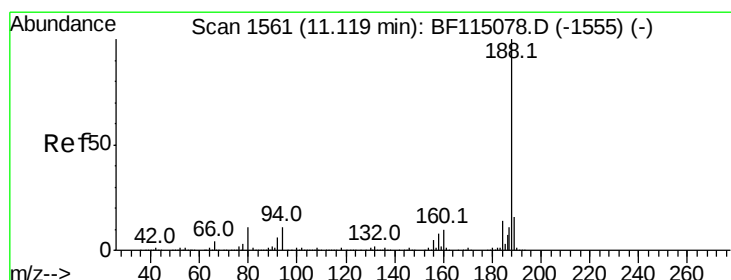
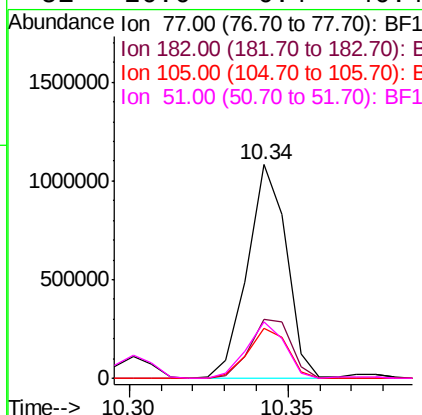
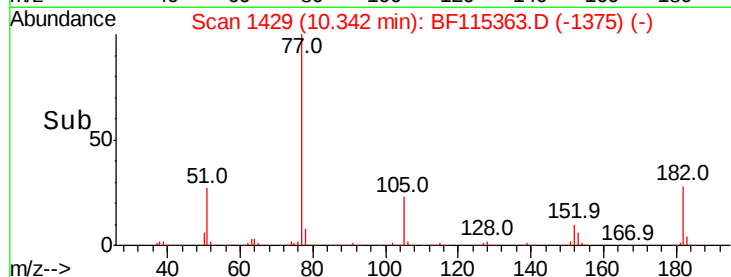
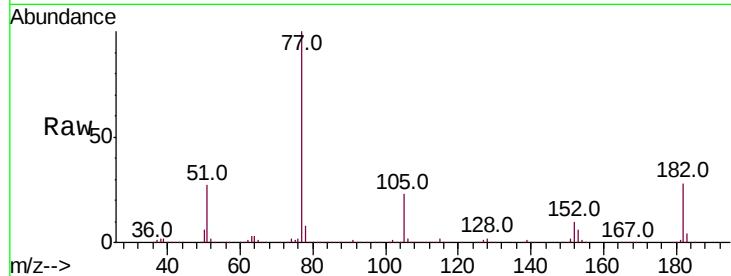
#63
Azobenzene
Concen: 32.375 ng
RT: 10.34 min Scan# 1429
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	27.7	10.1	50.1	
105	23.3	4.5	44.5	
51	26.6	6.4	46.4	

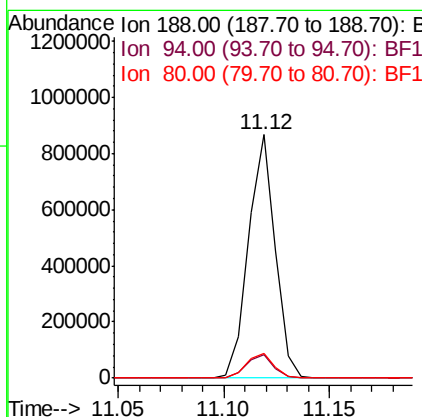
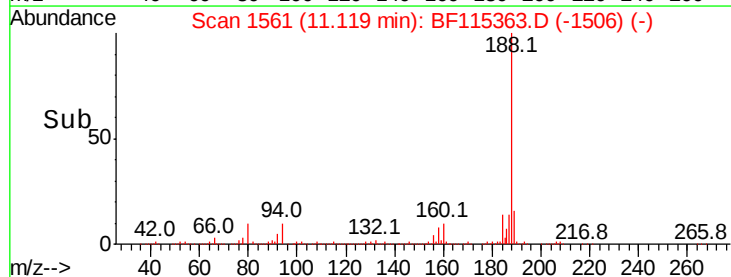
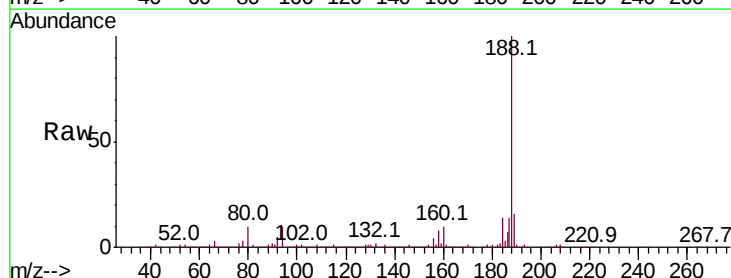
Manual Integrations
APPROVED

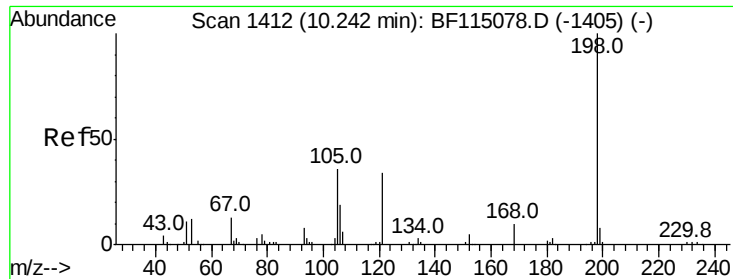
mohammad
7/3/2019 10:51:45 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	9.6	8.6	12.8	
80	10.0	8.8	13.2	





#65

4,6-Dinitro-2-methylphenol

Concen: 35.547 ng

RT: 10.24 min Scan# 1412

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

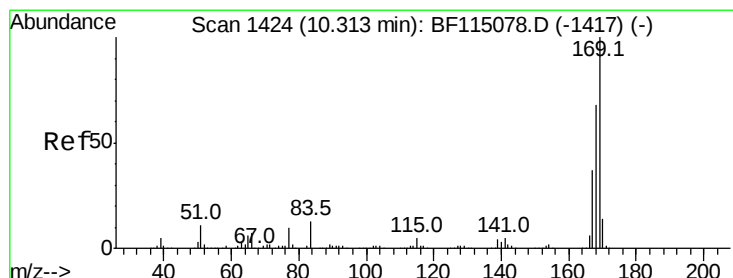
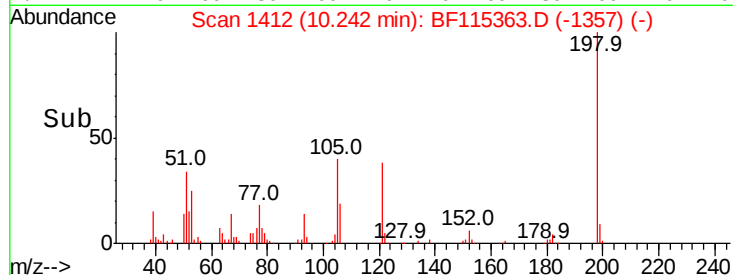
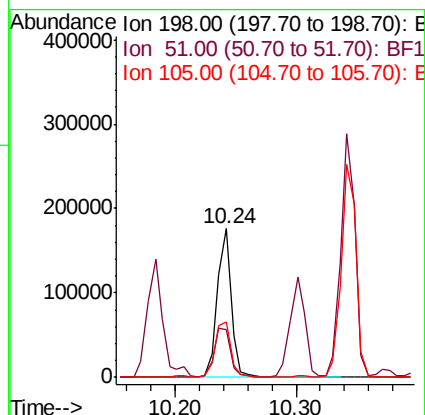
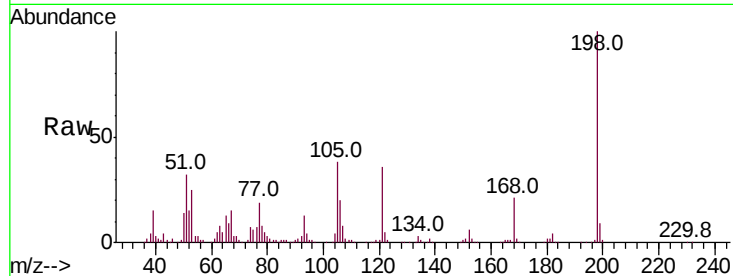
ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:	198	Resp:	138447
Ion Ratio	Lower	Upper	
198	100		
51	32.1	11.0	51.0
105	37.8	17.3	57.3

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM



#66

n-Nitrosodiphenylamine

Concen: 36.160 ng

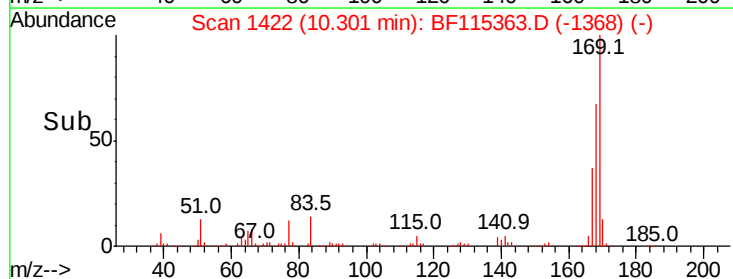
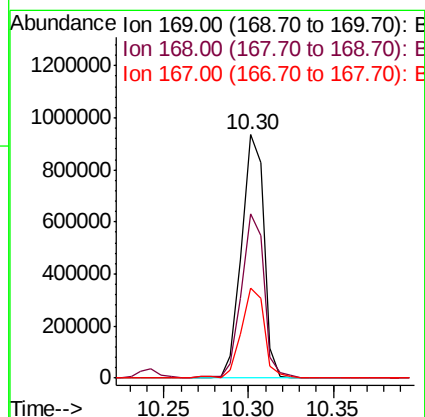
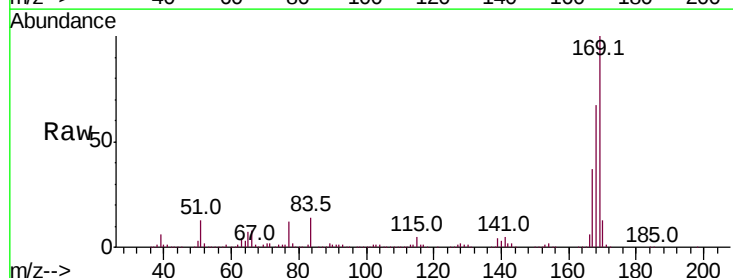
RT: 10.30 min Scan# 1422

