

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115099.D
 Acq On : 22 Jun 2019 00:57
 Operator : HP/JU
 Sample : PB120777BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:32 PM

Quant Time: Jun 22 05:37:45 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 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	285723	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	1131546	20.00	ng	0.00
39) Acenaphthene-d10	9.65	164	568777	20.00	ng	0.00
64) Phenanthrene-d10	11.12	188	1123683	20.00	ng	0.00
76) Chrysene-d12	13.74	240	782271	20.00	ng	0.00
87) Perylene-d12	15.11	264	820194	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.22	112	2202915	118.98	ng	0.02
7) Phenol-d6	6.27	99	2710595	120.62	ng	0.01
23) Nitrobenzene-d5	7.18	82	1685853	91.65	ng	0.00
42) 2,4,6-Tribromophenol	10.44	330	780129	130.07	ng	0.00
45) 2-Fluorobiphenyl	8.98	172	3054525	91.22	ng	0.00
79) Terphenyl-d14	12.71	244	3267862	88.82	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.30	88	292603	33.485	ng	99
3) Pyridine	2.94	79	846133	34.355	ng	99
4) n-Nitrosodimethylamine	2.89	42	373923	38.728	ng	99
6) Aniline	6.28	93	704439	22.808	ng	# 4
8) 2-Chlorophenol	6.40	128	842338	40.459	ng	98
9) Benzaldehyde	6.15	77	225326	15.368	ng	98
10) Phenol	6.27	94	986016	37.456	ng	94
11) bis(2-Chloroethyl)ether	6.36	93	769489	39.655	ng	99
12) 1,3-Dichlorobenzene	6.55	146	895222	38.744	ng	98
13) 1,4-Dichlorobenzene	6.63	146	896413	38.689	ng	99
14) 1,2-Dichlorobenzene	6.79	146	829232	38.647	ng	98
15) Benzyl Alcohol	6.77	79	644596	39.391	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1123029	39.903	ng	99
17) 2-Methylphenol	6.88	107	728106	42.369	ng	98
18) Hexachloroethane	7.13	117	327525	39.210	ng	99
19) n-Nitroso-di-n-propylamine	7.05	70	568284	39.498	ng	99
20) 3+4-Methylphenols	7.04	107	825021	41.577	ng	# 88
22) Acetophenone	7.03	105	1134728	43.804	ng	# 98
24) Nitrobenzene	7.20	77	869859	42.924	ng	96
25) Isophorone	7.44	82	1641965	43.574	ng	99
26) 2-Nitrophenol	7.51	139	472102	47.174	ng	97
27) 2,4-Dimethylphenol	7.57	122	800101	48.830	ng	99
28) bis(2-Chloroethoxy)methane	7.66	93	1020917	42.866	ng	99
29) 2,4-Dichlorophenol	7.75	162	755611	44.685	ng	96
30) 1,2,4-Trichlorobenzene	7.84	180	801385	42.905	ng	99
31) Naphthalene	7.92	128	2414226	43.465	ng	100
32) Benzoic acid	7.71	122	622915	53.258	ng	100
33) 4-Chloroaniline	7.97	127	417860	16.461	ng	99
34) Hexachlorobutadiene	8.05	225	428297	41.844	ng	99
35) Caprolactam	8.35	113	252737m	44.455	ng	
36) 4-Chloro-3-methylphenol	8.46	107	767319	44.807	ng	99
37) 2-Methylnaphthalene	8.61	142	1671480	44.631	ng	99
38) 1-Methylnaphthalene	8.71	142	1604737	44.865	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	673054	41.876	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062119\
 Data File : BF115099.D
 Acq On : 22 Jun 2019 00:57
 Operator : HP/JU
 Sample : PB120777BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

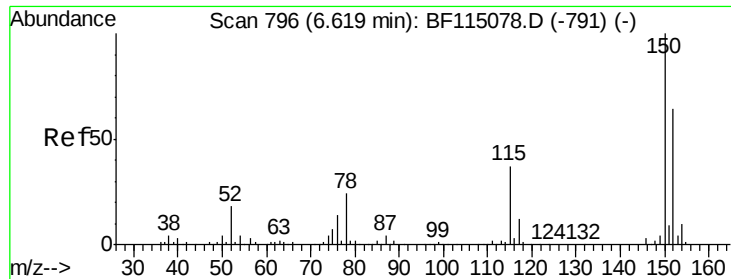
Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:32 PM

Quant Time: Jun 22 05:37:45 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 21 17:55:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	750980	78.797	ng	99
43) 2,4,6-Trichlorophenol	8.89	196	571309	46.041	ng	100
44) 2,4,5-Trichlorophenol	8.93	196	561699	43.956	ng	98
46) 1,1'-Biphenyl	9.08	154	1920620	42.202	ng	98
47) 2-Chloronaphthalene	9.10	162	1554096	42.098	ng	97
48) 2-Nitroaniline	9.19	65	466783	43.371	ng	96
49) Acenaphthylene	9.51	152	2416094	42.007	ng	99
50) Dimethylphthalate	9.39	163	1798521	42.979	ng	99
51) 2,6-Dinitrotoluene	9.44	165	432562	44.774	ng	99
52) Acenaphthene	9.68	154	1670184	46.406	ng	99
53) 3-Nitroaniline	9.60	138	310841	26.366	ng	93
54) 2,4-Dinitrophenol	9.71	184	456803	90.798	ng	95
55) Dibenzofuran	9.85	168	2120435	41.049	ng	98
56) 4-Nitrophenol	9.77	139	805387	85.211	ng	96
57) 2,4-Dinitrotoluene	9.84	165	589458	47.254	ng	# 90
58) Fluorene	10.20	166	1460794	42.041	ng	97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	494047	46.108	ng	99
60) Diethylphthalate	10.09	149	1808762	43.000	ng	99
61) 4-Chlorophenyl-phenylether	10.19	204	707196	42.962	ng	95
62) 4-Nitroaniline	10.22	138	489752	41.409	ng	99
63) Azobenzene	10.35	77	1693001	43.091	ng	97
65) 4,6-Dinitro-2-methylphenol	10.24	198	276483	46.424	ng	83
66) n-Nitrosodiphenylamine	10.31	169	1519423	43.402	ng	99
67) 4-Bromophenyl-phenylether	10.68	248	522063	42.852	ng	96
68) Hexachlorobenzene	10.74	284	561425	42.455	ng	# 92
69) Atrazine	10.84	200	493160	43.792	ng	99
70) Pentachlorophenol	10.93	266	671767	79.739	ng	98
71) Phenanthrene	11.15	178	2415494	39.925	ng	99
72) Anthracene	11.20	178	2500486	40.944	ng	98
73) Carbazole	11.35	167	2324771	42.629	ng	98
74) Di-n-butylphthalate	11.70	149	2685756	42.619	ng	98
75) Fluoranthene	12.32	202	2564374	42.482	ng	99
77) Benzidine	12.44	184	559005	16.093	ng	98
78) Pyrene	12.55	202	2580082	42.917	ng	98
80) Butylbenzylphthalate	13.19	149	1228686	46.312	ng	96
81) Benzo(a)anthracene	13.73	228	2365418	42.141	ng	99
82) 3,3'-Dichlorobenzidine	13.70	252	585450	28.883	ng	98
83) Chrysene	13.77	228	2186844	42.532	ng	98
84) Bis(2-ethylhexyl)phthalate	13.76	149	1581956	45.506	ng	# 98
85) Di-n-octyl phthalate	14.37	149	2690424	46.062	ng	100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2719041	44.691	ng	99
88) Benzo(b)fluoranthene	14.74	252	2481048	48.479	ng	98
89) Benzo(k)fluoranthene	14.77	252	2290364	49.904	ng	99
90) Benzo(a)pyrene	15.06	252	2345083	50.839	ng	99
91) Dibenzo(a,h)anthracene	16.41	278	2201124	51.114	ng	100
92) Benzo(g,h,i)perylene	16.78	276	2292657	52.603	ng	99

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



#1

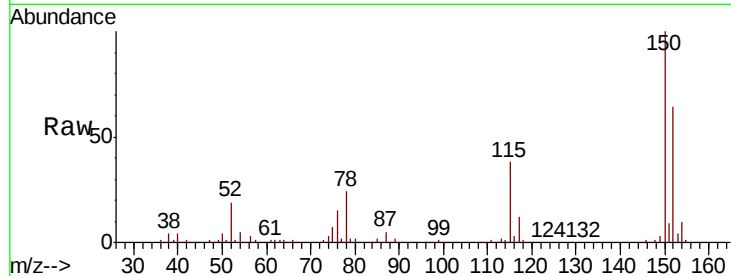
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.61 min Scan# 795
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.2	186.2
115	59.1	46.1	69.1

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM

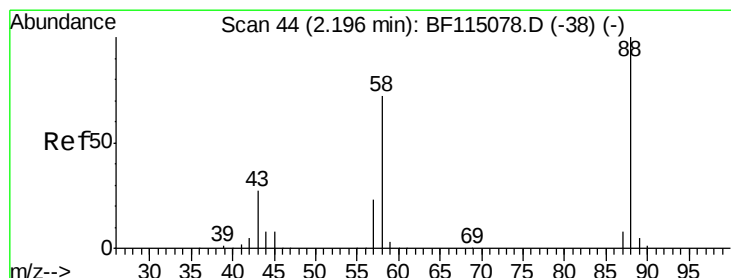
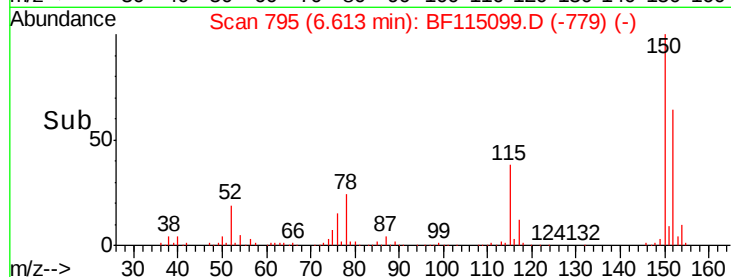
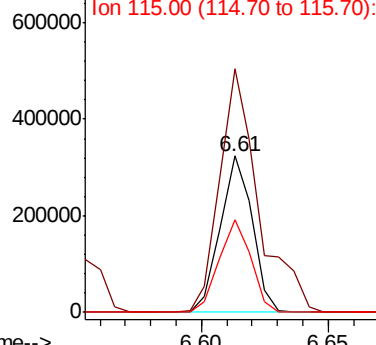


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

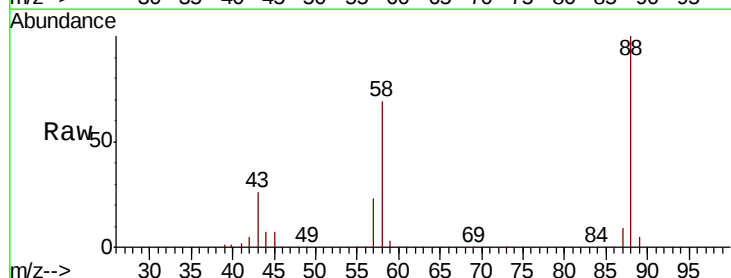
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 33.485 ng
RT: 2.30 min Scan# 61
Delta R.T. 0.10 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
88	100		
58	70.6	56.1	84.1
43	26.9	21.3	31.9

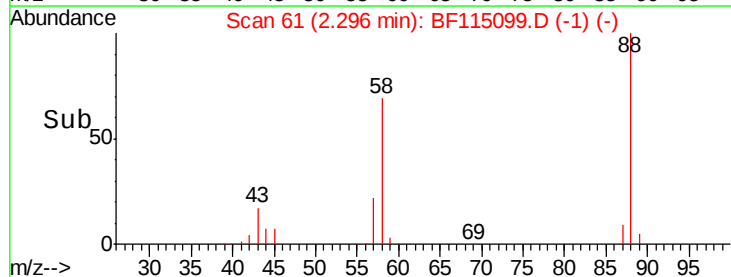
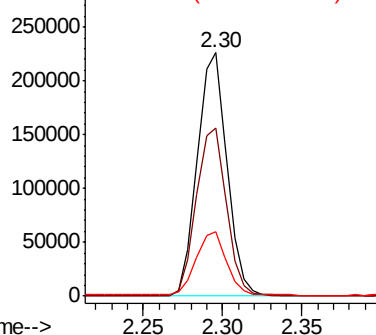


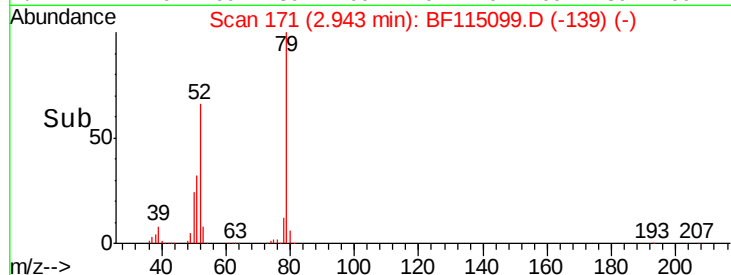
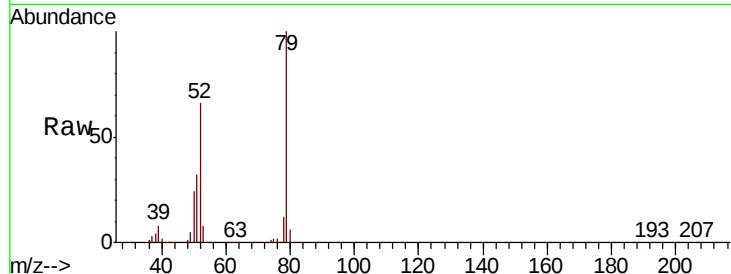
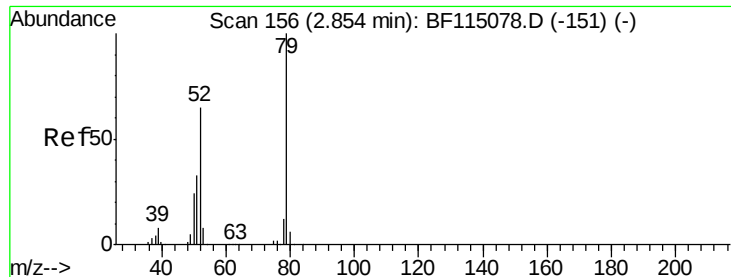
Abundance

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





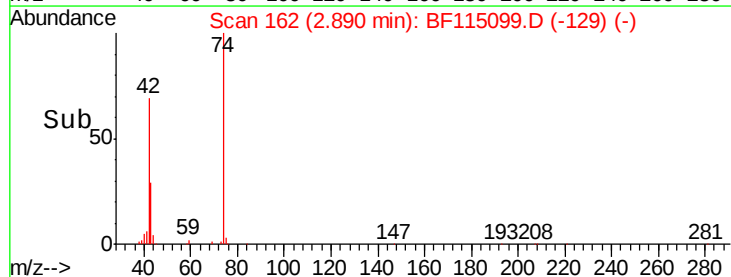
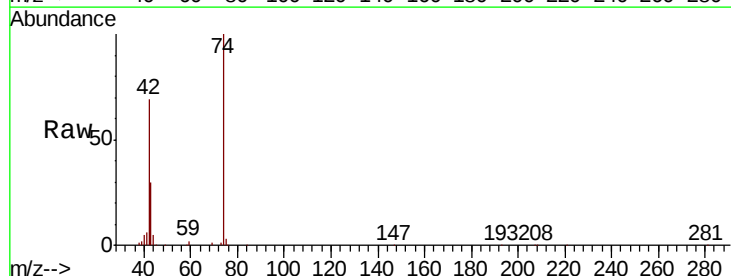
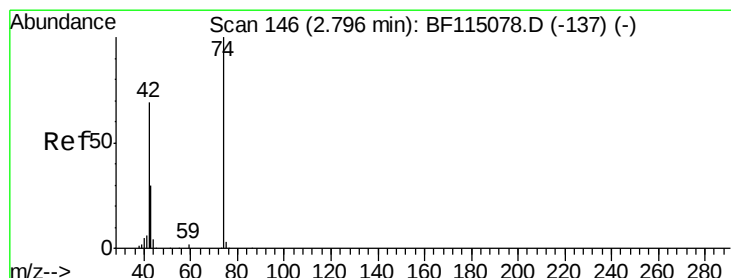
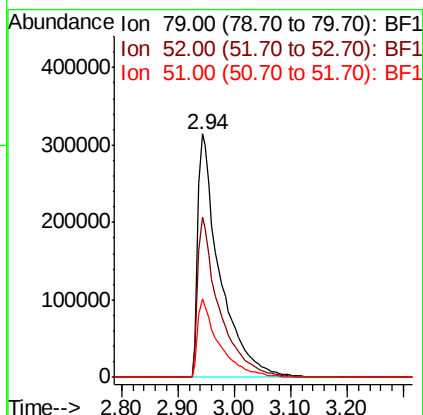
#3
Pvridine
Concen: 34.355 ng
RT: 2.94 min Scan# 171
Delta R.T. 0.09 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tot Ion	Ratio	Lower	Upper
79	100		
52	65.7	52.3	78.5
51	32.1	26.1	39.1