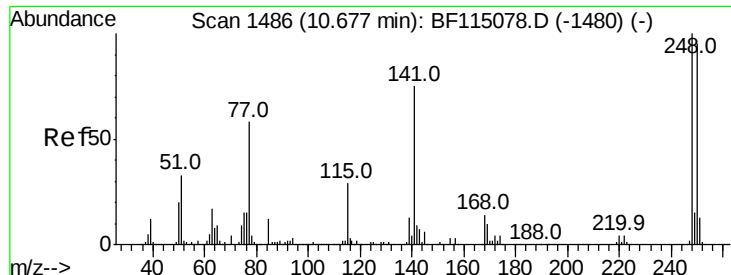
Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Tgt Ion:	169	Resp:	859323
Ion Ratio	Lower	Upper	
169	100		
168	67.5	54.2	81.4
167	37.1	29.4	44.0





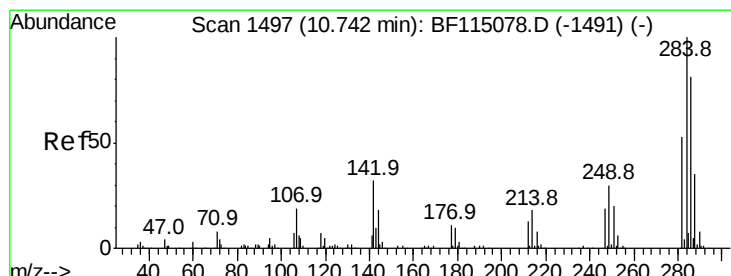
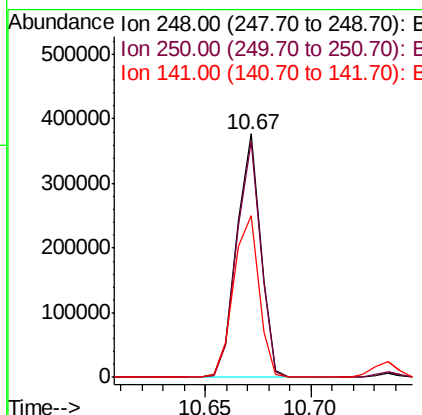
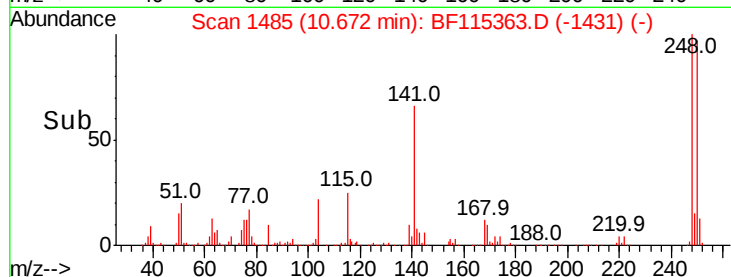
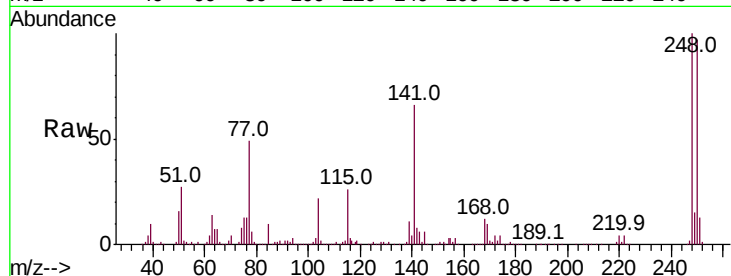
#67
 4-Bromophenyl-phenylether
 Concen: 35.716 ng
 RT: 10.67 min Scan# 1485
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tot Ion:	248	Resp:	295375
Ion Ratio	Lower	Upper	
248	100		
250	96.7	76.2	114.2
141	66.2	59.6	89.4

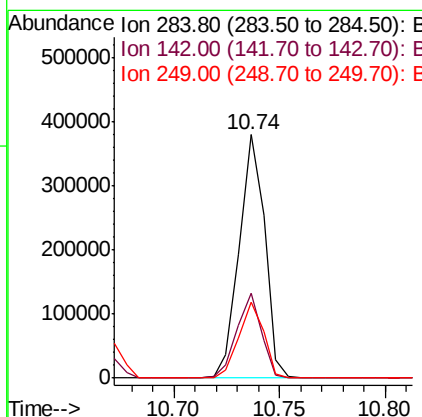
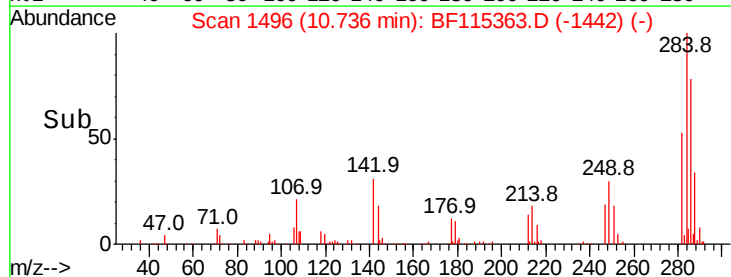
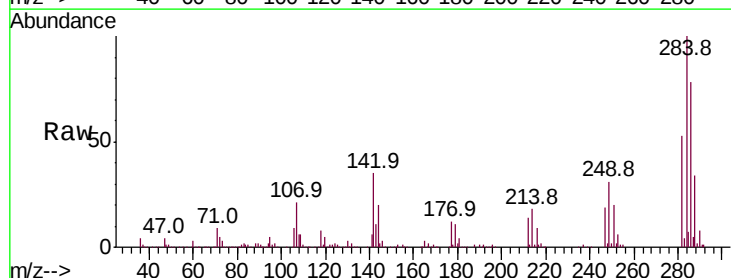
Manual Integrations
 APPROVED

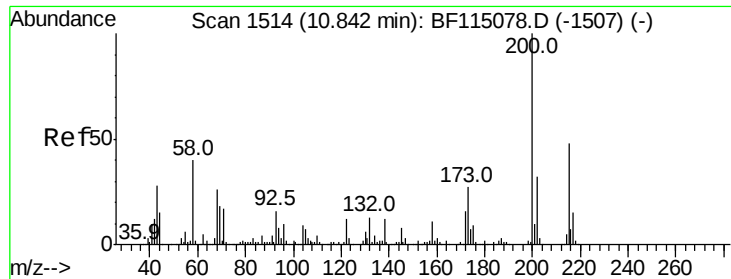
mohammad
 7/3/2019 10:51:45 PM



#68
 Hexachlorobenzene
 Concen: 35.285 ng
 RT: 10.74 min Scan# 1496
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion:	284	Resp:	316749
Ion Ratio	Lower	Upper	
284	100		
142	34.6	25.8	38.8
249	31.4	24.2	36.4





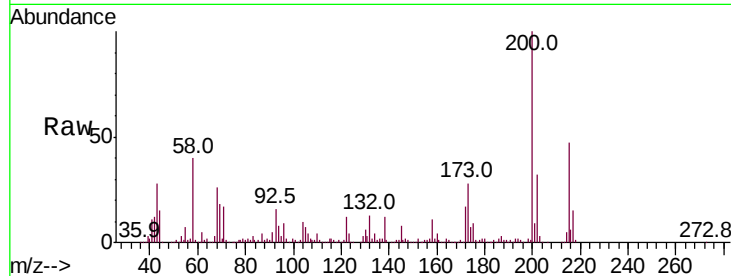
#69
Atrazine
Concen: 36.648 ng
RT: 10.84 min Scan# 1513
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.8	7.4	47.4
215	46.9	27.8	67.8

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM

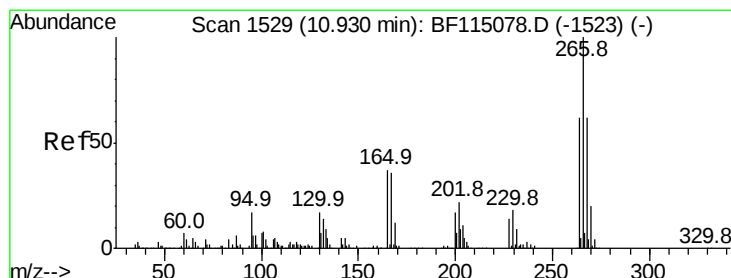
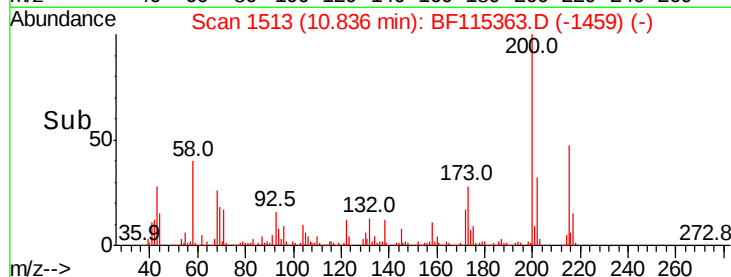
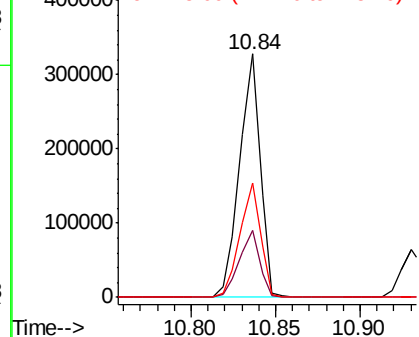


Abundance

Ion 200.00 (199.70 to 200.70): E

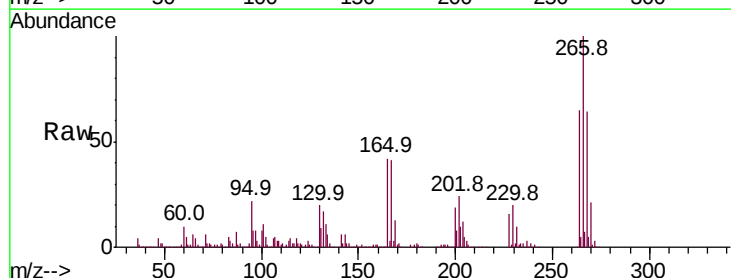
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 63.420 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.0	49.5	74.3
264	64.6	49.3	73.9