Instrument :
BNA_F
ClientSampleId :
PB120777BS

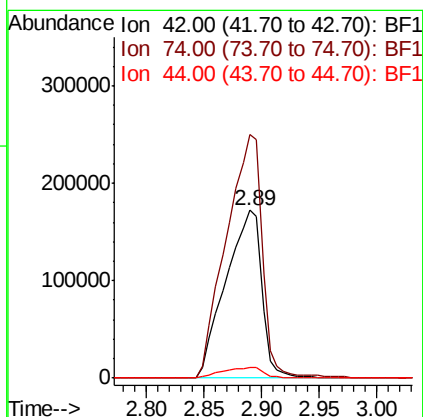
Manual Integrations
APPROVED

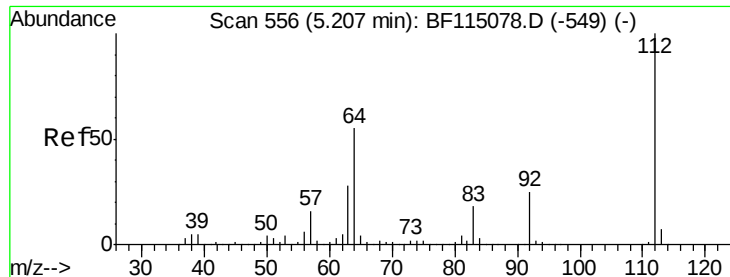
mohammad
6/25/2019 12:41:32 PM



#4
n-Nitrosodimethylamine
Concen: 38.728 ng
RT: 2.89 min Scan# 162
Delta R.T. 0.09 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
42	100		
74	145.0	116.6	175.0
44	6.7	5.3	7.9





#5

2-Fluorophenol

Concen: 118.978 ng

RT: 5.22 min Scan# 559

Delta R.T. 0.02 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

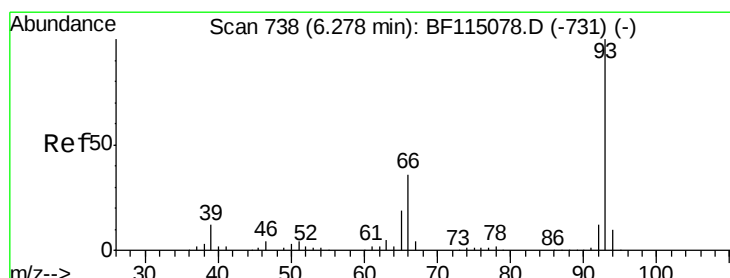
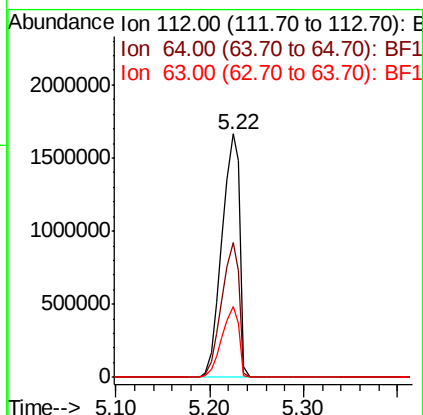
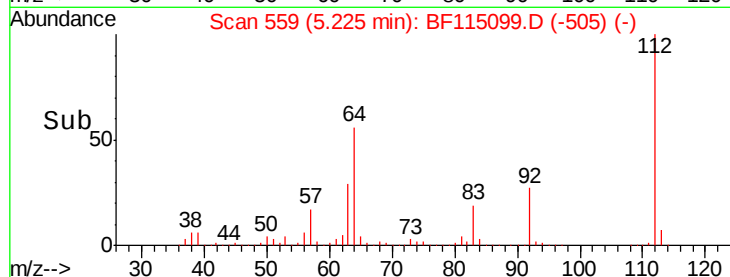
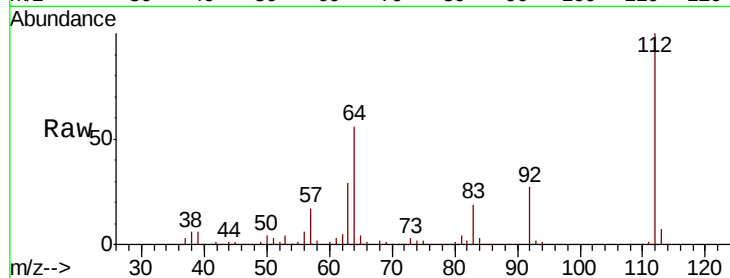
ClientSampleId :

PB120777BS

Tot Ion:	112	Resp:	2202915
Ion	Ratio	Lower	Upper
112	100		
64	55.6	43.8	65.6
63	28.8	22.2	33.4

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM



#6

Aniline

Concen: 22.808 ng

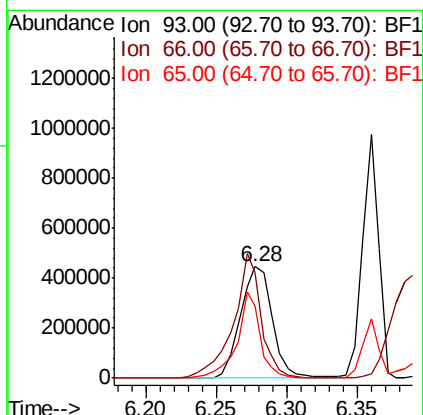
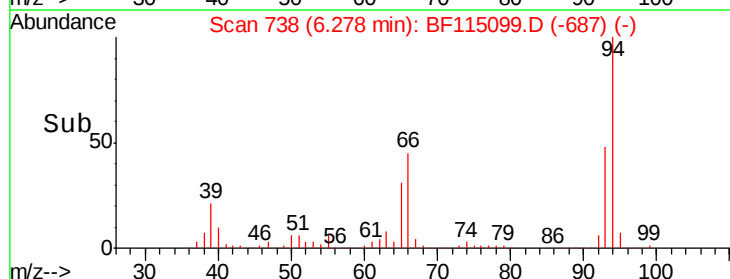
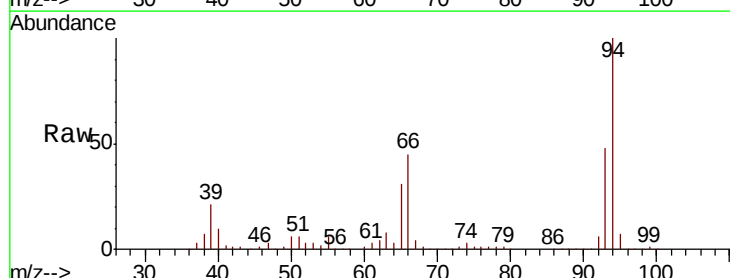
RT: 6.28 min Scan# 738

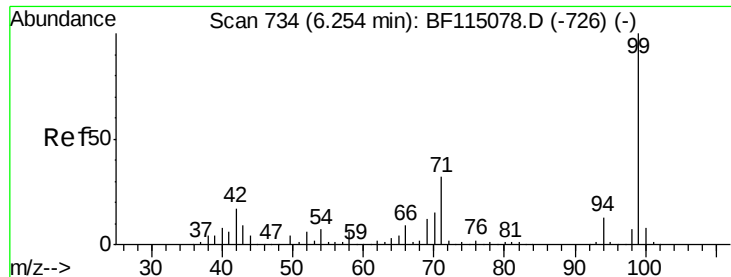
Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Tgt Ion:	93	Resp:	704439
Ion	Ratio	Lower	Upper
93	100		
66	94.6	30.0	45.0#
65	64.4	15.6	23.4#





#7

Phenol-d6

Concen: 120.615 ng

RT: 6.27 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion: 99 Resp: 2710595

Ion Ratio Lower Upper

99 100

42 16.7 13.6 20.4

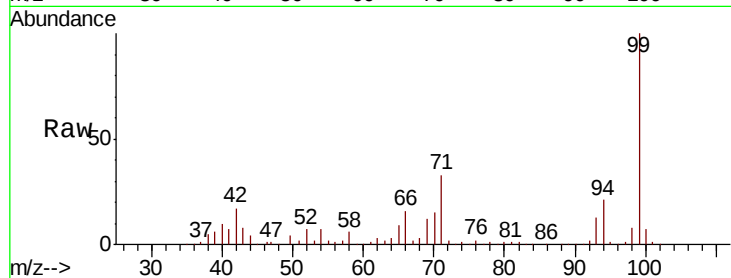
71 33.3 25.5 38.3

Manual Integrations

APPROVED

mohammad

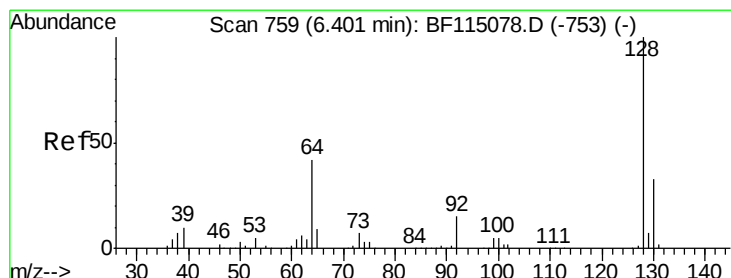
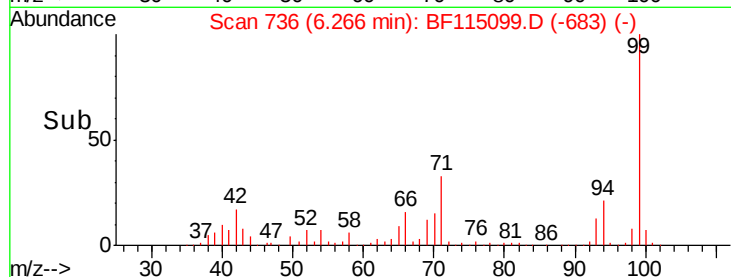
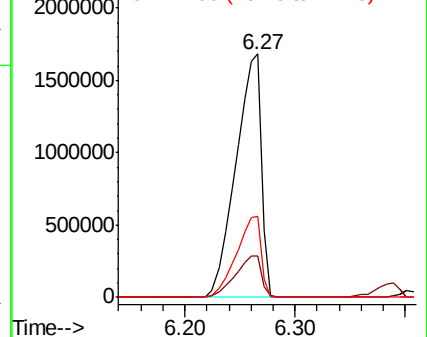
6/25/2019 12:41:32 PM



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: 40.459 ng

RT: 6.40 min Scan# 759

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

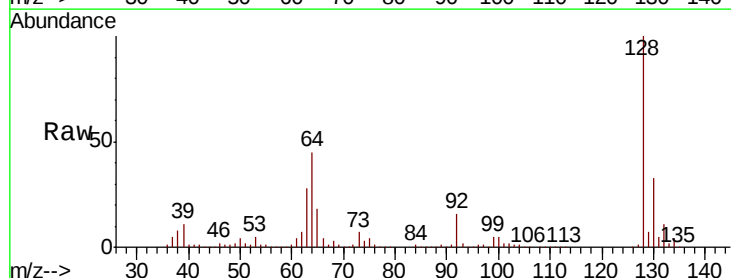
Tgt Ion:128 Resp: 842338

Ion Ratio Lower Upper

128 100

130 33.2 12.9 52.9

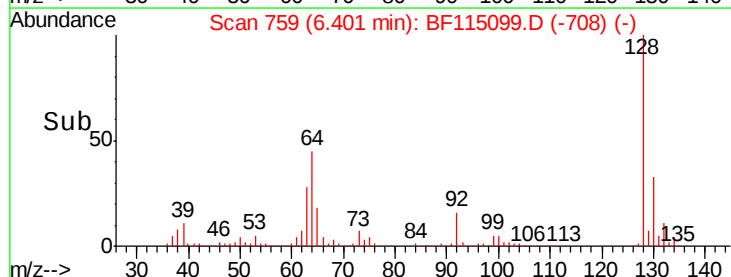
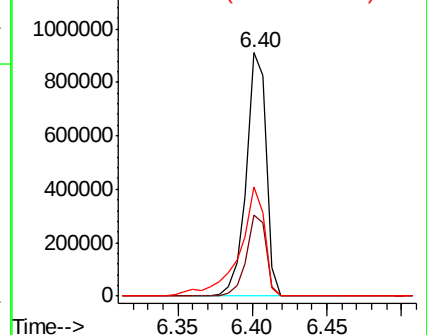
64 45.1 22.9 62.9



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: 15.368 ng

RT: 6.15 min Scan# 717

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

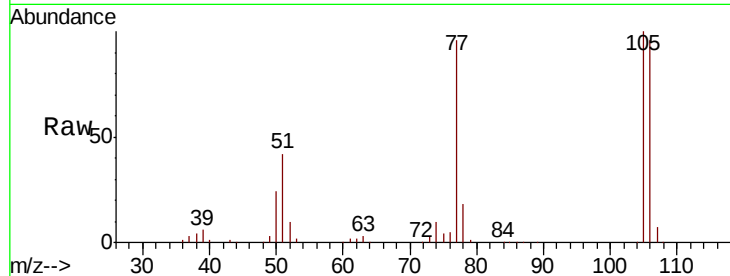
ClientSampleId :

PB120777BS

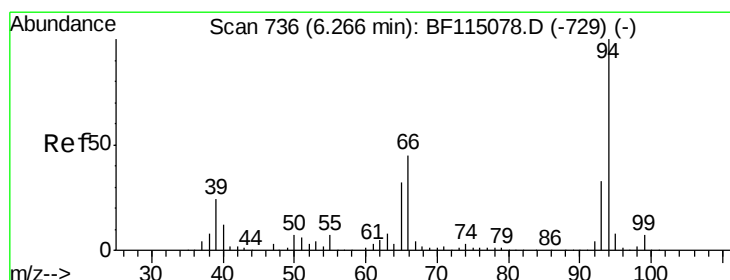
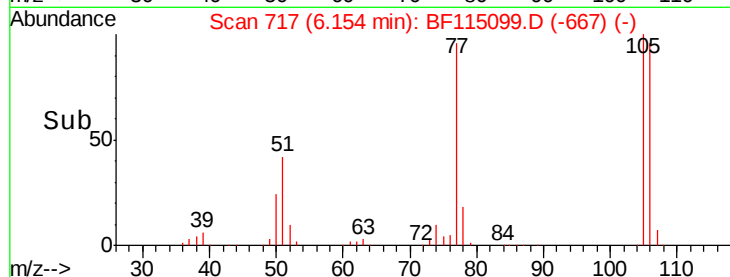
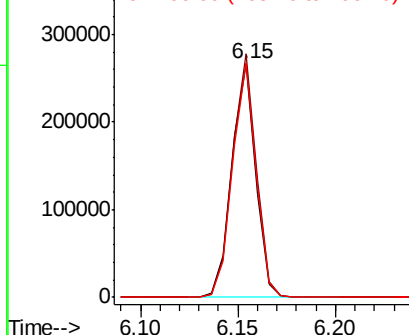
Tot Ion:	77	Resp:	225326
Ion	Ratio	Lower	Upper
77	100		
105	104.0	81.5	121.5
106	100.3	79.7	119.7

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM



Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 105.00 (104.70 to 105.70): E
Ion 106.00 (105.70 to 106.70): E



#10

Phenol

Concen: 37.456 ng

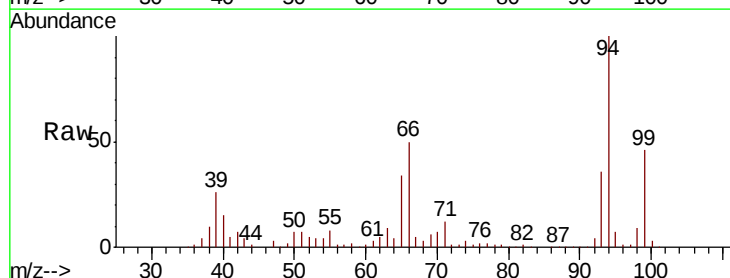
RT: 6.27 min Scan# 737

Delta R.T. 0.01 min

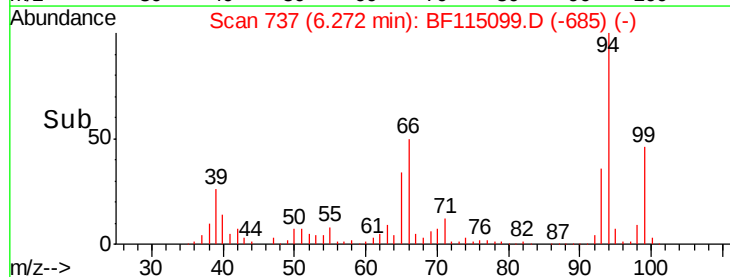
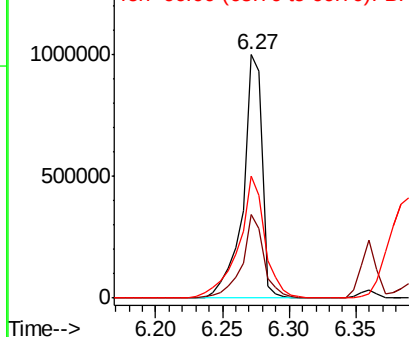
Lab File: BF115099.D

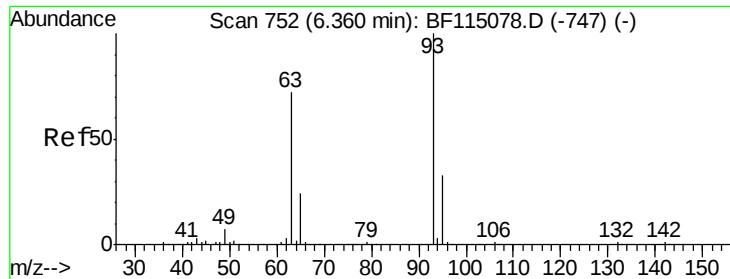
Acq: 22 Jun 2019 00:57

Tgt Ion:	94	Resp:	986016
Ion	Ratio	Lower	Upper
94	100		
65	34.3	11.9	51.9
66	50.1	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