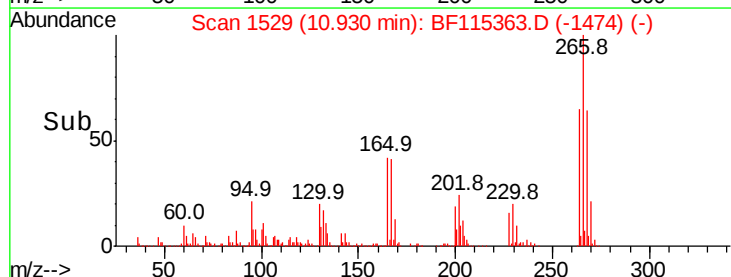
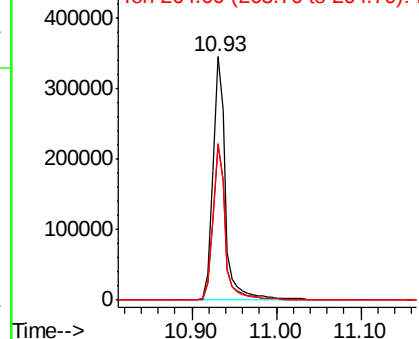


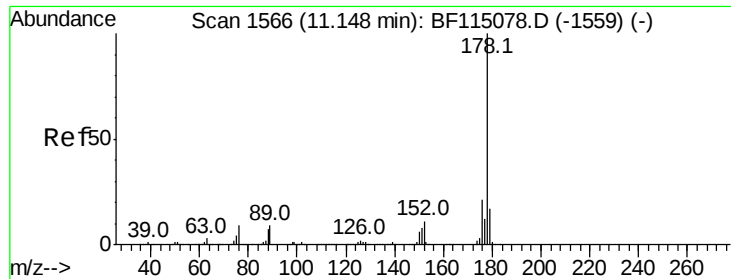
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





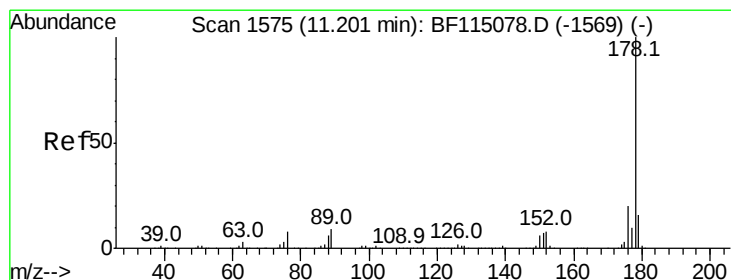
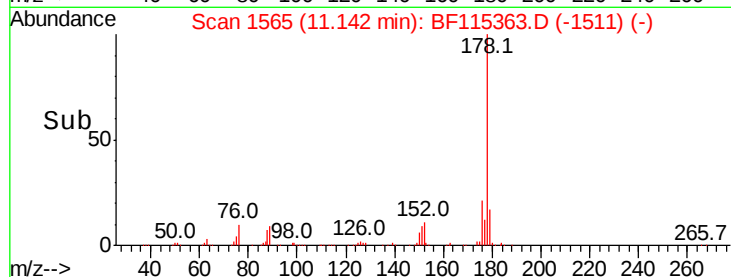
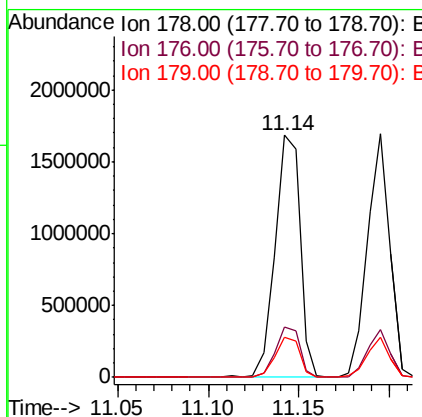
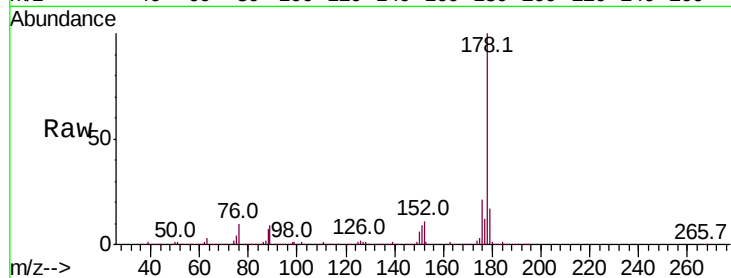
#71
Phenanthrene
Concen: 39.372 ng
RT: 11.14 min Scan# 1565
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion:178 Resp: 1616987
Ion Ratio Lower Upper
178 100
176 20.8 16.9 25.3
179 16.6 13.2 19.8

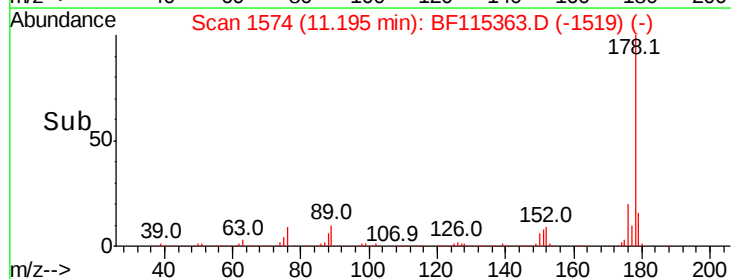
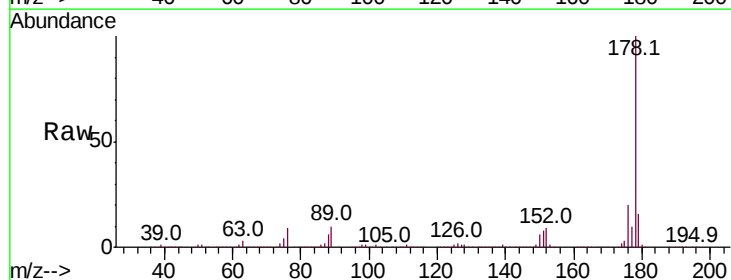
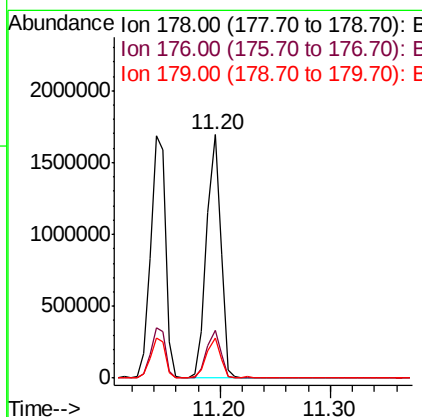
Manual Integrations
APPROVED

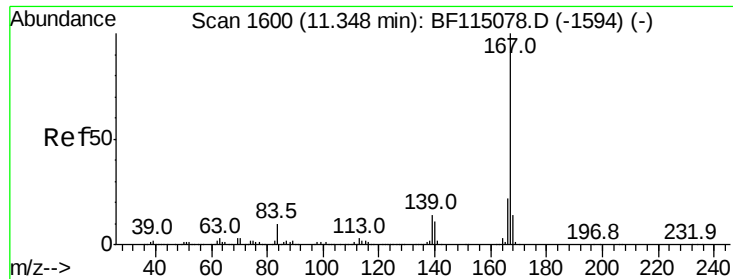
mohammad
7/3/2019 10:51:45 PM



#72
Anthracene
Concen: 35.327 ng
RT: 11.20 min Scan# 1574
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:178 Resp: 1464533
Ion Ratio Lower Upper
178 100
176 19.9 16.1 24.1
179 16.3 12.9 19.3





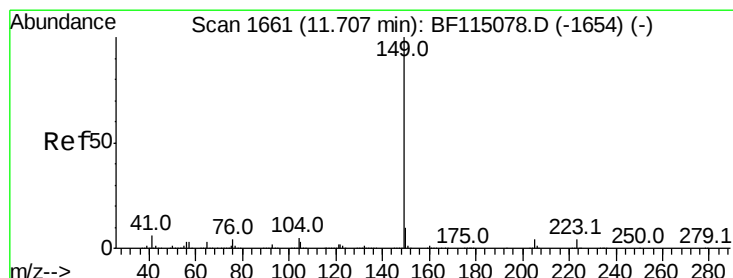
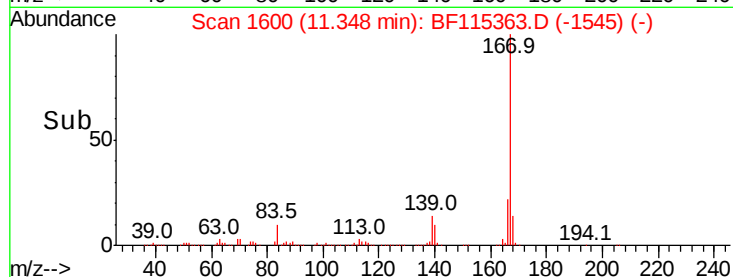
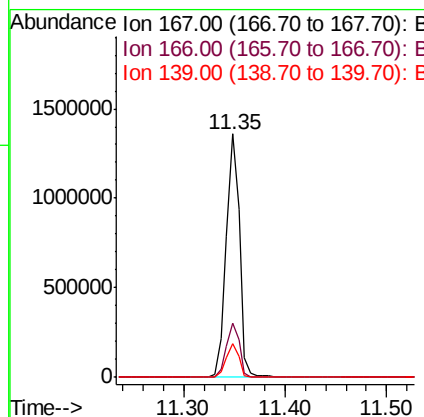
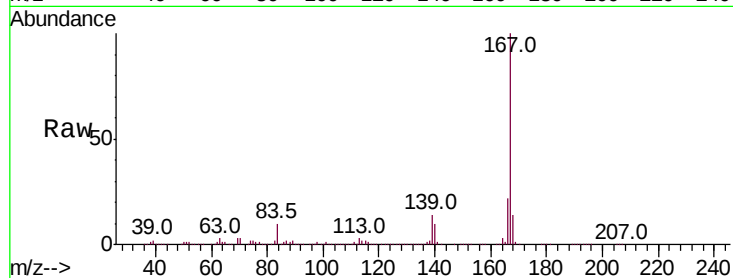
#73
 Carbazole
 Concen: 33.524 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Instrument :
 BNA_F
 ClientSampleId :
 HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.3	18.0	27.0
139	13.7	11.1	16.7