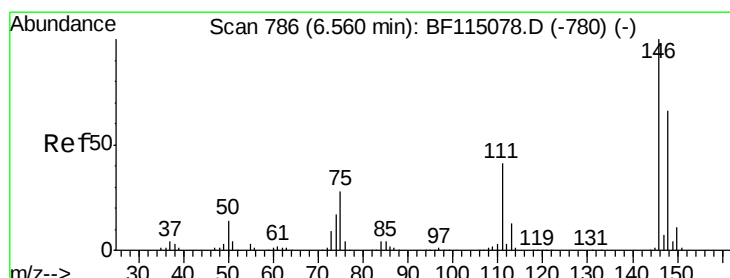
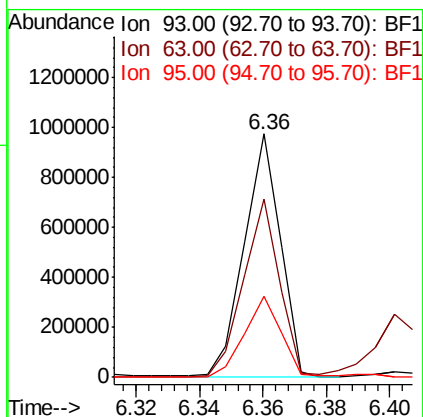
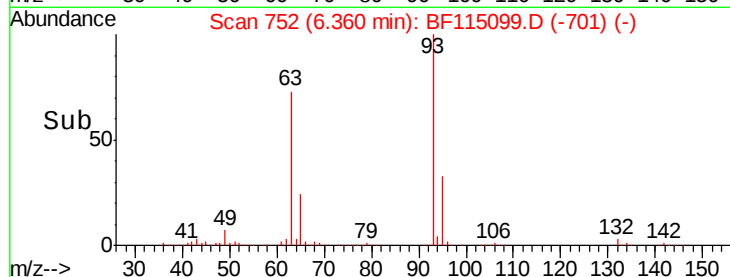
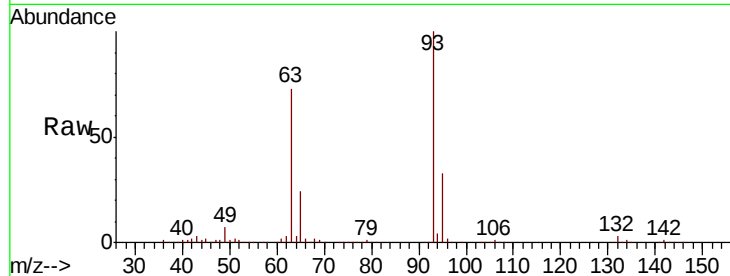
#11
bis(2-Chloroethyl)ether
Concen: 39.655 ng
RT: 6.36 min Scan# 752
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	93	Resp	769489
Ion Ratio	100	Lower	Upper
93	100		
63	73.1	51.5	91.5
95	33.1	13.4	53.4

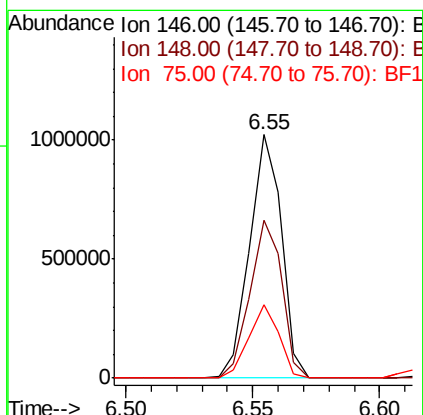
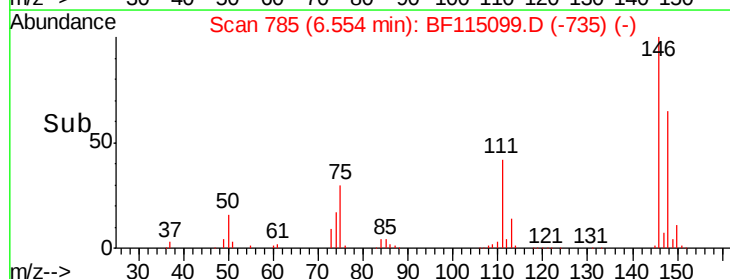
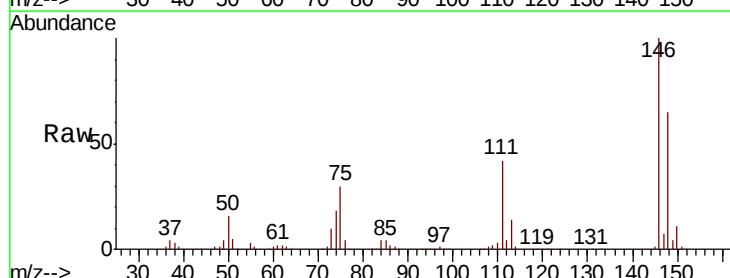
Manual Integrations
APPROVED

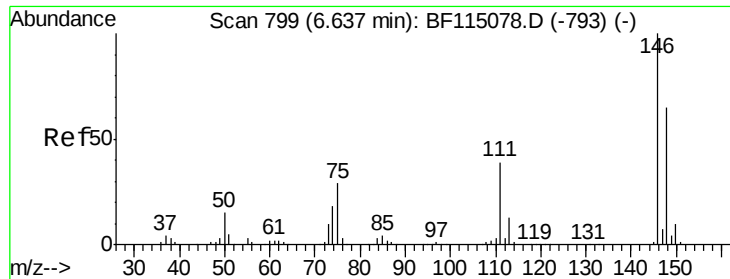
mohammad
6/25/2019 12:41:32 PM



#12
1,3-Dichlorobenzene
Concen: 38.744 ng
RT: 6.55 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	146	Resp	895222
Ion Ratio	100	Lower	Upper
146	100		
148	64.9	52.6	78.8
75	30.0	22.6	34.0





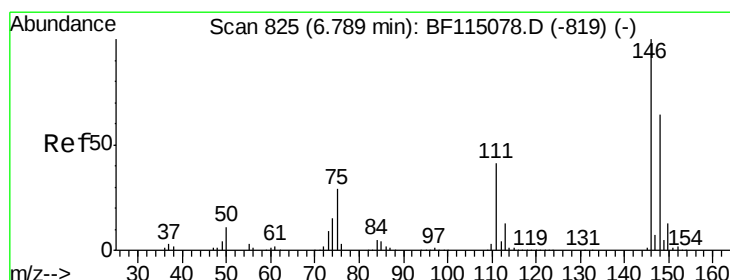
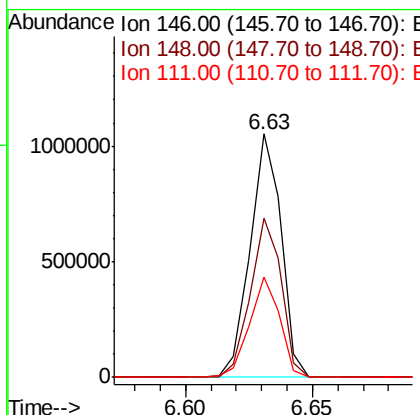
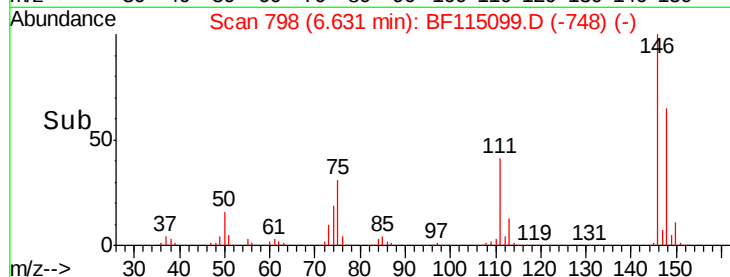
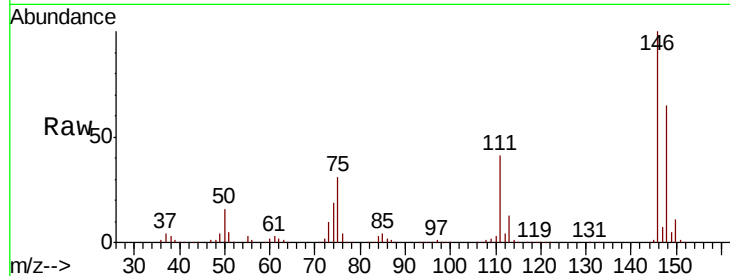
#13
 1,4-Dichlorobenzene
 Concen: 38.689 ng
 RT: 6.63 min Scan# 798
 Delta R.T. -0.01 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.9	77.9
111	41.0	31.4	47.0

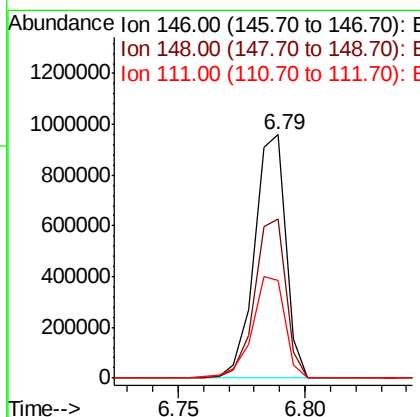
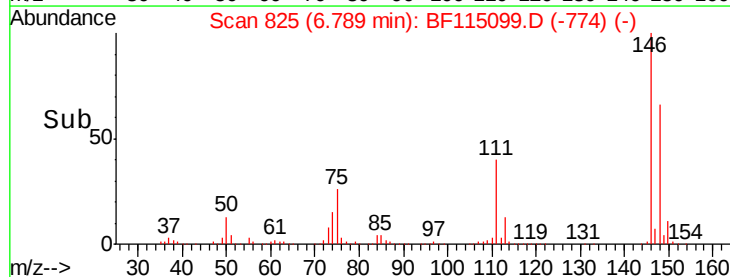
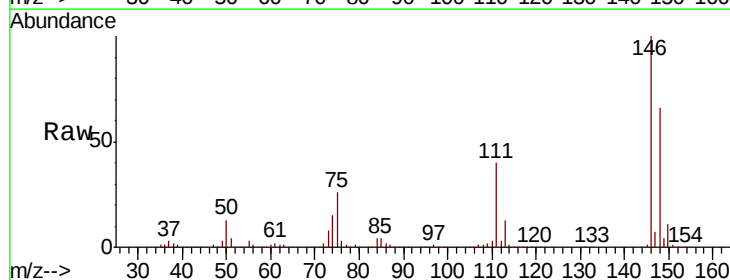
Manual Integrations
 APPROVED

mohammad
 6/25/2019 12:41:32 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.647 ng
 RT: 6.79 min Scan# 825
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.6	51.1	76.7
111	39.9	33.2	49.8





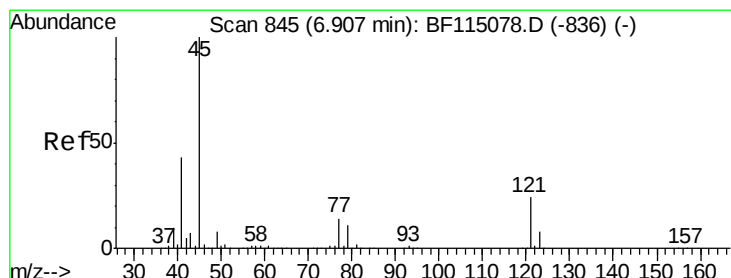
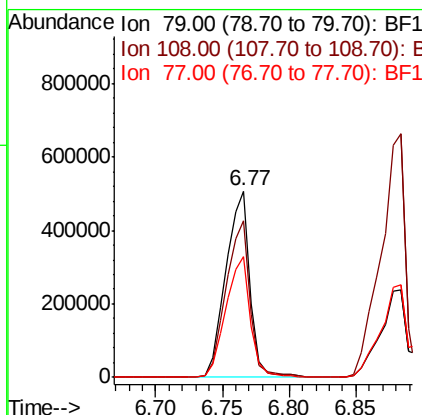
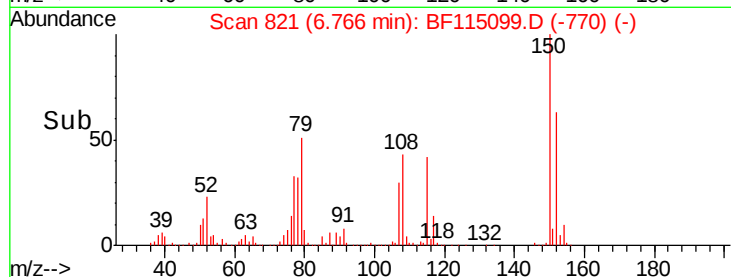
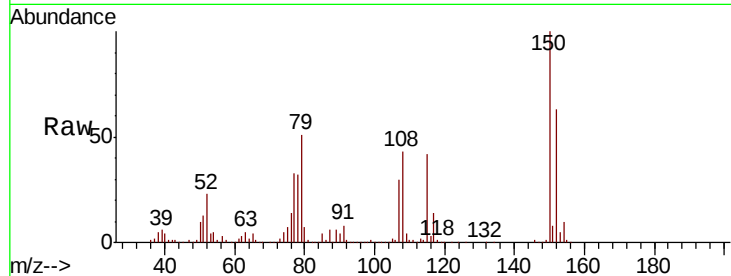
#15
Benzyl Alcohol
Concen: 39.391 ng
RT: 6.77 min Scan# 821
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampled :
PB120777BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	84.1	68.7	103.1
77	64.8	51.7	77.5

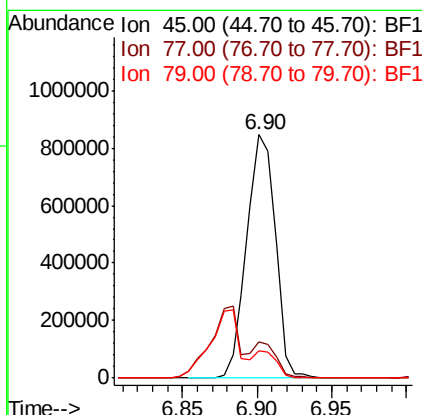
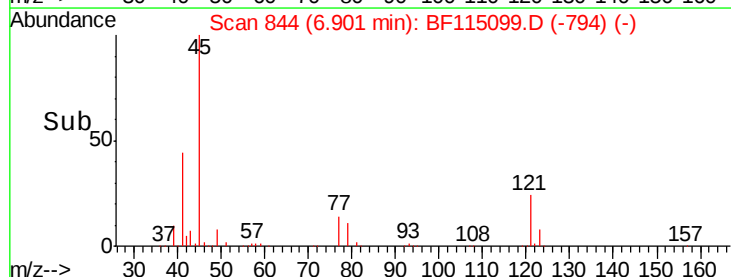
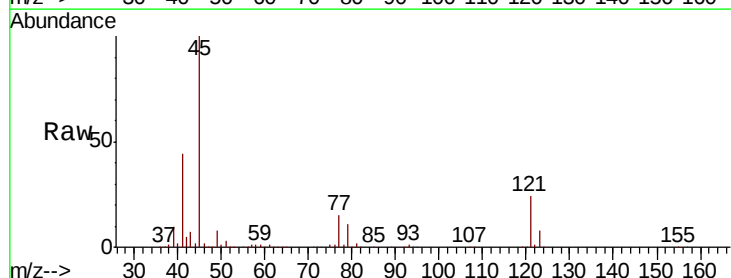
Manual Integrations
APPROVED

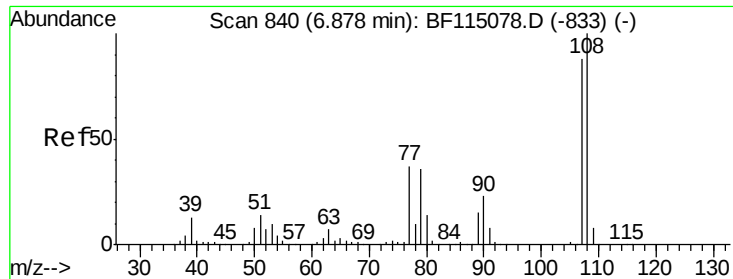
mohammad
6/25/2019 12:41:32 PM



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.903 ng
RT: 6.90 min Scan# 844
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.9	0.0	34.6
79	11.3	0.0	31.2





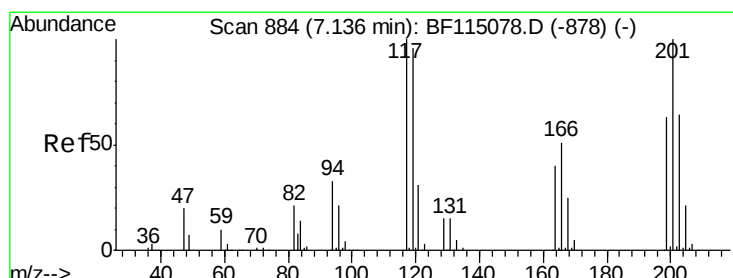
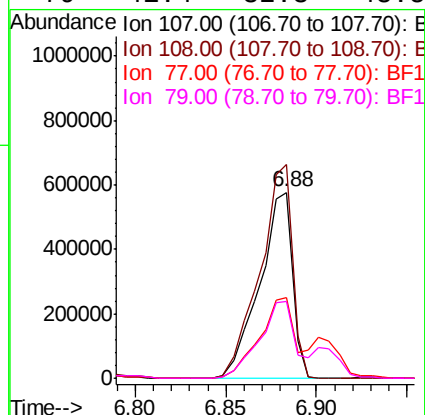
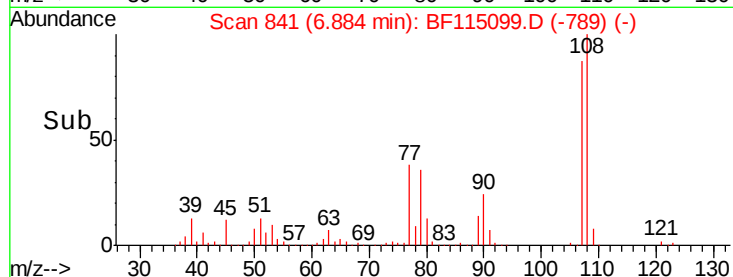
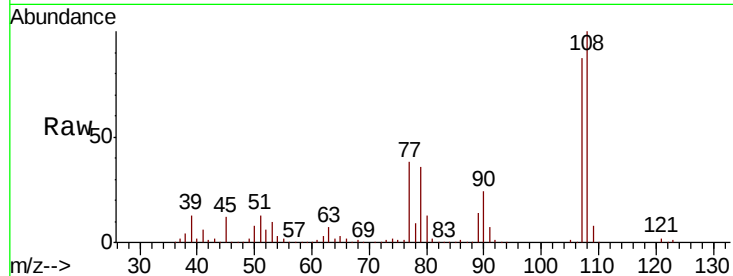
#17
2-Methylphenol
Concen: 42.369 ng
RT: 6.88 min Scan# 841
Delta R.T. 0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
107	107.00	100	728106		
108	108.00	115.0		90.9	136.3
77	77.00	43.5		33.4	50.2
79	79.00	41.4		32.3	48.5