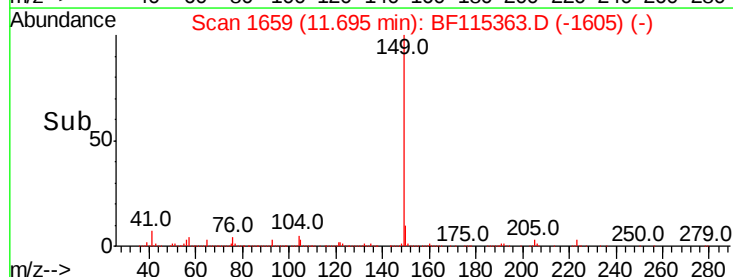
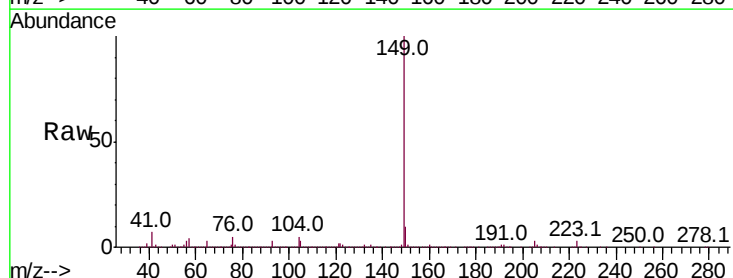
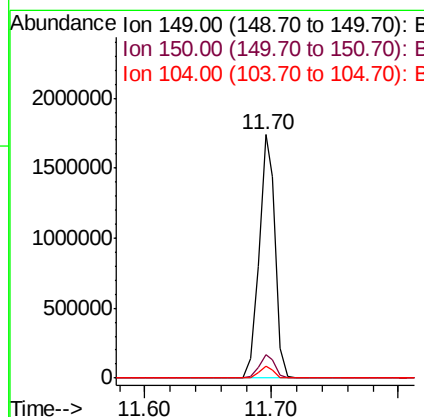
Manual Integrations
 APPROVED

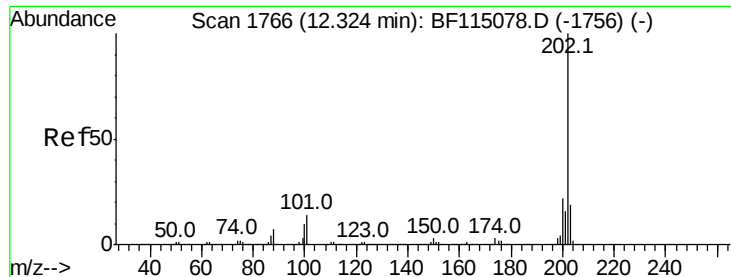
mohammad
 7/3/2019 10:51:45 PM



#74
 Di-n-butylphthalate
 Concen: 35.985 ng
 RT: 11.70 min Scan# 1659
 Delta R.T. 0.02 min
 Lab File: BF115363.D
 Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.9	7.8	11.8
104	4.7	3.7	5.5





#75

Fluoranthene

Concen: 40.836 ng

RT: 12.32 min Scan# 1766

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

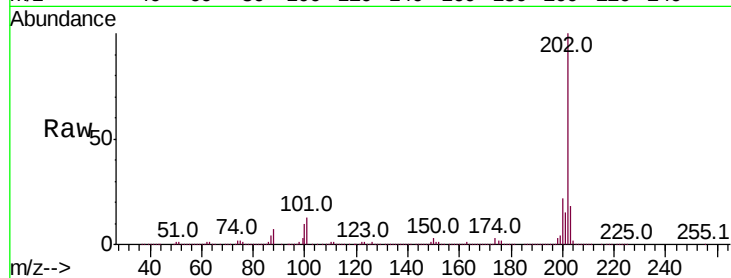
ClientSampleId :

HJDC-COMP-1MSD

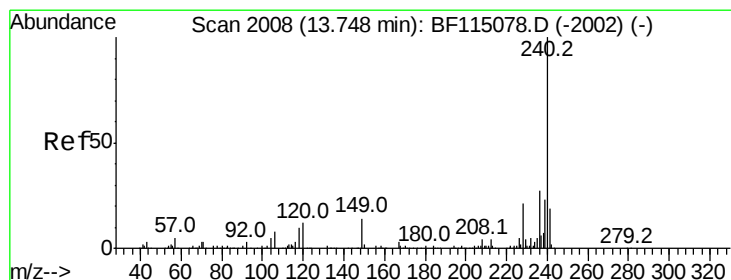
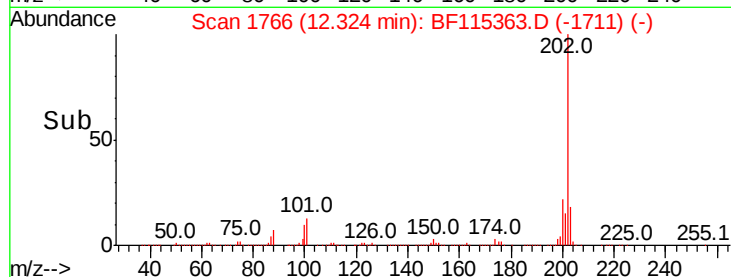
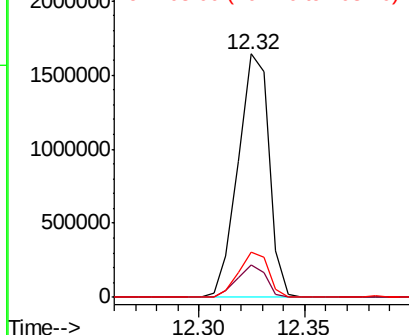
Tot Ion:	202	Resp:	1673311
Ion	Ratio	Lower	Upper
202	100		
101	13.5	0.0	34.0
203	18.4	0.0	38.8

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 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: 13.75 min Scan# 2008

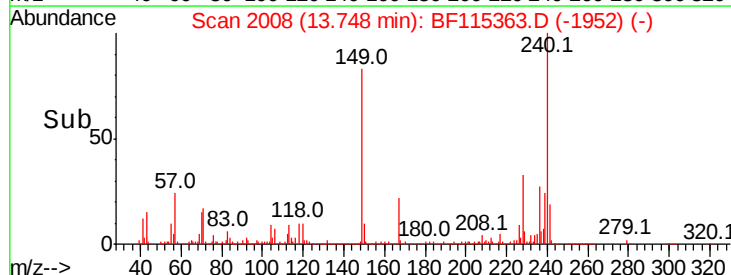
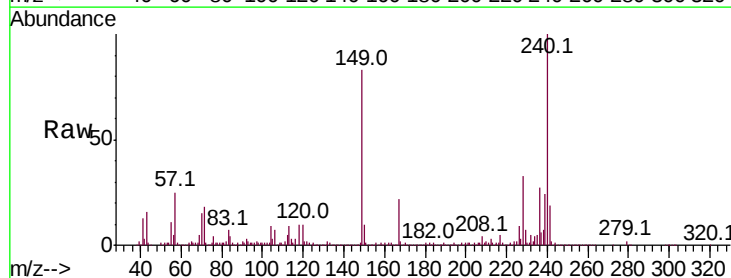
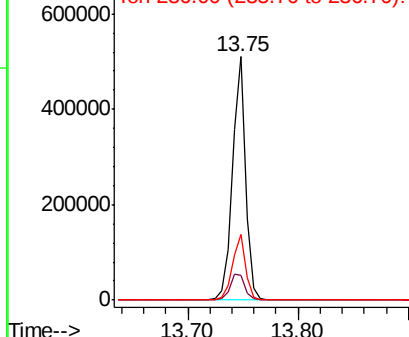
Delta R.T. 0.03 min

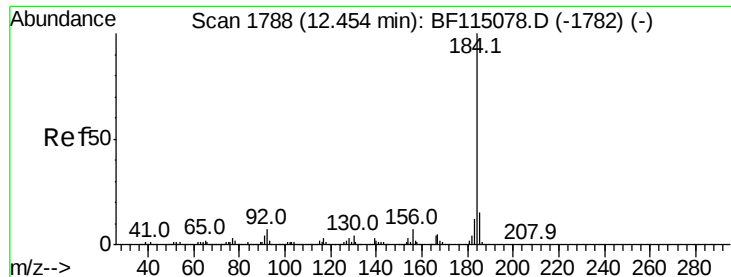
Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Tgt Ion:	240	Resp:	425359
Ion	Ratio	Lower	Upper
240	100		
120	10.4	9.4	14.2
236	26.9	21.7	32.5

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





#77

Benzidine

Concen: 23.637 ng

RT: 12.45 min Scan# 1788

Delta R.T. 0.03 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

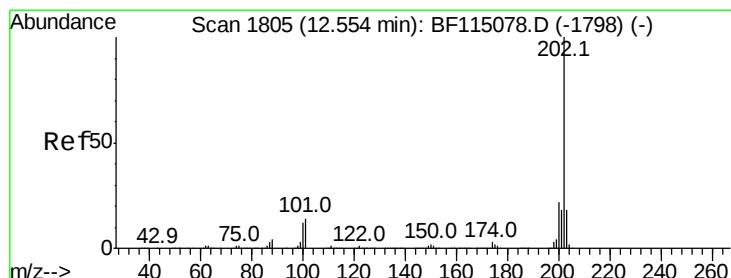
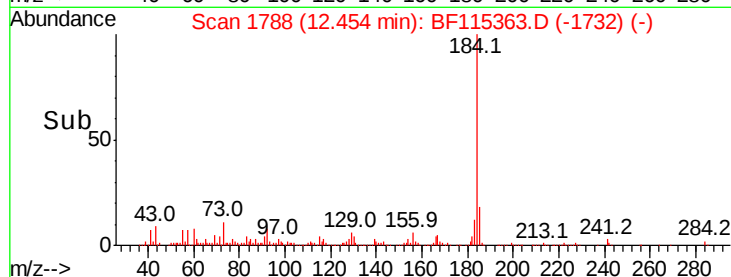
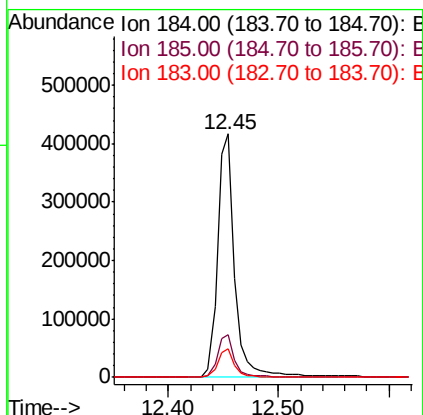
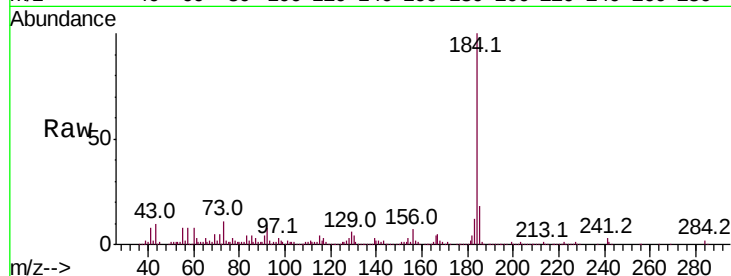
ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:	184	Resp:	446440
Ion Ratio	Lower	Upper	
184	100		
185	17.5	12.2	18.2
183	11.9	9.6	14.4