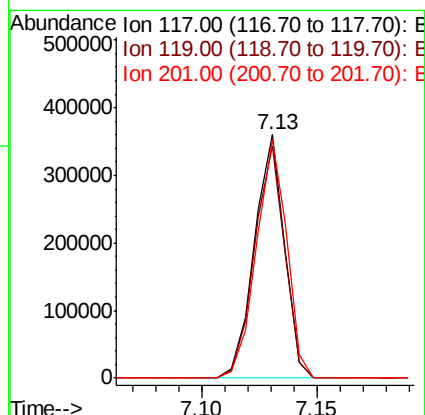
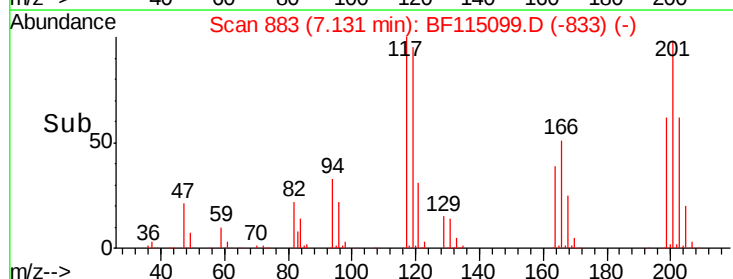
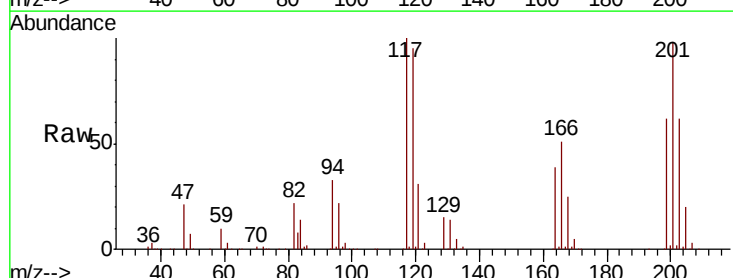
Manual Integrations
APPROVED

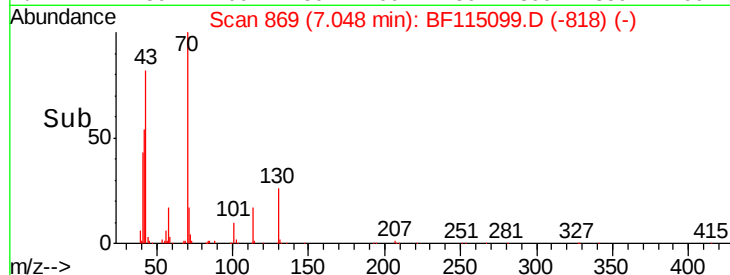
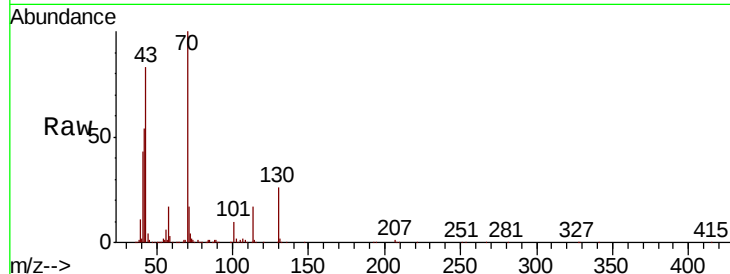
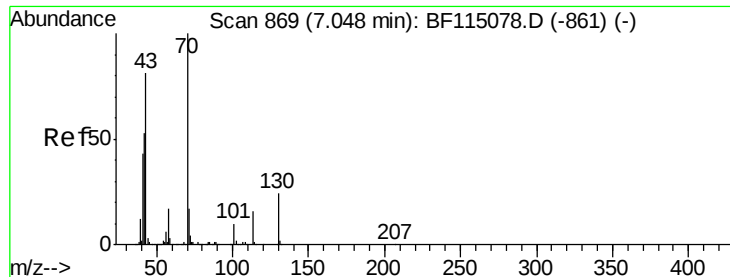
mohammad
6/25/2019 12:41:32 PM



#18
Hexachloroethane
Concen: 39.210 ng
RT: 7.13 min Scan# 883
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	117.00	100	327525		
119	119.00	95.1		76.6	114.8
201	201.00	98.0		80.2	120.2





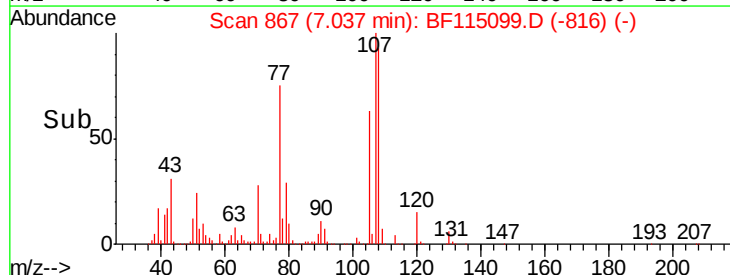
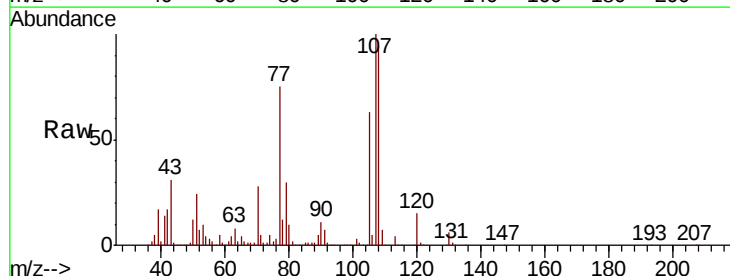
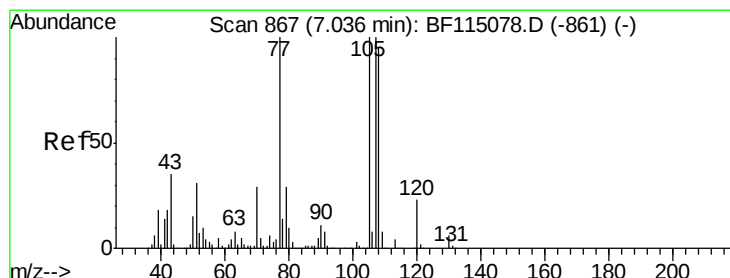
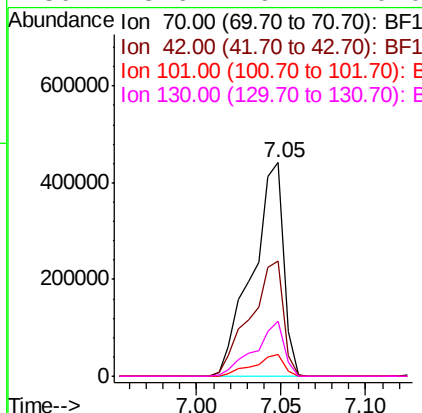
#19
n-Nitroso-di-n-propylamine
Concen: 39.498 ng
RT: 7.05 min Scan# 869
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
70	100		
42	53.7	42.6	63.8
101	10.4	8.0	12.0
130	25.6	19.4	29.0

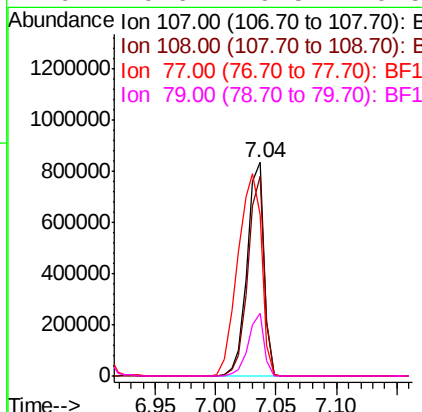
Manual Integrations
APPROVED

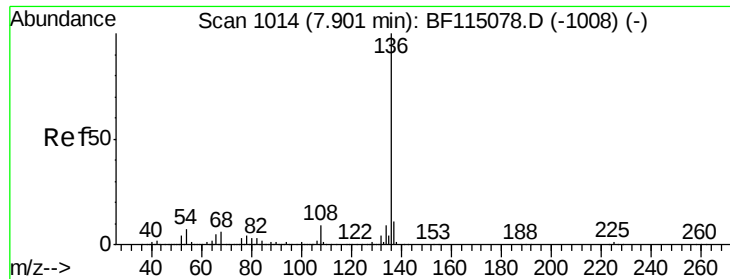
mohammad
6/25/2019 12:41:32 PM



#20
3+4-Methylphenols
Concen: 41.577 ng
RT: 7.04 min Scan# 867
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
107	100		
108	93.6	75.5	115.5
77	75.4	80.2	120.2#
79	29.6	9.5	49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.90 min Scan# 1013

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion:136 Resp: 1131546

Ion Ratio Lower Upper

136 100

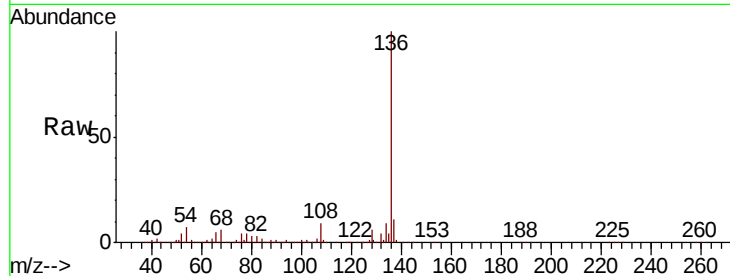
137 11.3 8.9 13.3

54 7.1 5.6 8.4

68 6.2 4.8 7.2

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM

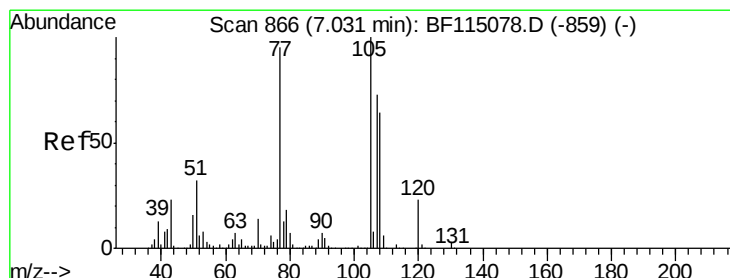
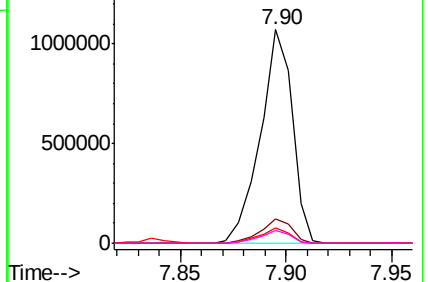
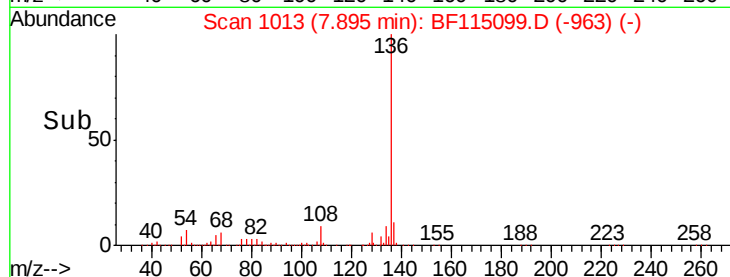


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 43.804 ng

RT: 7.03 min Scan# 866

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Tgt Ion:105 Resp: 1134728

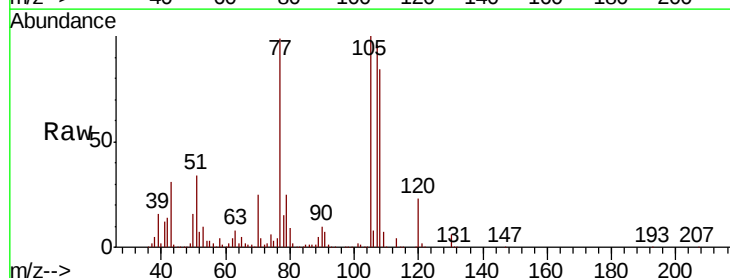
Ion Ratio Lower Upper

105 100

71 4.0 1.9 2.9#

51 33.9 25.8 38.8

120 23.0 18.5 27.7

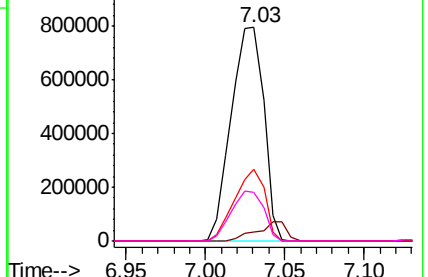
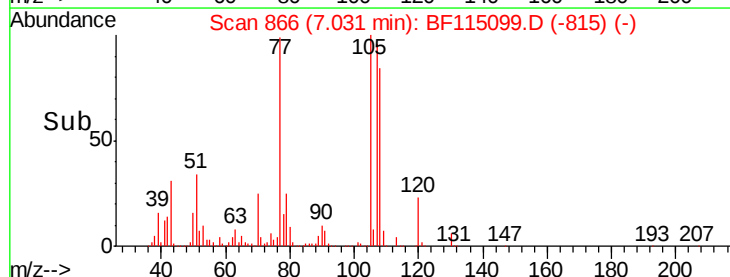


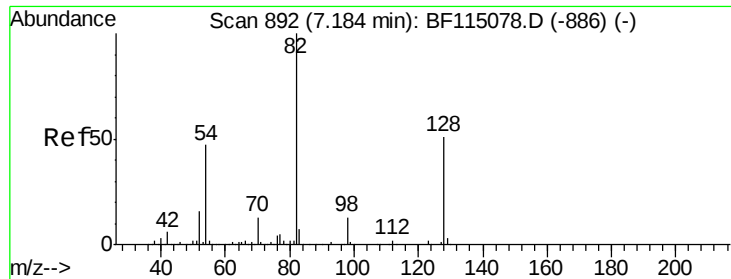
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 91.650 ng

RT: 7.18 min Scan# 892

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion: 82 Resp: 1685853

Ion Ratio Lower Upper

82 100

128 51.4 40.4 60.6

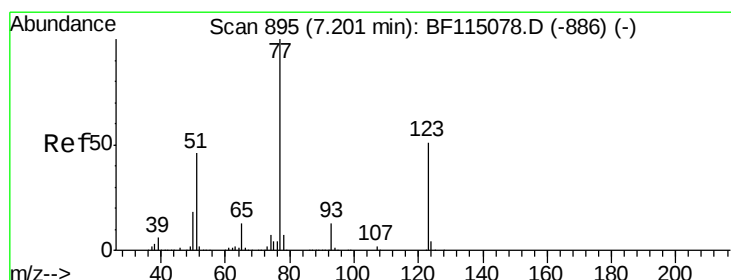
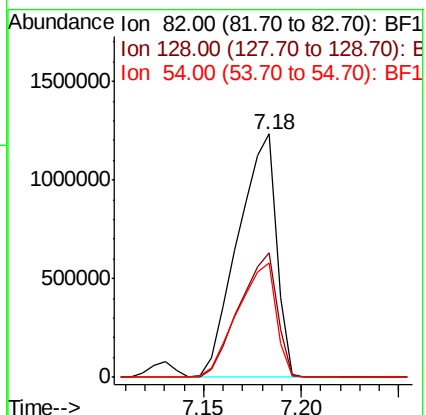
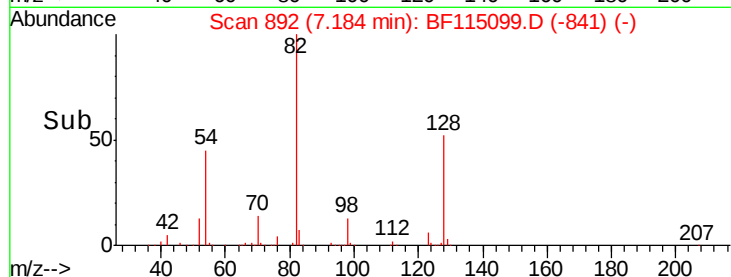
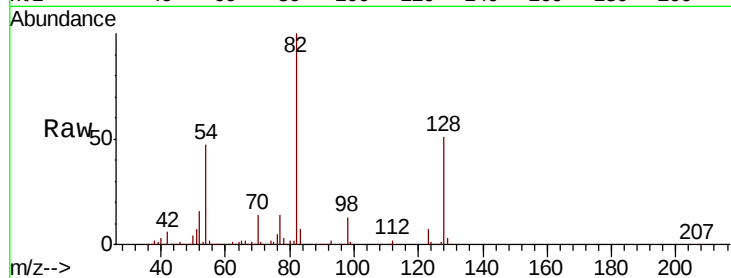
54 46.8 37.5 56.3