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM



#78

Pyrene

Concen: 48.936 ng

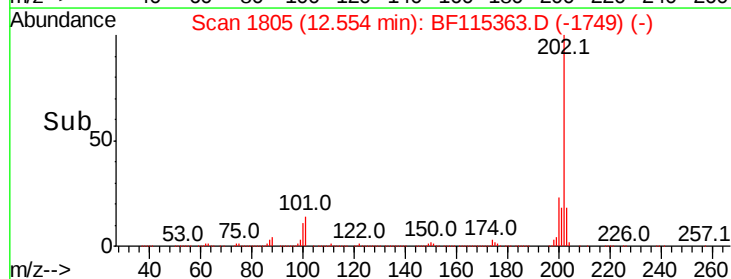
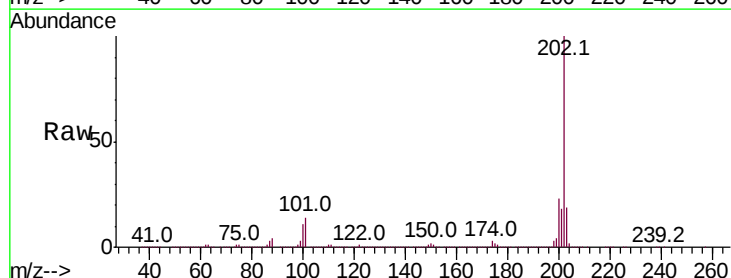
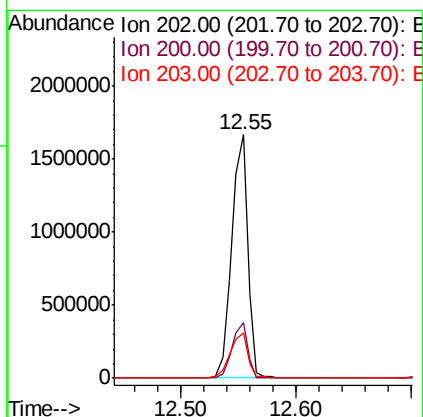
RT: 12.55 min Scan# 1805

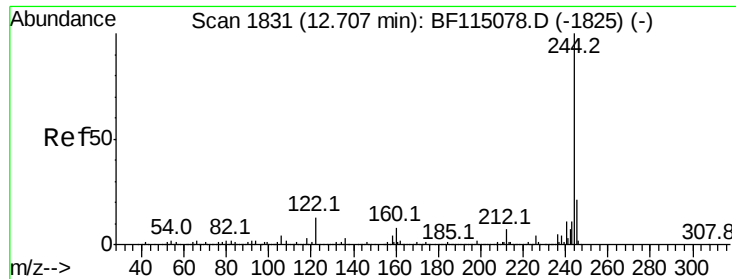
Delta R.T. 0.03 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Tgt Ion:	202	Resp:	1599686
Ion Ratio	Lower	Upper	
202	100		
200	22.7	17.9	26.9
203	18.5	14.6	21.8





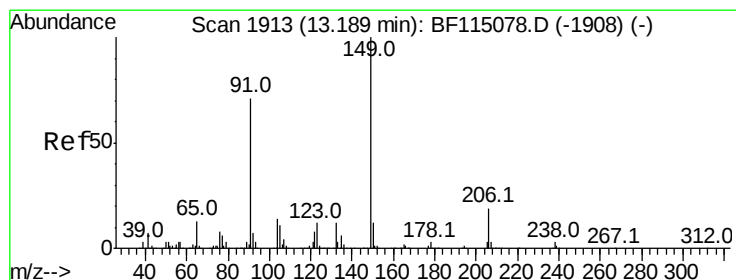
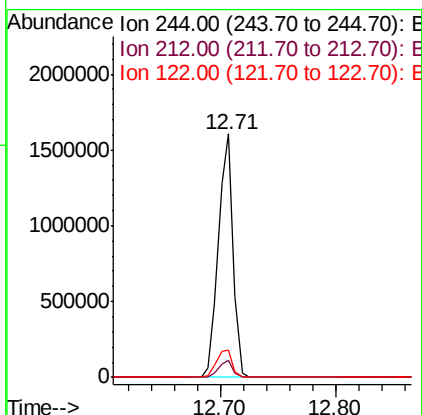
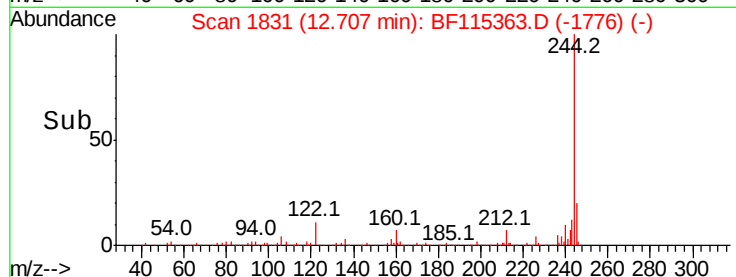
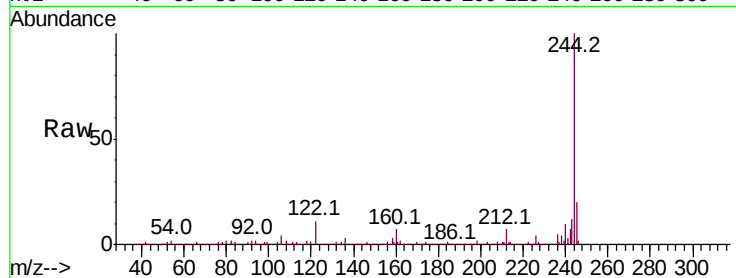
#79
Terphenyl-d14
Concen: 70.862 ng
RT: 12.71 min Scan# 1831
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion:244 Resp: 1417658
Ion Ratio Lower Upper
244 100
212 6.8 5.8 8.6
122 11.1 10.4 15.6

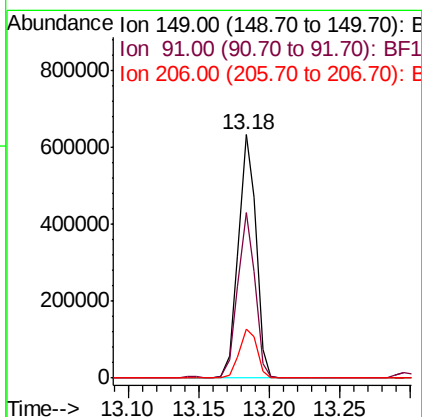
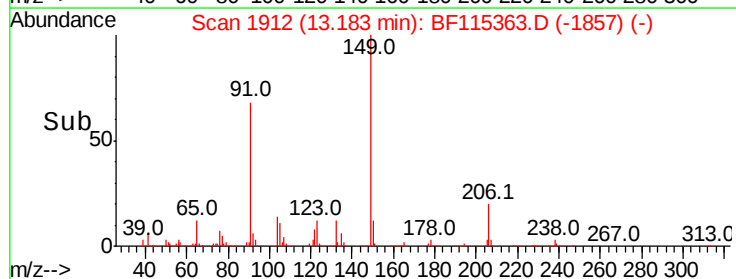
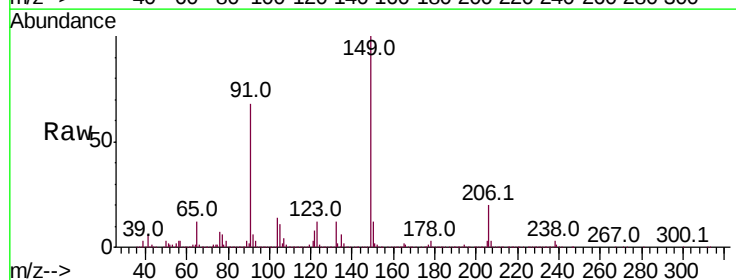
Manual Integrations
APPROVED

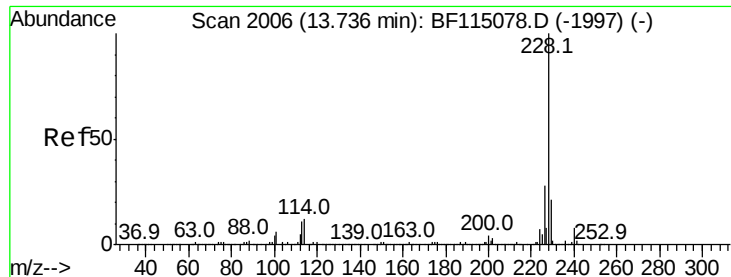
mohammad
7/3/2019 10:51:45 PM



#80
Butylbenzylphthalate
Concen: 38.247 ng
RT: 13.18 min Scan# 1912
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:149 Resp: 551758
Ion Ratio Lower Upper
149 100
91 68.0 56.5 84.7
206 20.0 15.3 22.9





#81

Benzo(a)anthracene

Concen: 40.096 ng

RT: 13.74 min Scan# 2006

Delta R.T. 0.03 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

Instrument :

BNA_F

ClientSampleId :