Manual Integrations

APPROVED

mohammad

6/25/2019 12:41:32 PM



#24

Nitrobenzene

Concen: 42.924 ng

RT: 7.20 min Scan# 895

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

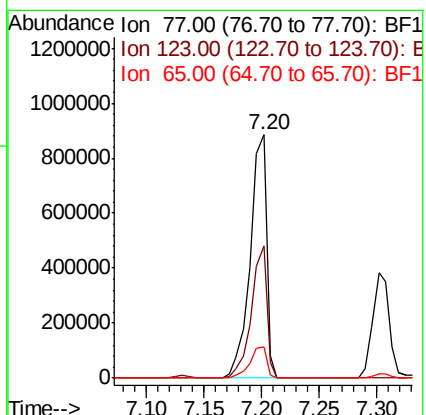
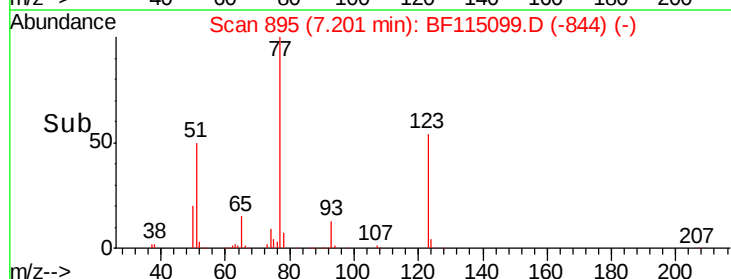
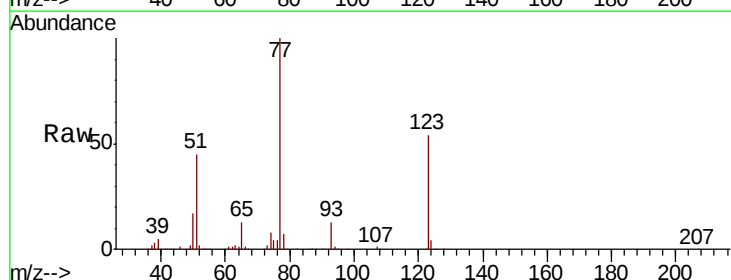
Tgt Ion: 77 Resp: 869859

Ion Ratio Lower Upper

77 100

123 54.2 41.0 61.6

65 12.8 10.5 15.7





#25

Isophorone

Concen: 43.574 ng

RT: 7.44 min Scan# 936

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleID :

PB120777BS

Tot Ion: 82 Resp: 1641965

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

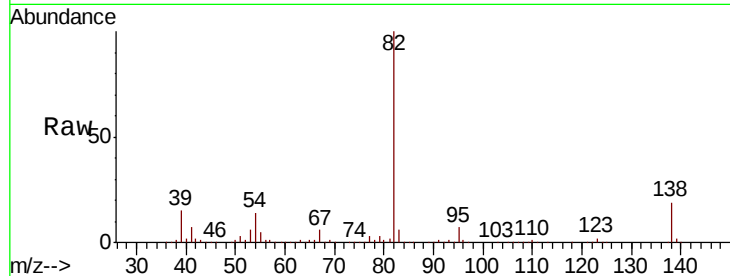
138 19.3 15.9 23.9

Manual Integrations

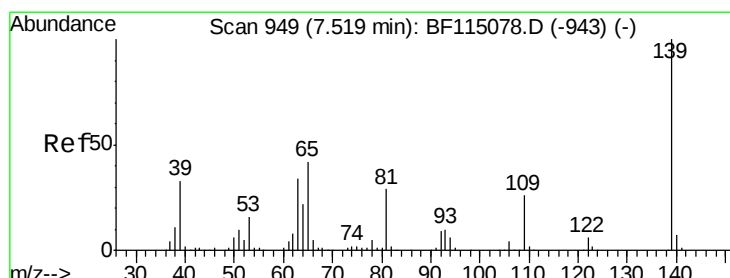
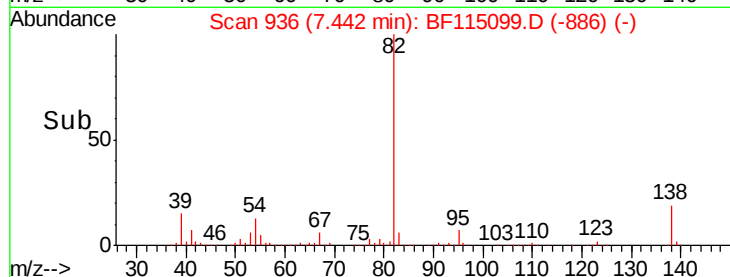
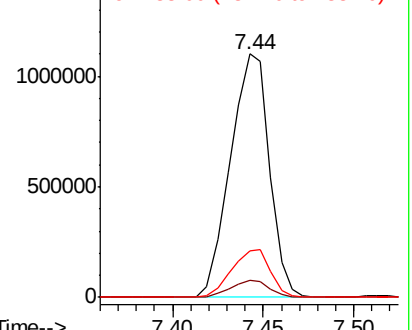
APPROVED

mohammad

6/25/2019 12:41:32 PM



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 47.174 ng

RT: 7.51 min Scan# 948

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

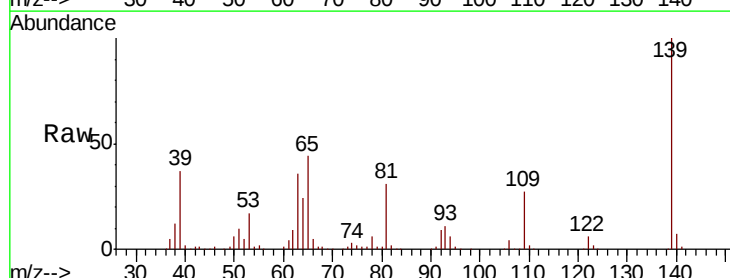
Tgt Ion: 139 Resp: 472102

Ion Ratio Lower Upper

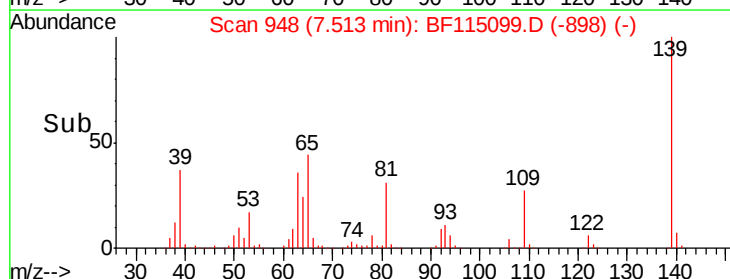
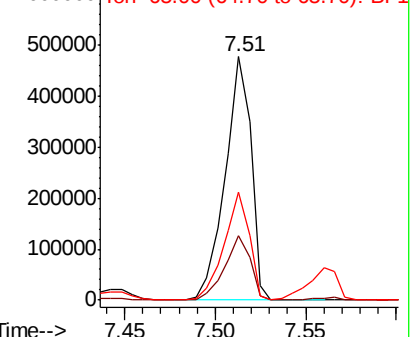
139 100

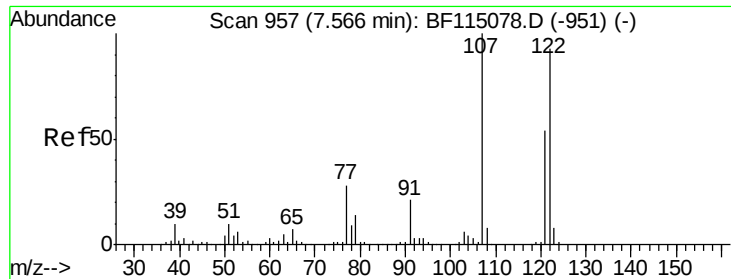
109 26.5 20.4 30.6

65 44.4 33.6 50.4



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





#27

2,4-Dimethylphenol

Concen: 48.830 ng

RT: 7.57 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

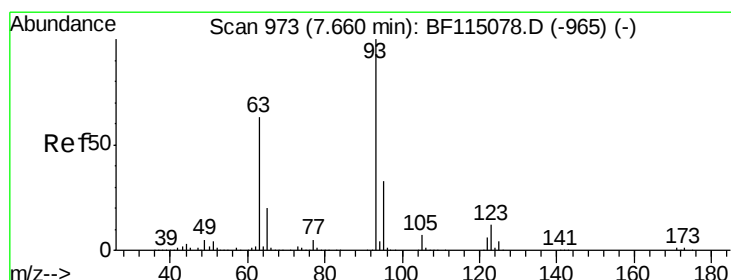
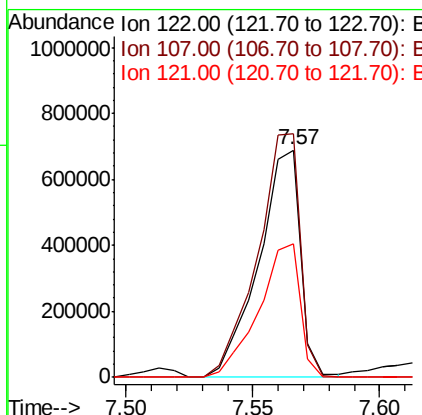
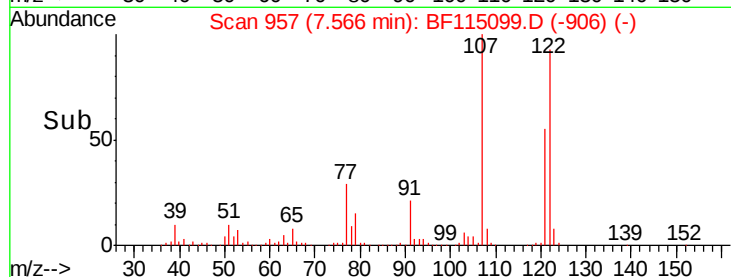
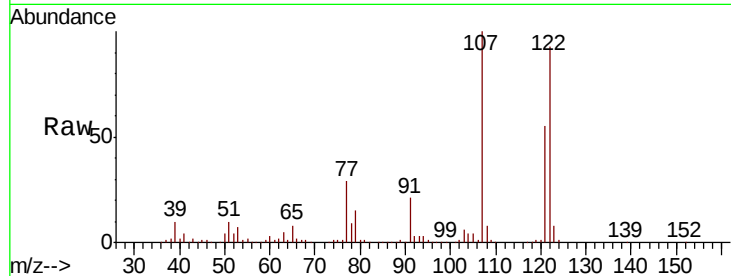
ClientSampled :

PB120777BS

Tot Ion:	122	Resp:	800101
Ion Ratio	Lower	Upper	
122	100		
107	107.0	85.8	128.6
121	58.7	46.3	69.5

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM



#28

bis(2-Chloroethoxy)methane

Concen: 42.866 ng

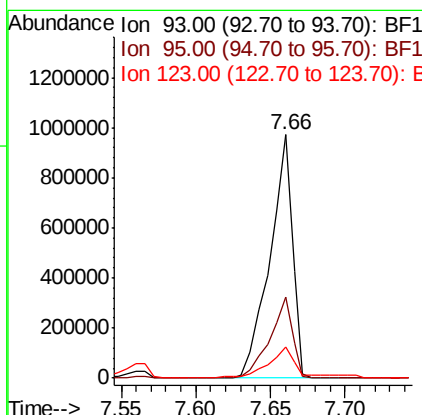
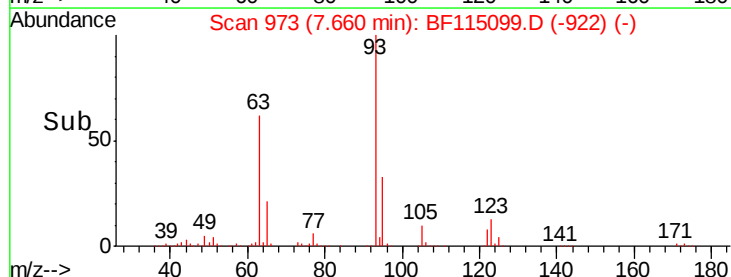
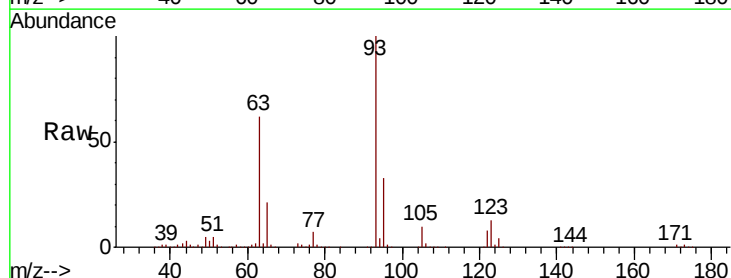
RT: 7.66 min Scan# 973

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Tgt Ion:	93	Resp:	1020917
Ion Ratio	Lower	Upper	
93	100		
95	33.4	26.2	39.4
123	13.0	9.7	14.5





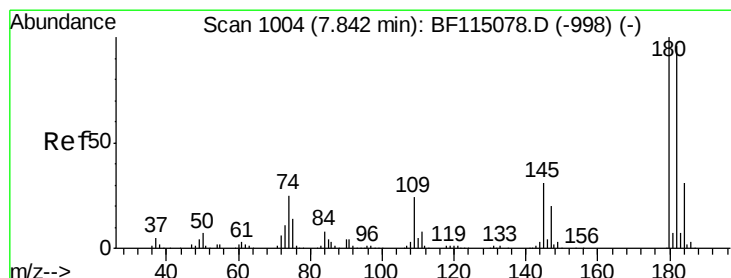
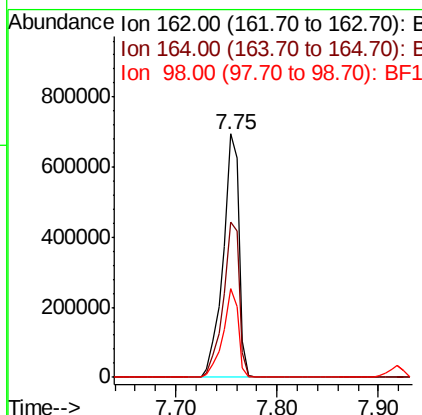
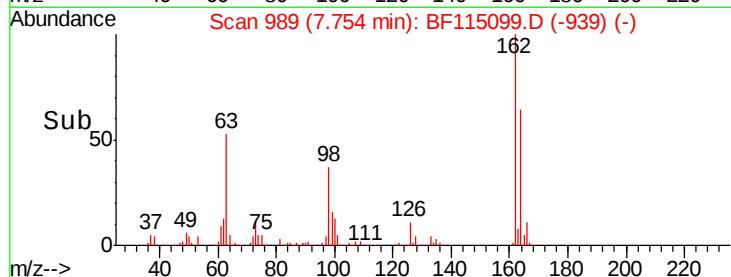
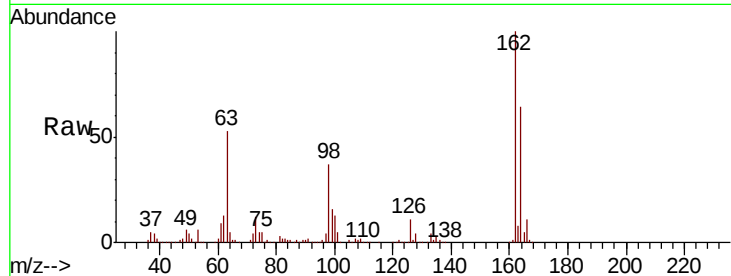
#29
 2,4-Dichlorophenol
 Concen: 44.685 ng
 RT: 7.75 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion:	162	Resp:	755611
Ion Ratio	Lower	Upper	
162	100		
164	64.0	45.3	85.3
98	36.7	12.5	52.5

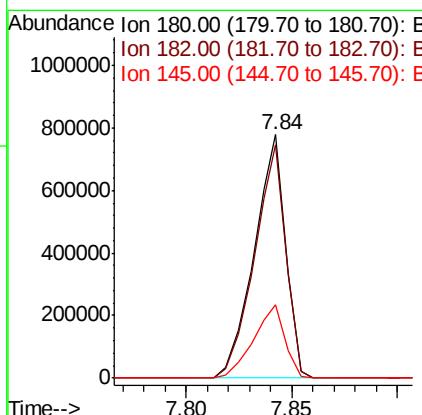
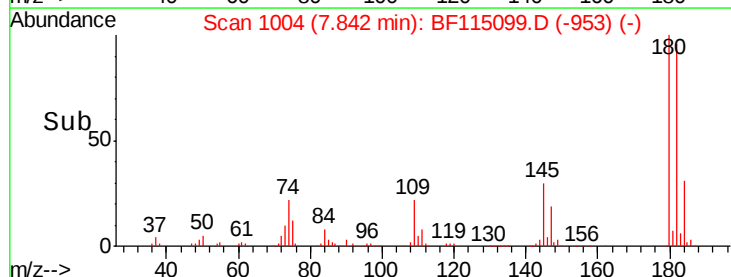
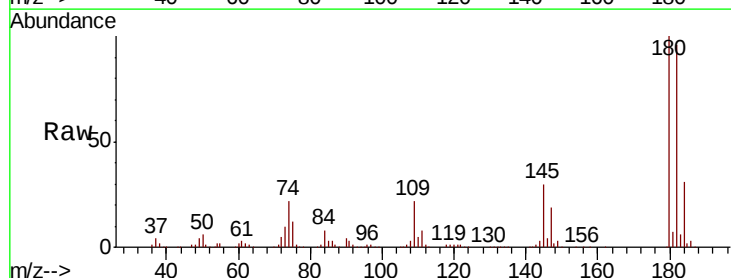
Manual Integrations
 APPROVED

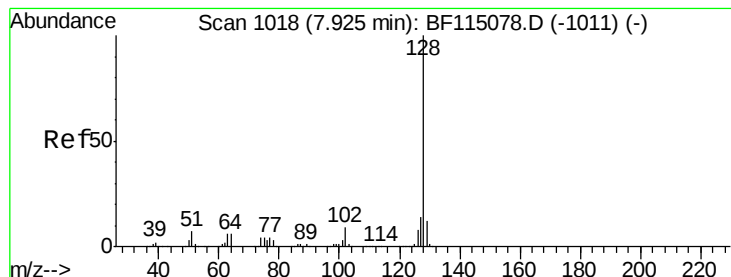
mohammad
 6/25/2019 12:41:32 PM



#30
 1,2,4-Trichlorobenzene
 Concen: 42.905 ng
 RT: 7.84 min Scan# 1004
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion:	180	Resp:	801385
Ion Ratio	Lower	Upper	
180	100		
182	96.1	76.4	114.6
145	30.0	24.8	37.2





#31

Naphthalene

Concen: 43.465 ng

RT: 7.92 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

ClientSampleId :

PB120777BS

Tot Ion:128 Resp: 2414226

Ion Ratio Lower Upper

128 100

129 12.0 9.6 14.4

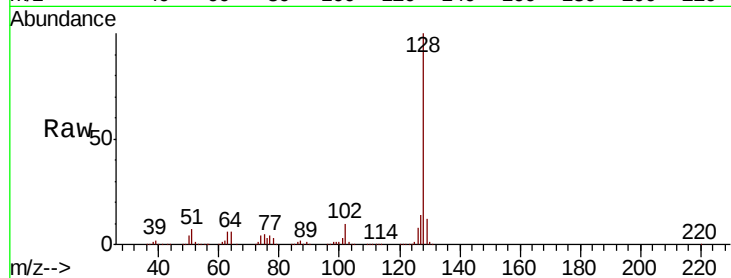
127 14.4 11.4 17.0

Manual Integrations

APPROVED

mohammad

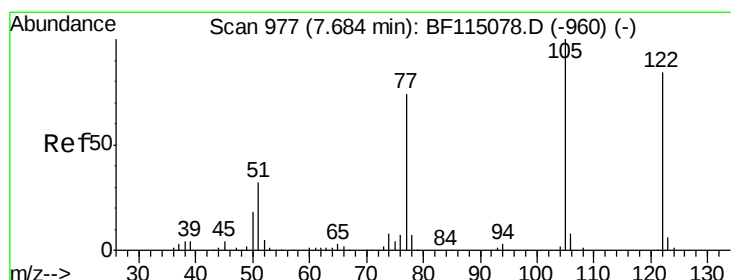
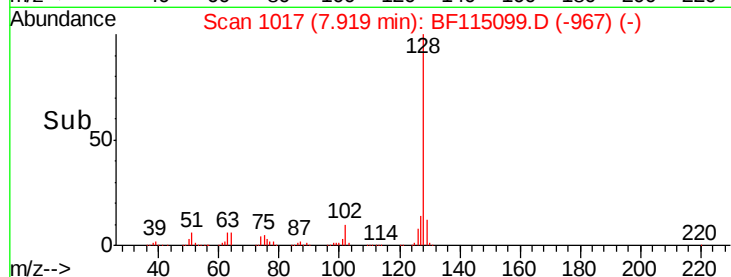
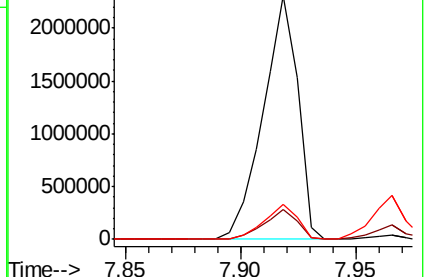
6/25/2019 12:41:32 PM



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 53.258 ng

RT: 7.71 min Scan# 981

Delta R.T. 0.02 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

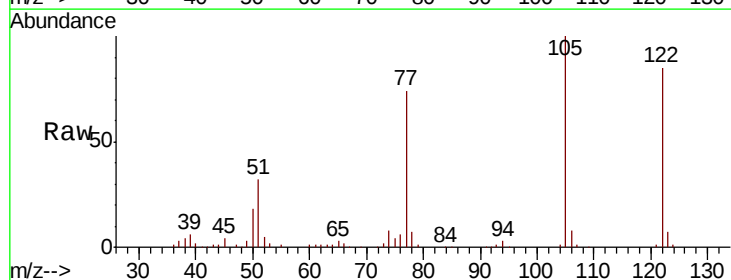
Tgt Ion:122 Resp: 622915

Ion Ratio Lower Upper

122 100

105 118.2 98.2 138.2

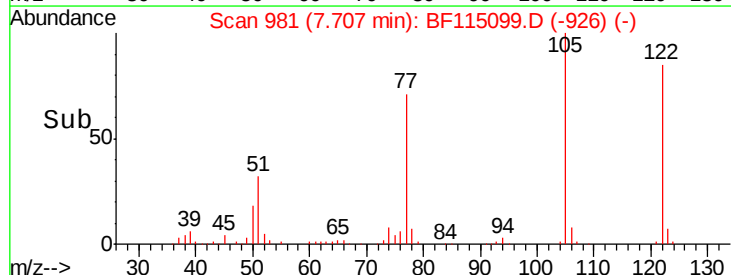
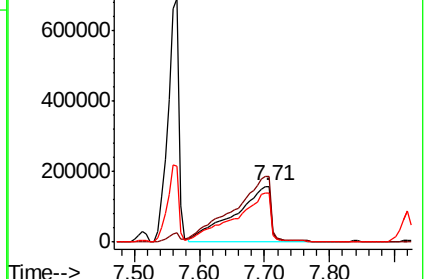
77 87.3 67.0 107.0



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





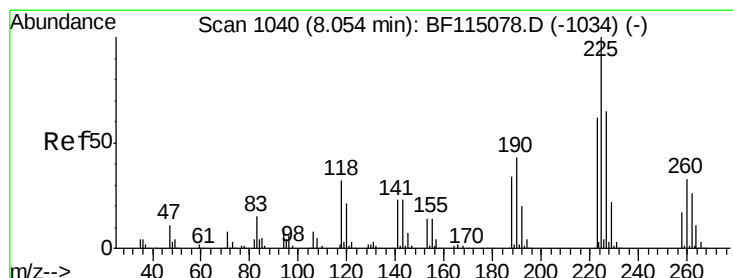
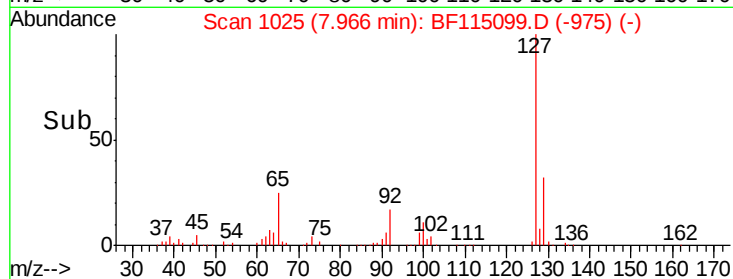
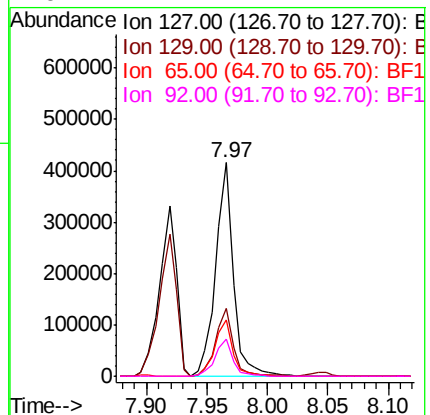
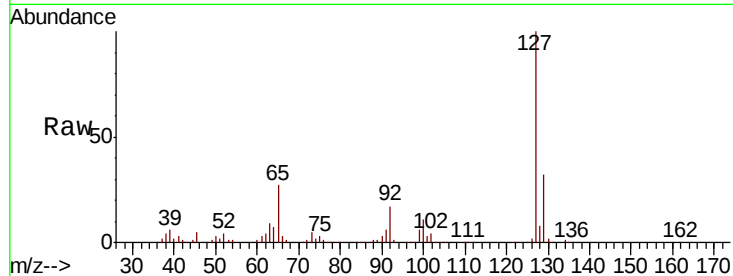
#33
4-Chloroaniline
Concen: 16.461 ng
RT: 7.97 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		417860		
129	32.0	26.1	39.1		
65	26.5	21.4	32.2		
92	17.4	14.1	21.1		

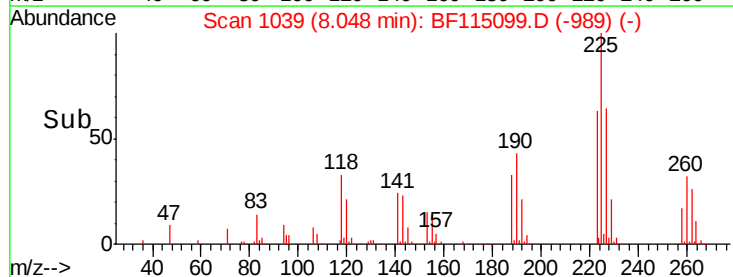
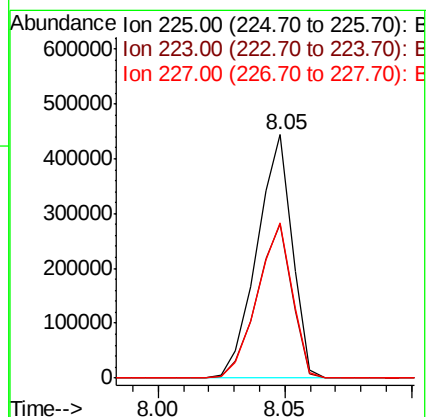
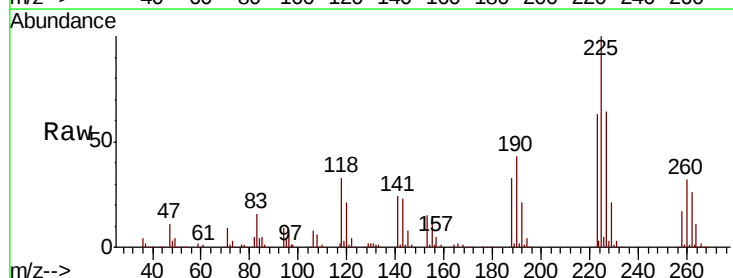
Manual Integrations
APPROVED

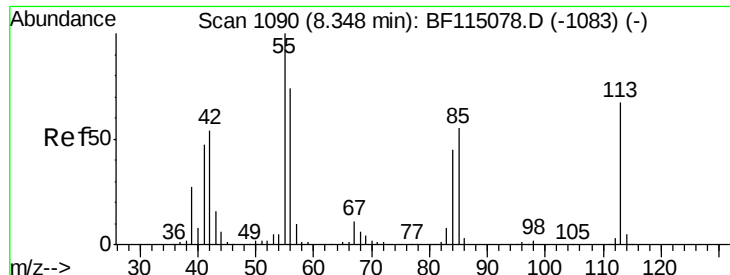
mohammad
6/25/2019 12:41:32 PM



#34
Hexachlorobutadiene
Concen: 41.844 ng
RT: 8.05 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		428297		
223	63.3	49.4	74.2		
227	64.0	51.8	77.8		





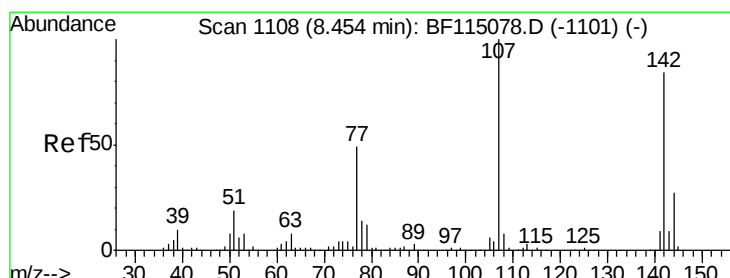
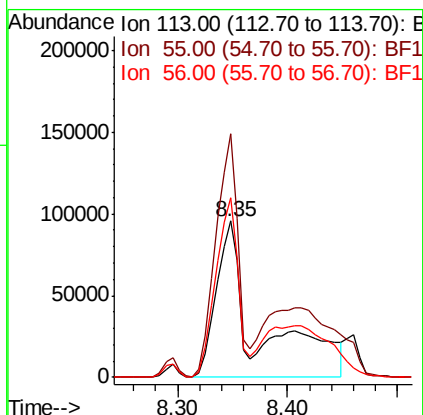
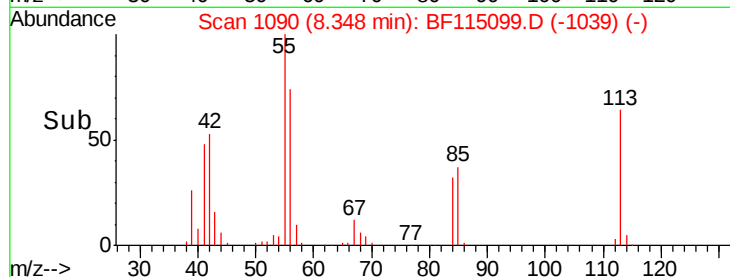
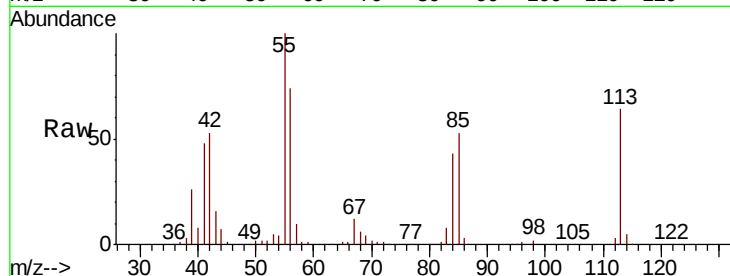
#35
Caprolactam
Concen: 44.455 ng/ml
RT: 8.35 min Scan# 1090
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	155.7	130.2	170.2	
56	114.7	91.6	131.6	

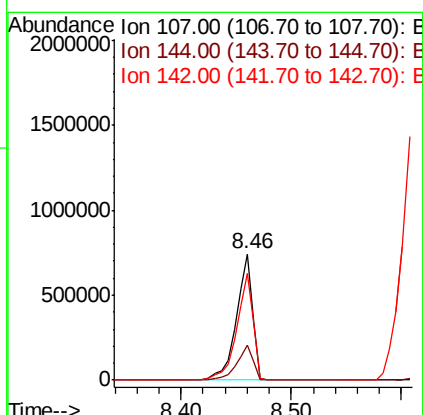
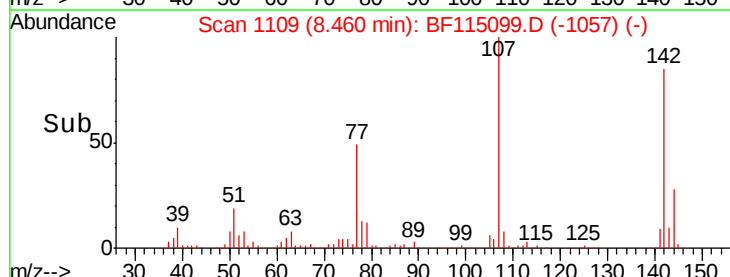
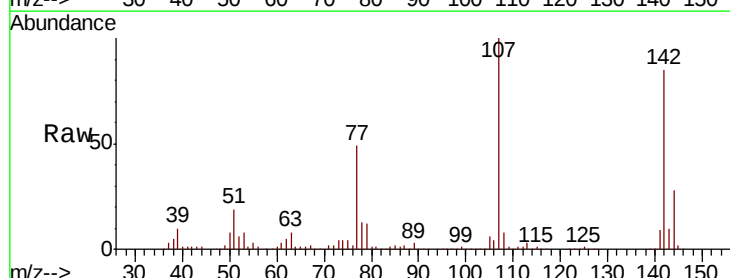
Manual Integrations
APPROVED

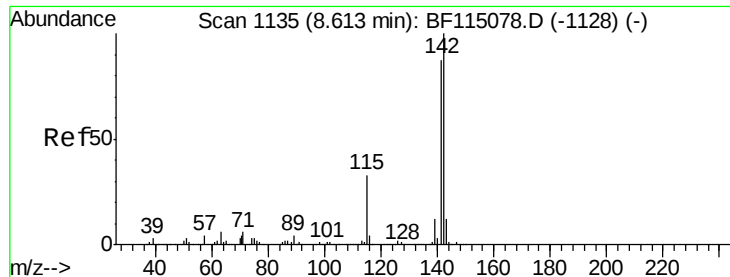
mohammad
6/25/2019 12:41:32 PM



#36
4-Chloro-3-methylphenol
Concen: 44.807 ng/ml
RT: 8.46 min Scan# 1109
Delta R.T. 0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	28.0	21.7	32.5	
142	84.8	67.0	100.4	





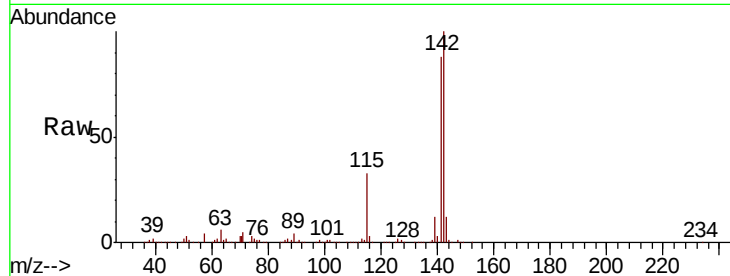
#37
2-Methylnaphthalene
Concen: 44.631 ng
RT: 8.61 min Scan# 1135
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.8	104.6
115	33.0	26.7	40.1