HJDC-COMP-1MSD

Tot Ion:228 Resp: 1223779

Ion Ratio Lower Upper

228 100

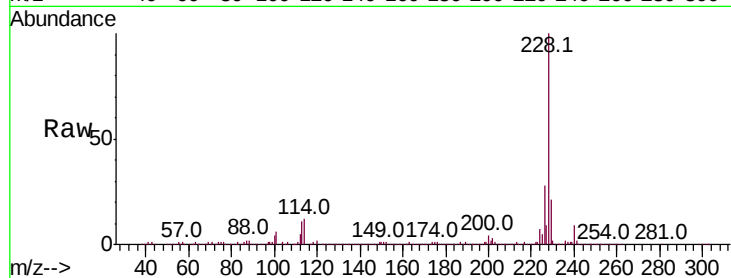
226 28.2 22.5 33.7

229 20.9 16.6 24.8

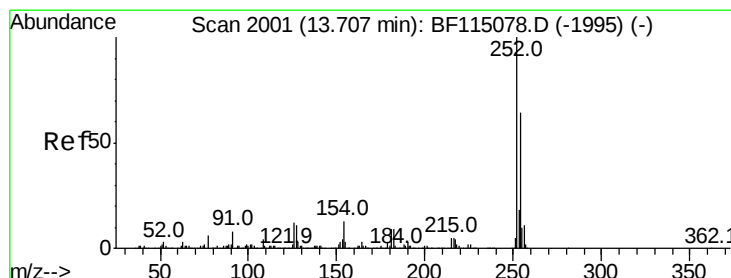
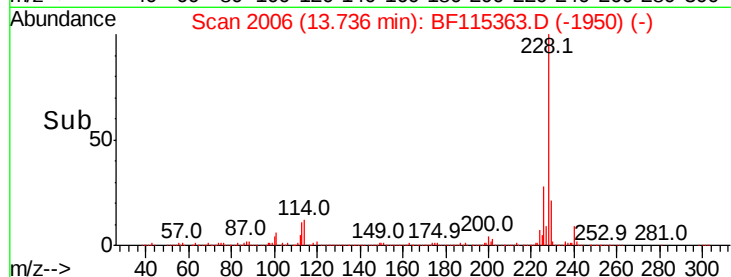
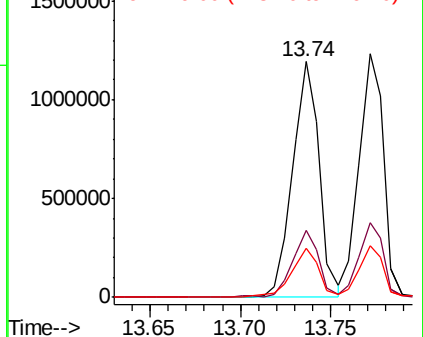
Manual Integrations
APPROVED

mohammad

7/3/2019 10:51:45 PM



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



#82

3,3'-Dichlorobenzidine

Concen: 28.452 ng

RT: 13.70 min Scan# 2000

Delta R.T. 0.02 min

Lab File: BF115363.D

Acq: 2 Jul 2019 16:54

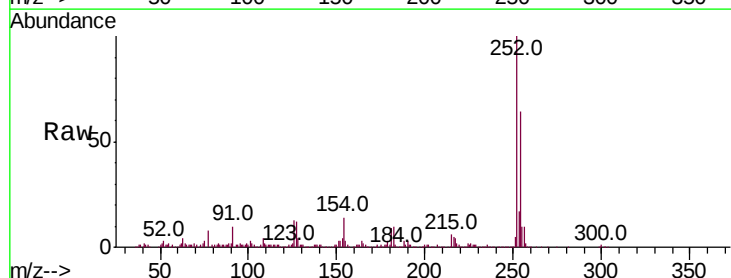
Tgt Ion:252 Resp: 313588

Ion Ratio Lower Upper

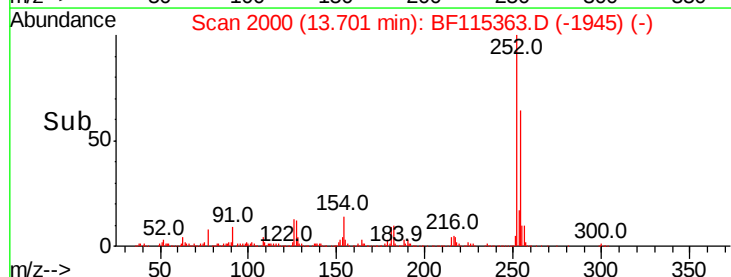
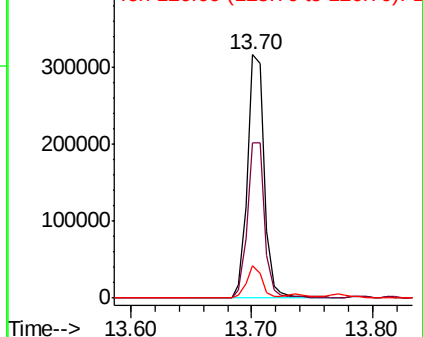
252 100

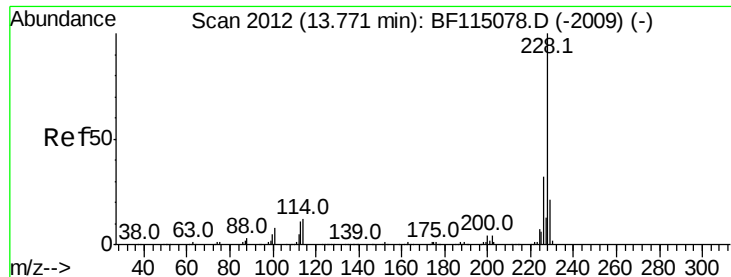
254 64.0 51.1 76.7

126 13.1 9.4 14.0



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





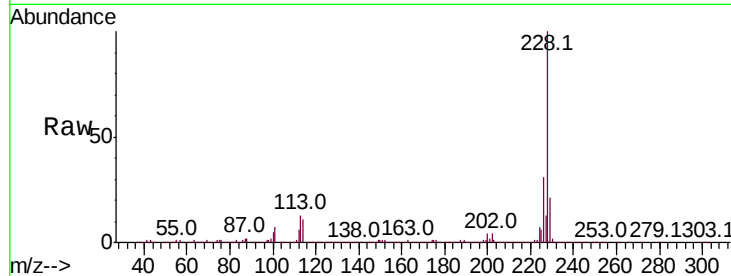
#83
Chrysene
Concen: 41.084 ng
RT: 13.77 min Scan# 2012
Delta R.T. 0.03 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.4	38.0
229	21.3	16.5	24.7

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM

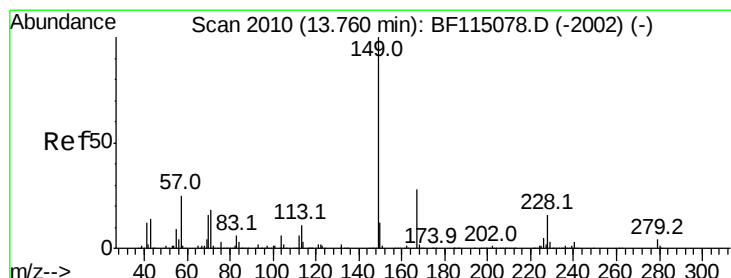
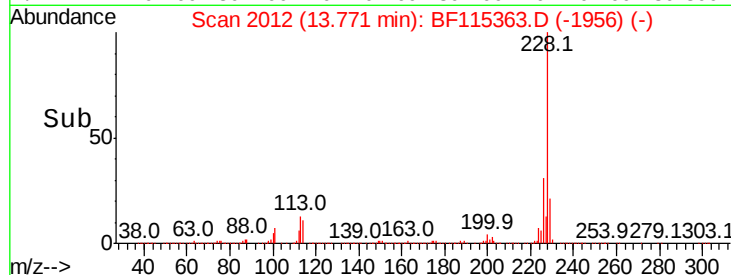
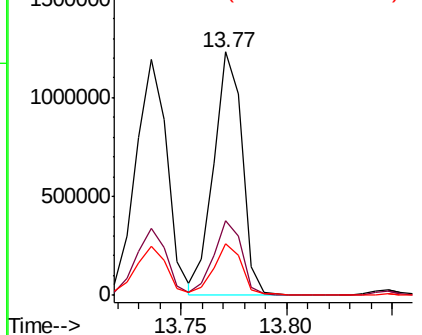


Abundance

Ion 228.00 (227.70 to 228.70): E

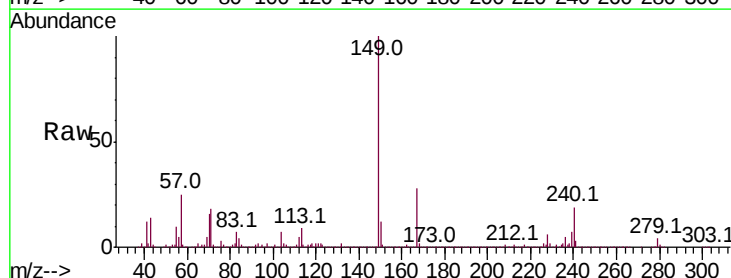
Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.575 ng
RT: 13.75 min Scan# 2009
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	22.2	33.4
279	3.8	2.9	4.3

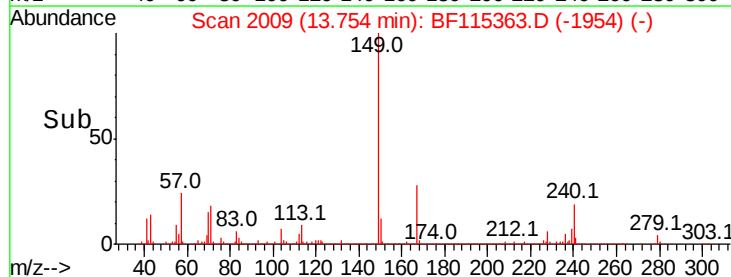
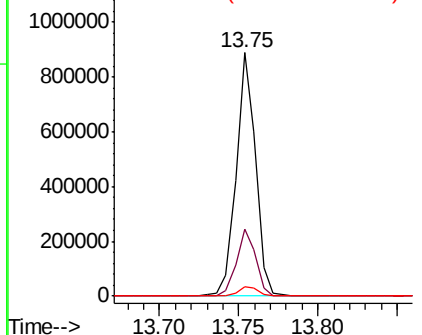