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM

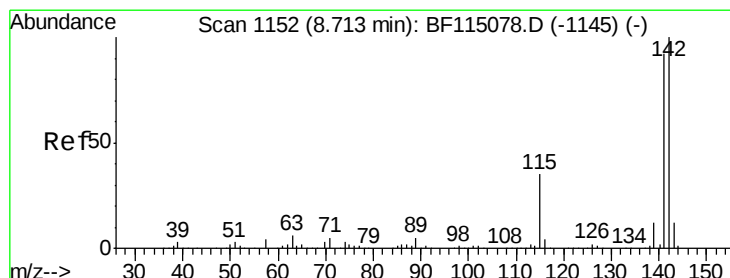
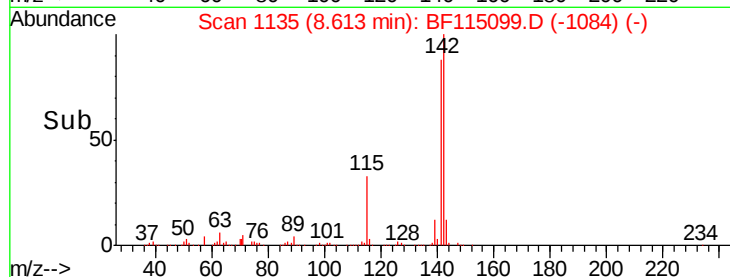
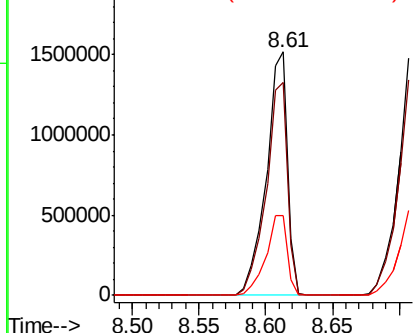


Abundance

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: 44.865 ng
RT: 8.71 min Scan# 1151
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

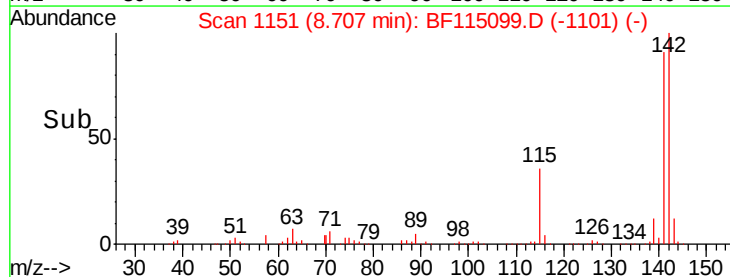
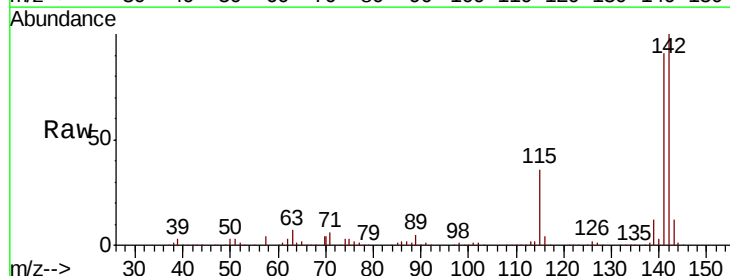
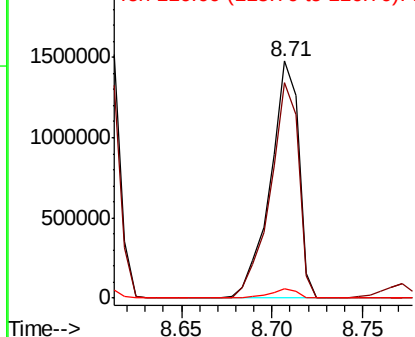
Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.8	110.8
116	3.8	2.8	4.2

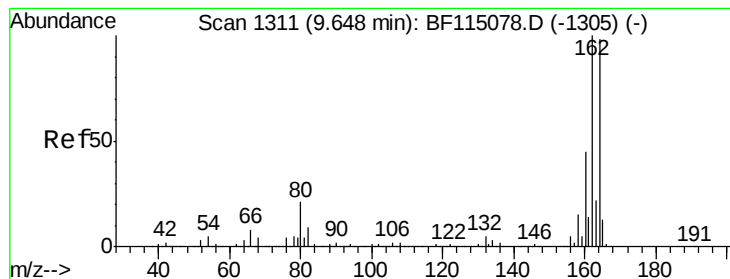
Abundance

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: 9.65 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

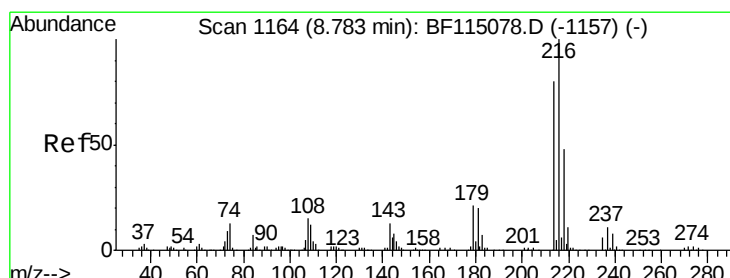
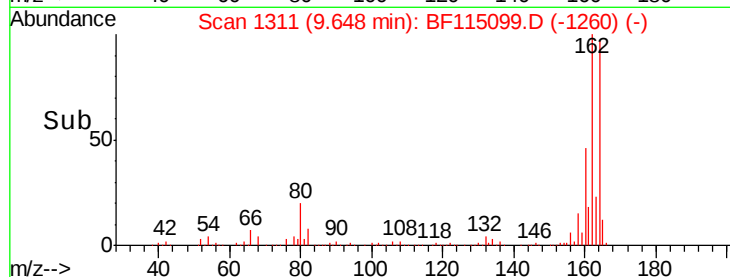
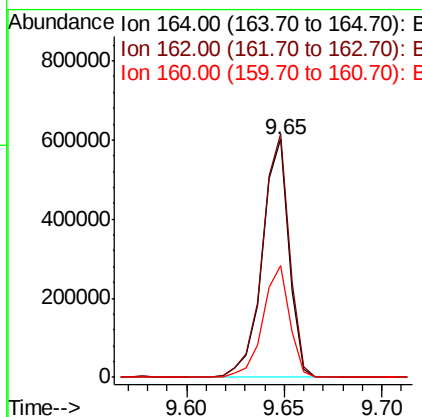
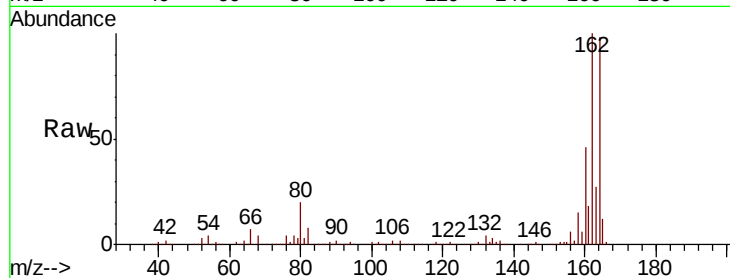
ClientSampleId :

PB120777BS

Tot Ion:	164	Resp:	568777
Ion Ratio	Lower	Upper	
164	100		
162	102.3	81.7	122.5
160	46.9	37.0	55.4

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.876 ng

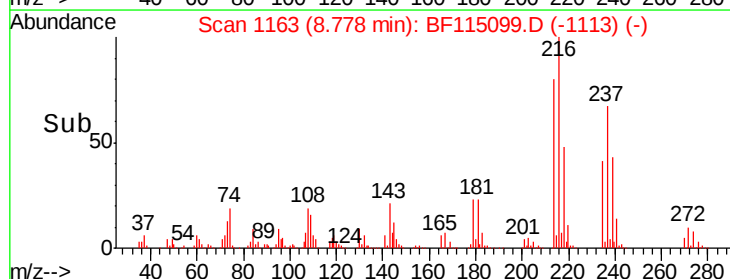
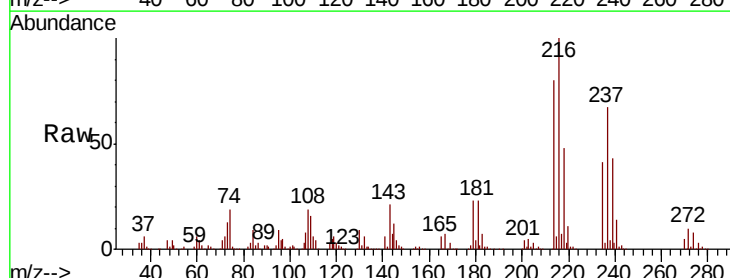
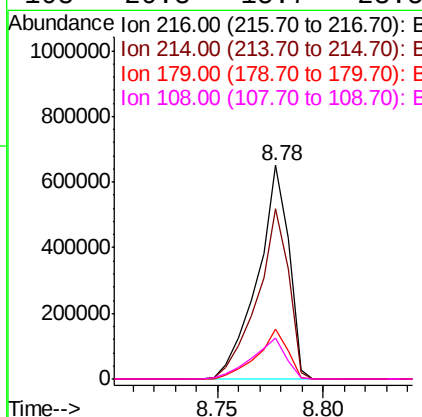
RT: 8.78 min Scan# 1163

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Tgt Ion:	216	Resp:	673054
Ion Ratio	Lower	Upper	
216	100		
214	79.5	63.8	95.6
179	22.4	17.6	26.4
108	20.8	15.7	23.5





#41

Hexachlorocyclopentadiene

Concen: 78.797 ng

RT: 8.77 min Scan# 1162

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

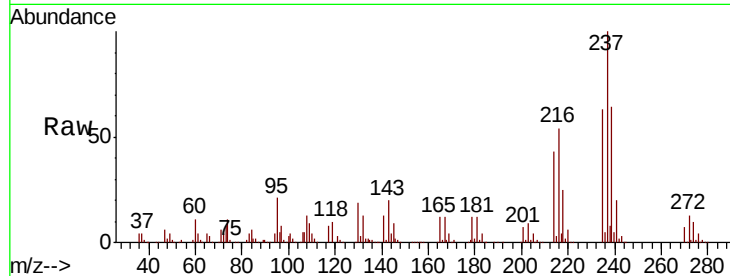
ClientSampleId :

PB120777BS

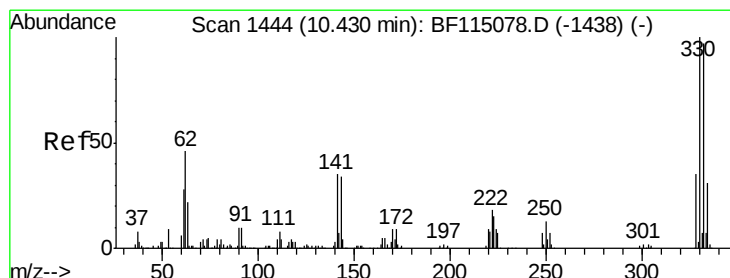
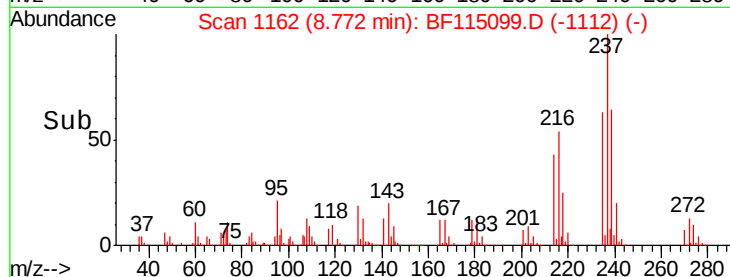
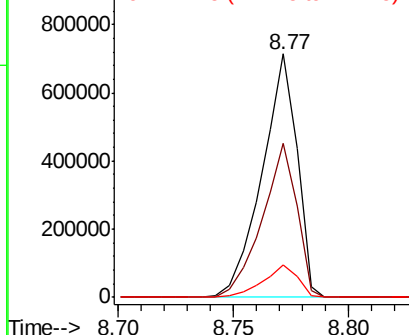
Tot Ion:	237	Resp:	750980
Ion Ratio	Lower	Upper	
237	100		
235	63.3	43.9	83.9
272	13.1	0.0	33.8

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 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: 130.066 ng

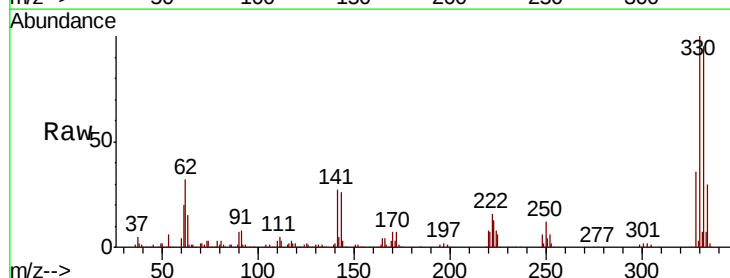
RT: 10.44 min Scan# 1445

Delta R.T. 0.01 min

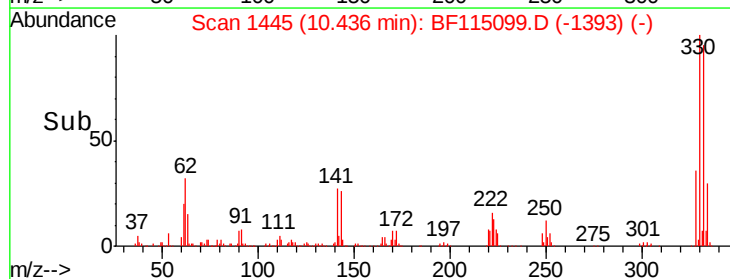
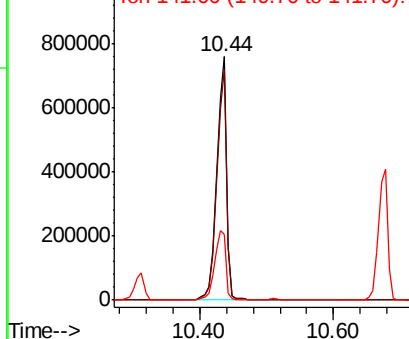
Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Tgt Ion:	330	Resp:	780129
Ion Ratio	Lower	Upper	
330	100		
332	95.4	77.3	115.9
141	32.6	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





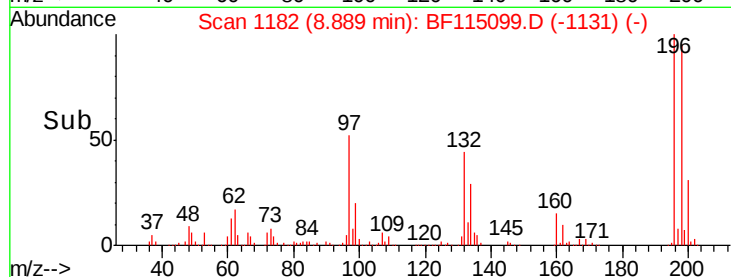
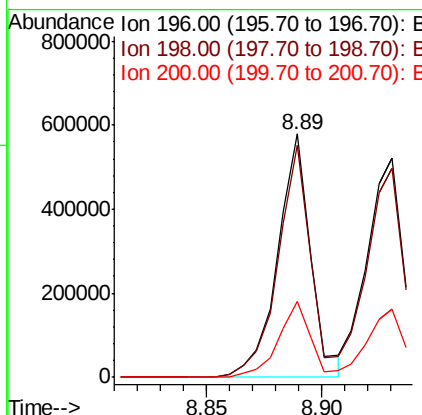
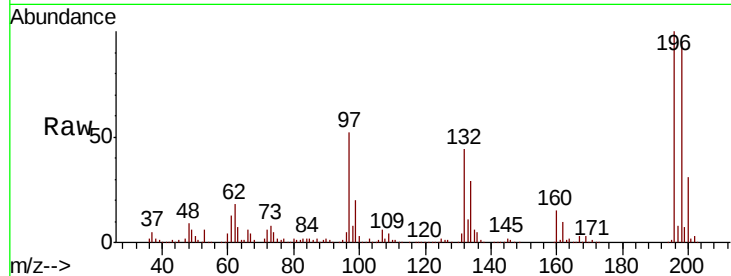
#43
 2,4,6-Trichlorophenol
 Concen: 46.041 ng
 RT: 8.89 min Scan# 1182
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Instrument :
 BNA_F
 ClientSampled :
 PB120777BS

Tot Ion:	196	Resp:	571309
Ion Ratio	Lower	Upper	
196	100		
198	95.4	76.3	114.5
200	31.1	24.2	36.4

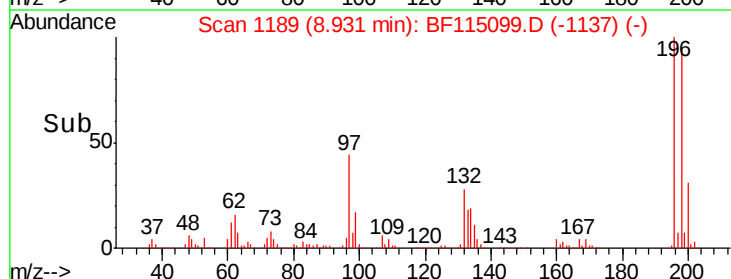
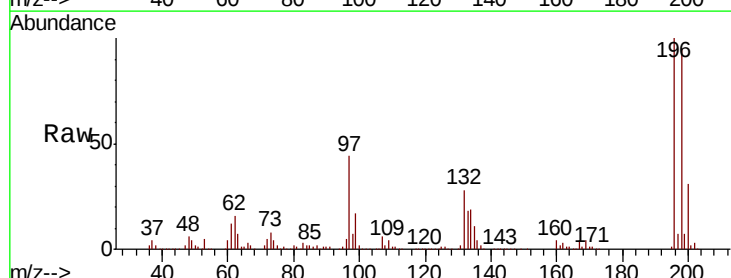
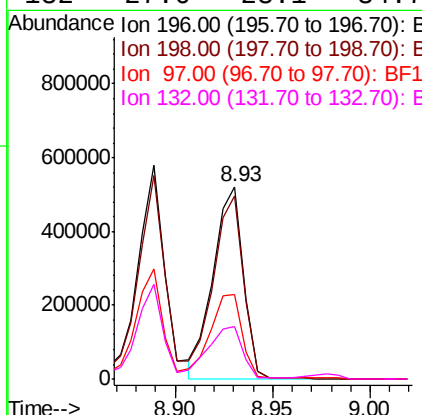
Manual Integrations
 APPROVED