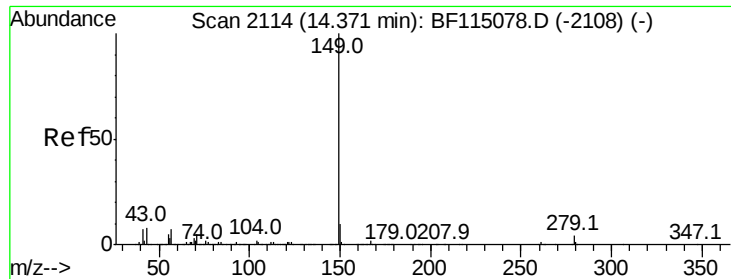
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





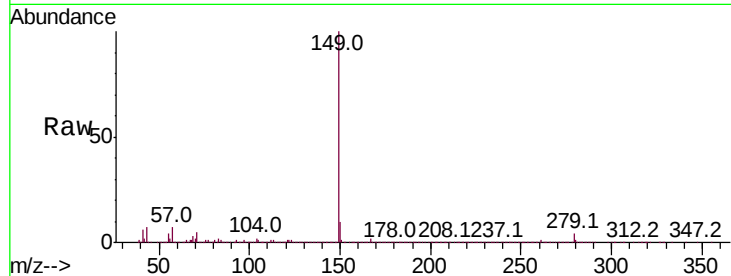
#85
Di-n-octyl phthalate
Concen: 38.547 ng
RT: 14.37 min Scan# 2113
Delta R.T. 0.02 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

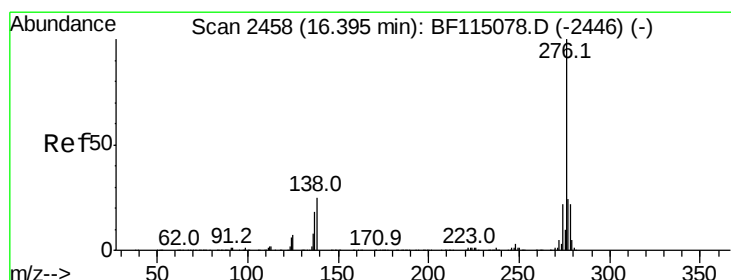
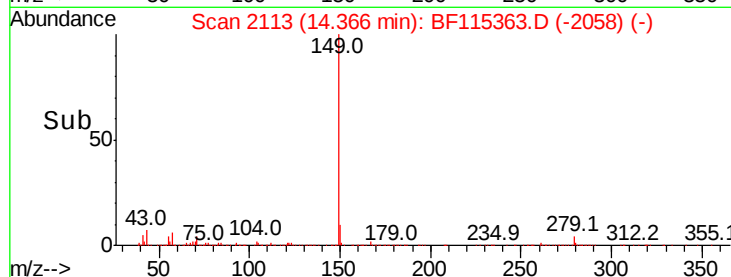
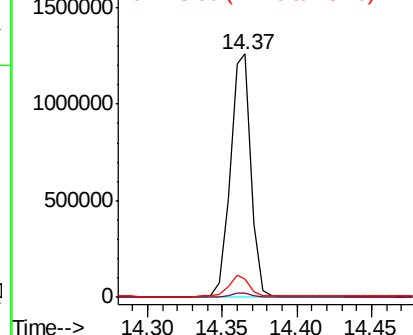
Tot Ion:149 Resp: 1224248
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.5 7.0 10.6

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM

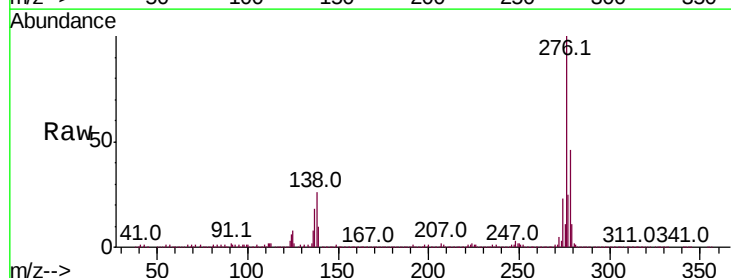


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

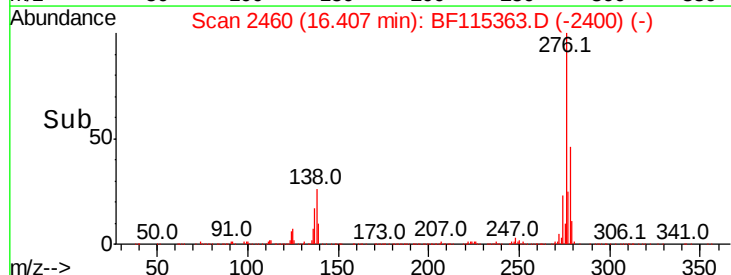
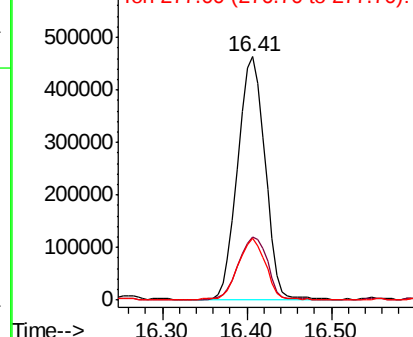


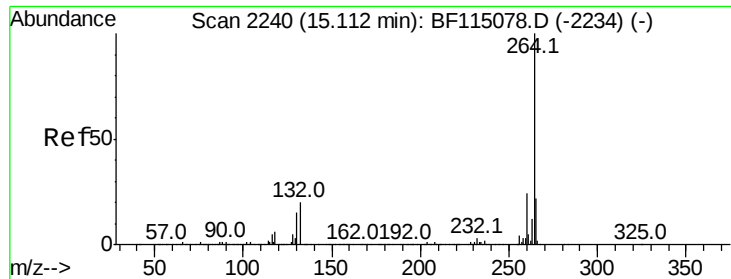
#86
Indeno(1,2,3-cd)pyrene
Concen: 31.144 ng
RT: 16.41 min Scan# 2460
Delta R.T. 0.05 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion:276 Resp: 1030302
Ion Ratio Lower Upper
276 100
138 27.5 23.2 34.8
277 25.0 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





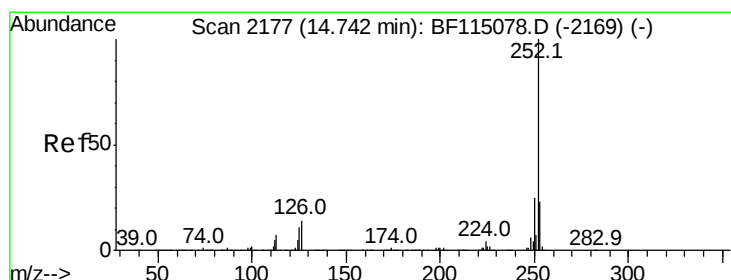
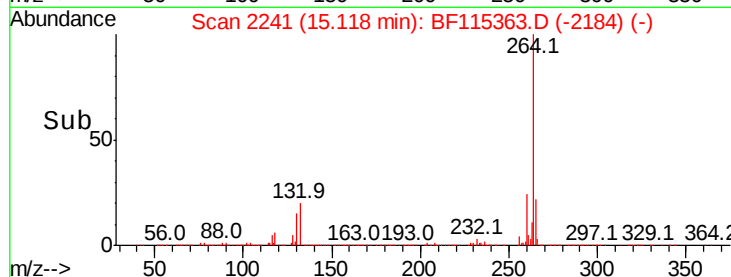
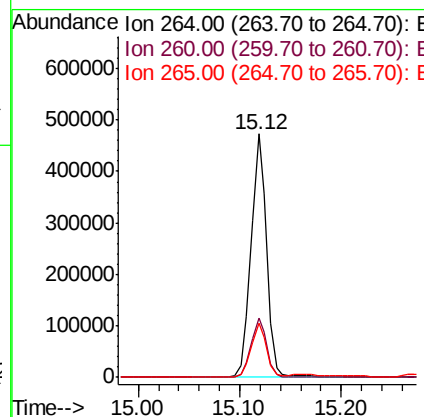
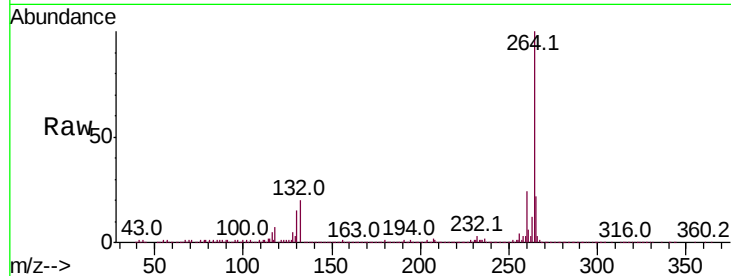
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.12 min Scan# 2241
Delta R.T. 0.04 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.6	29.4
265	22.1	17.3	25.9

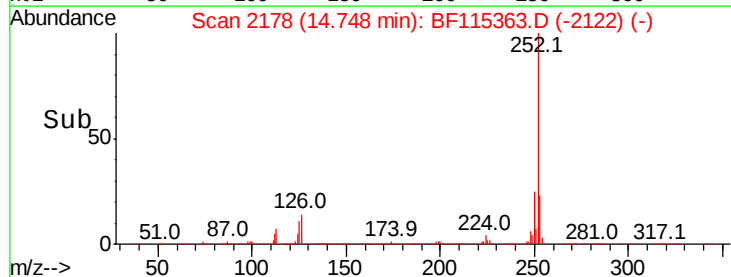
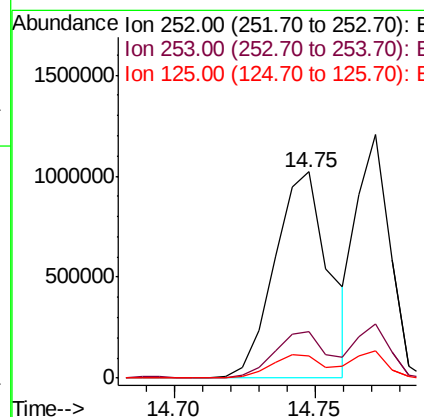
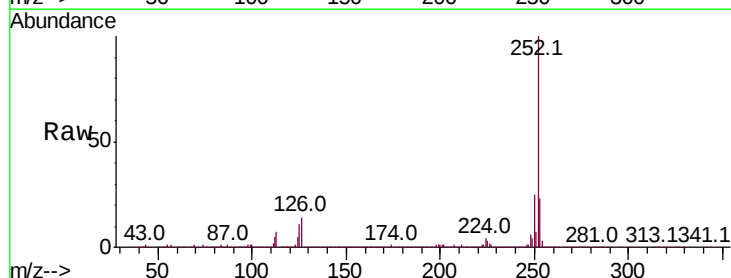
Manual Integrations
APPROVED

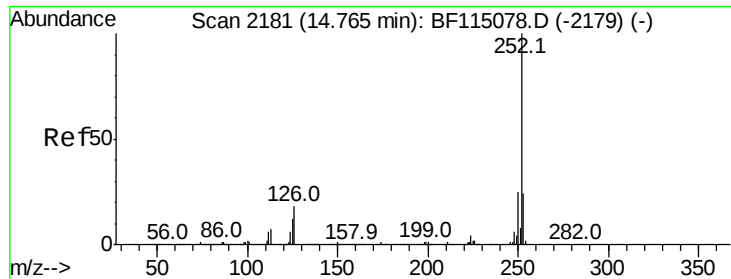
mohammad
7/3/2019 10:51:45 PM



#88
Benzo(b)fluoranthene
Concen: 43.448 ng
RT: 14.75 min Scan# 2178
Delta R.T. 0.03 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.1	27.1
125	10.9	8.7	13.1





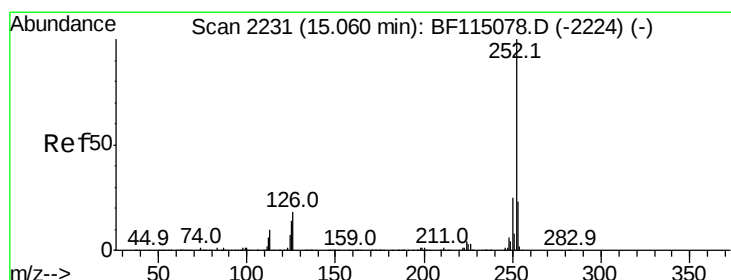
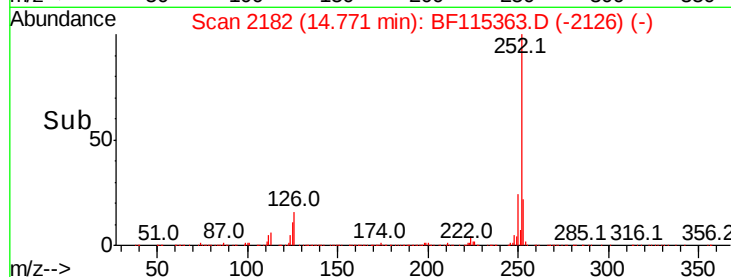
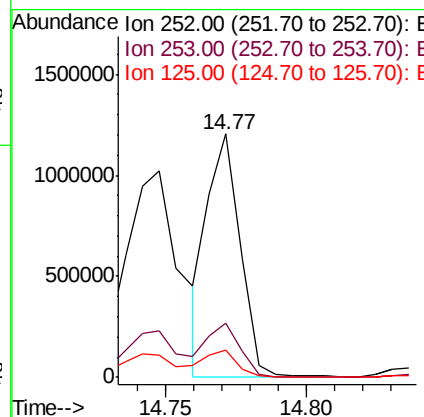
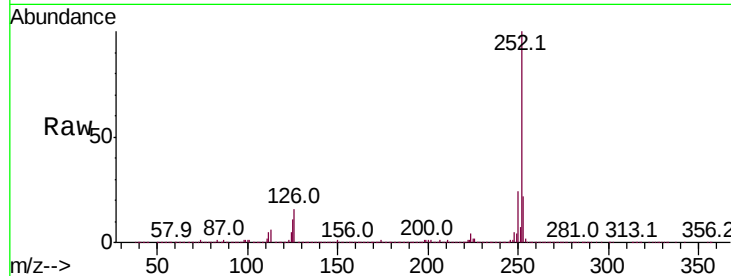
#89
Benzo(k)fluoranthene
Concen: 34.996 ng
RT: 14.77 min Scan# 2182
Delta R.T. 0.03 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.9	28.3
125	11.0	10.2	15.2

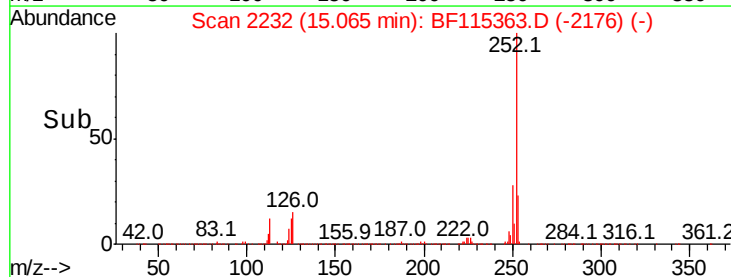
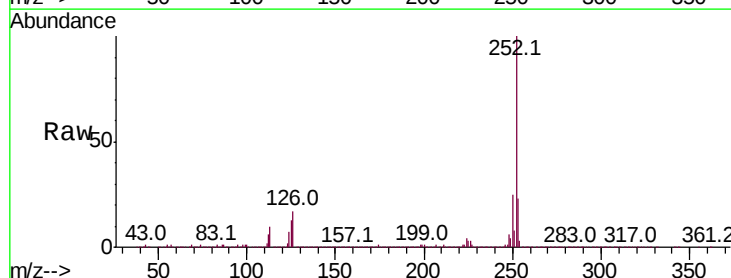
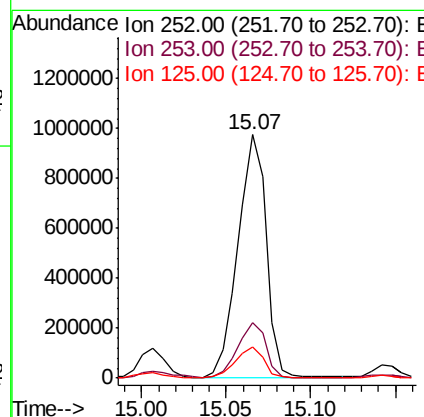
Manual Integrations
APPROVED

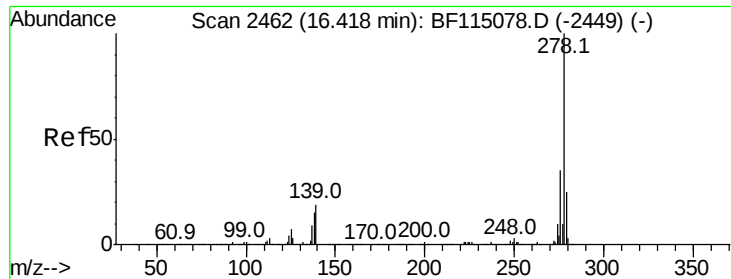
mohammad
7/3/2019 10:51:45 PM



#90
Benzo(a)pyrene
Concen: 40.299 ng
RT: 15.07 min Scan# 2232
Delta R.T. 0.03 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	12.8	10.9	16.3





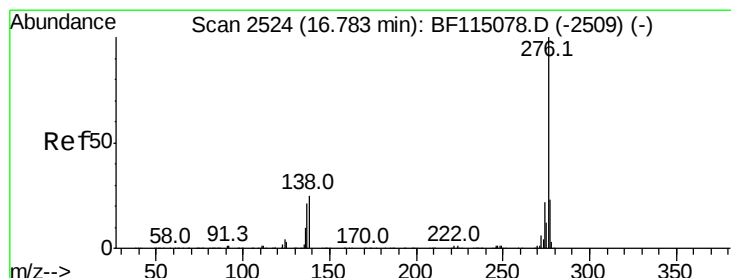
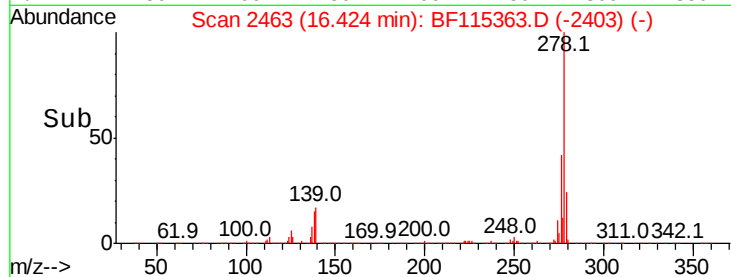
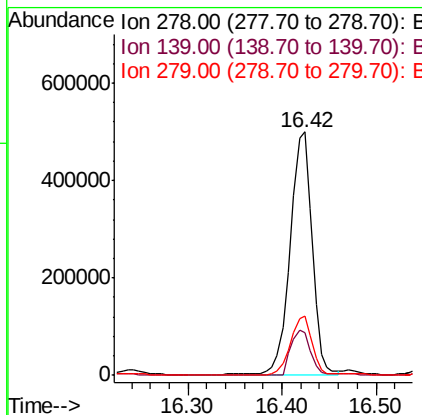
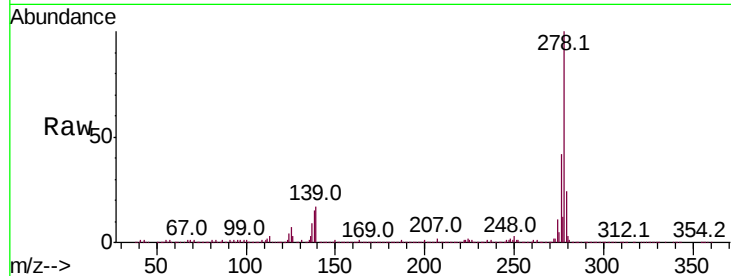
#91
Dibenzo(a,h)anthracene
Concen: 30.987 ng
RT: 16.42 min Scan# 2463
Delta R.T. 0.05 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Instrument :
BNA_F
ClientSampleId :
HJDC-COMP-1MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.5	15.4	23.2
279	24.3	19.9	29.9

Manual Integrations
APPROVED

mohammad
7/3/2019 10:51:45 PM



#92
Benzo(g,h,i)perylene
Concen: 30.566 ng
RT: 16.79 min Scan# 2525
Delta R.T. 0.05 min
Lab File: BF115363.D
Acq: 2 Jul 2019 16:54

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.6	28.0
138	24.6	19.8	29.6