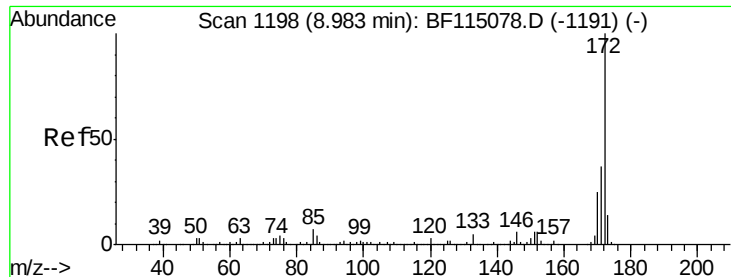
mohammad
 6/25/2019 12:41:32 PM



#44
 2,4,5-Trichlorophenol
 Concen: 43.956 ng
 RT: 8.93 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion:	196	Resp:	561699
Ion Ratio	Lower	Upper	
196	100		
198	95.4	77.1	115.7
97	43.9	37.7	56.5
132	27.6	23.1	34.7





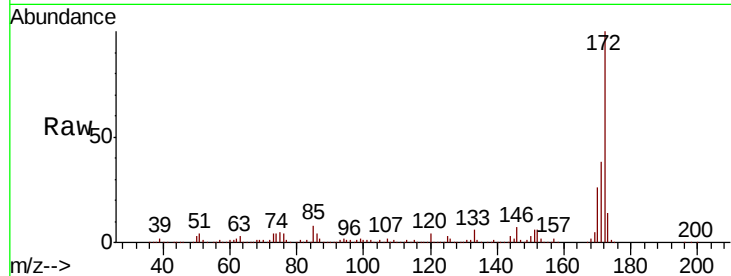
#45
2-Fluorobiphenyl
Concen: 91.222 ng
RT: 8.98 min Scan# 1197
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

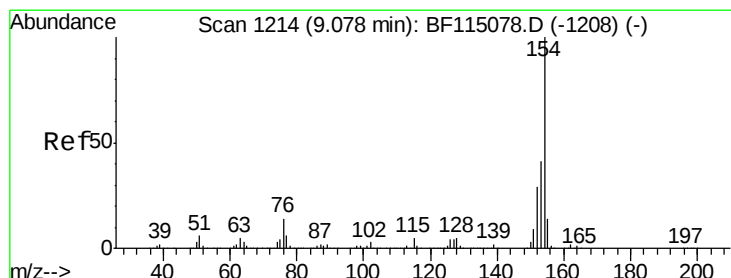
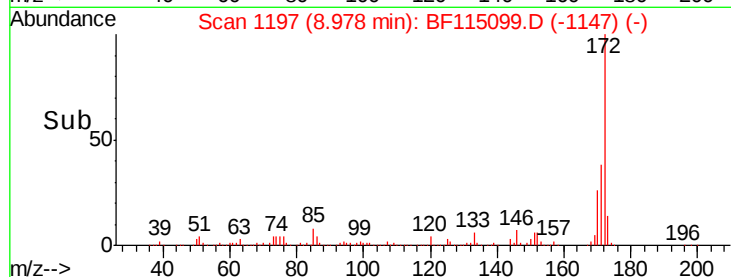
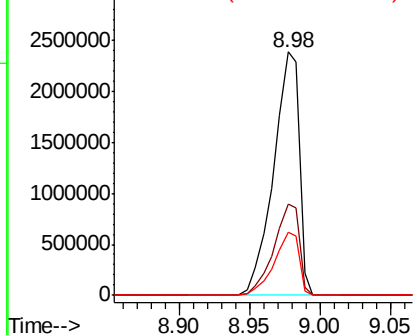
Tot Ion:172 Resp: 3054525
Ion Ratio Lower Upper
172 100
171 37.6 29.8 44.6
170 25.7 20.3 30.5

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM

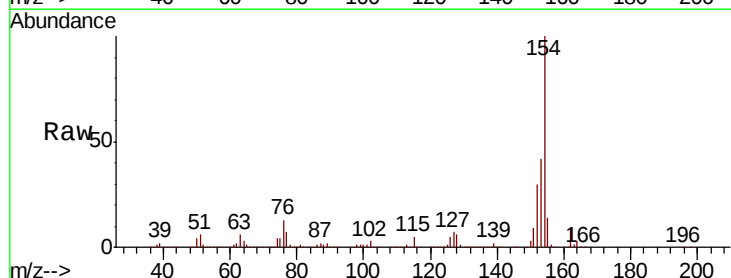


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

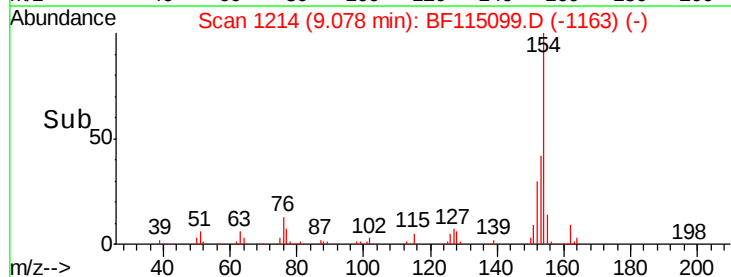
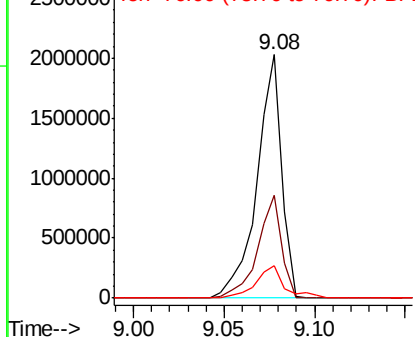


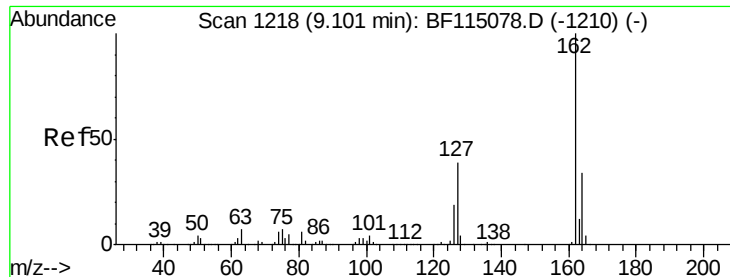
#46
1,1'-Biphenyl
Concen: 42.202 ng
RT: 9.08 min Scan# 1214
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion:154 Resp: 1920620
Ion Ratio Lower Upper
154 100
153 42.0 20.9 60.9
76 13.2 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





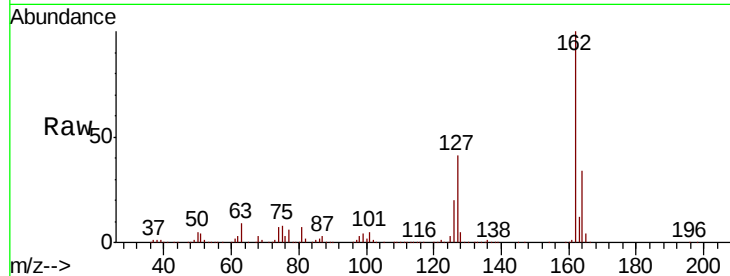
#47
2-Chloronaphthalene
Concen: 42.098 ng
RT: 9.10 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.3	30.8	46.2
164	34.0	27.0	40.4

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM

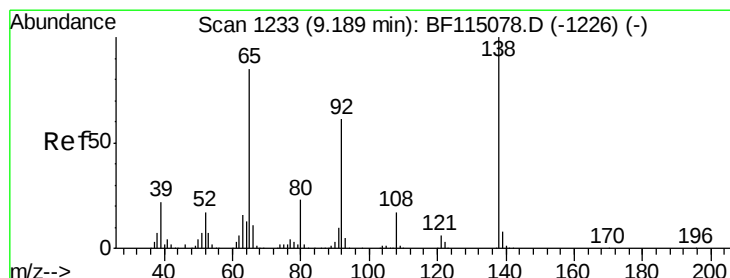
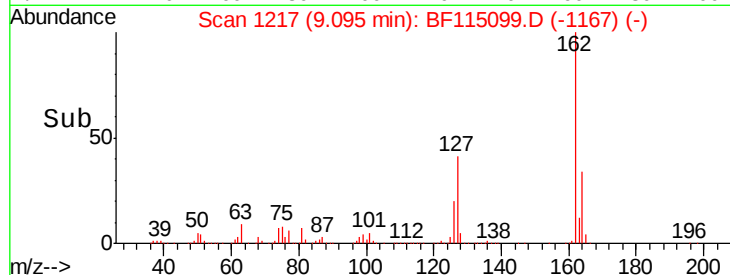
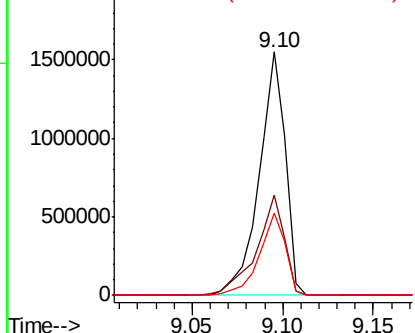


Abundance

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: 43.371 ng
RT: 9.19 min Scan# 1233
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

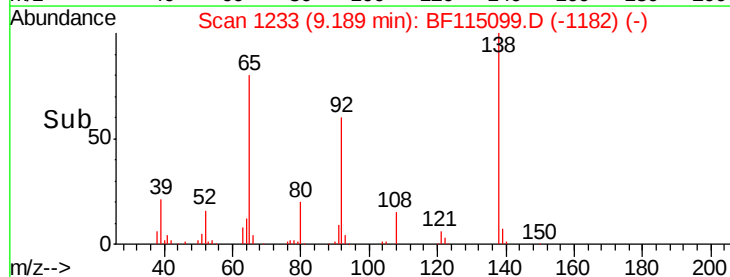
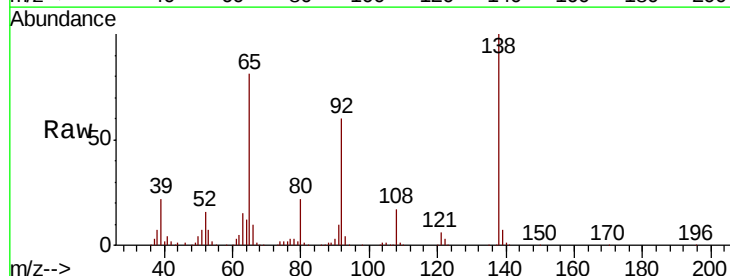
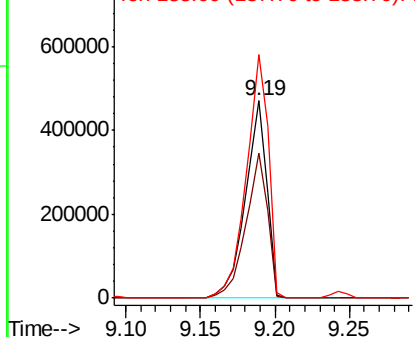
Tgt Ion	Ratio	Lower	Upper
65	100		
92	73.6	57.4	86.2
138	123.4	94.1	141.1

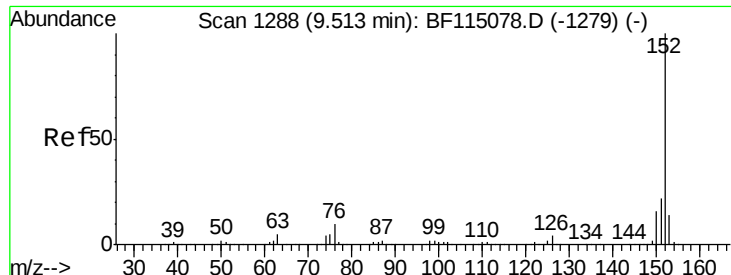
Abundance

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





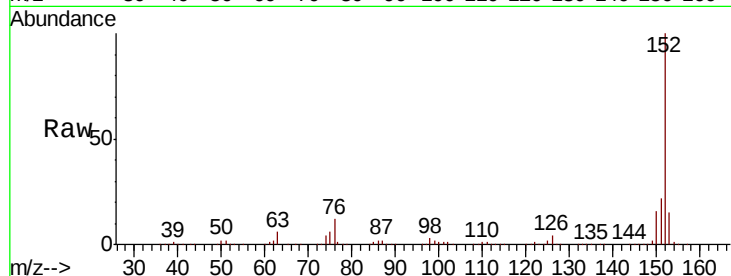
#49
Acenaphthylene
Concen: 42.007 ng
RT: 9.51 min Scan# 1287
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.2	25.8
153	14.9	11.0	16.6

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM

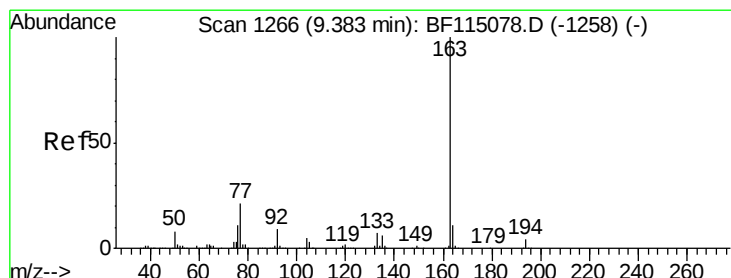
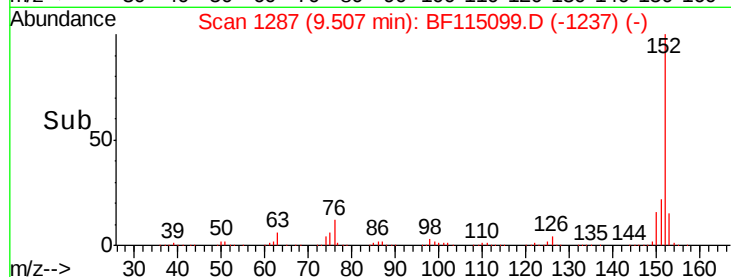
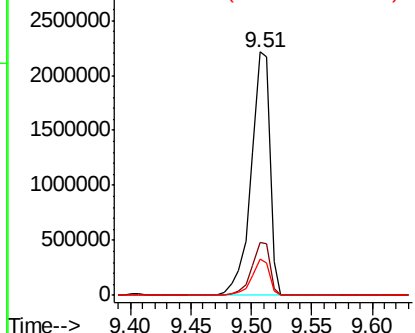


Abundance

Ion 152.00 (151.70 to 152.70): E

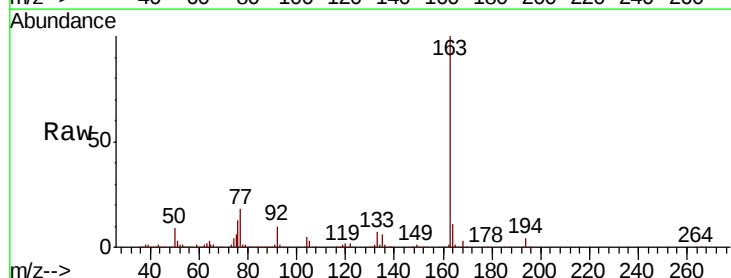
Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50
Dimethylphthalate
Concen: 42.979 ng
RT: 9.39 min Scan# 1267
Delta R.T. 0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.2	4.8
164	10.6	8.6	13.0

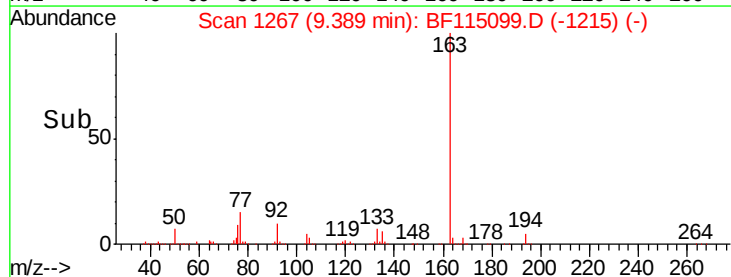
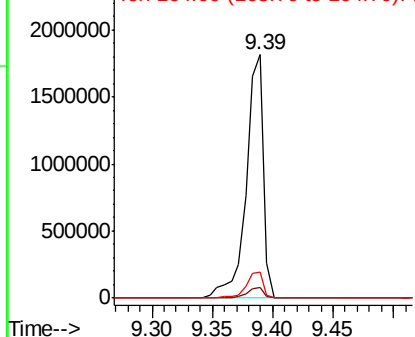


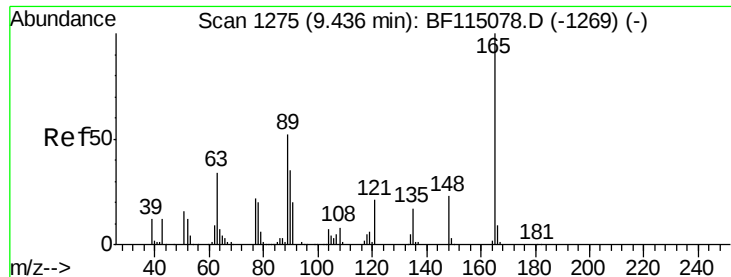
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 44.774 ng

RT: 9.44 min Scan# 1275

Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

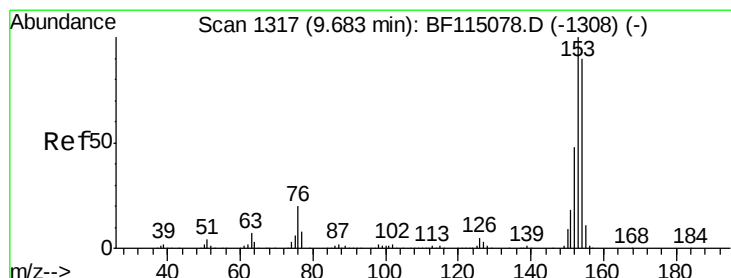
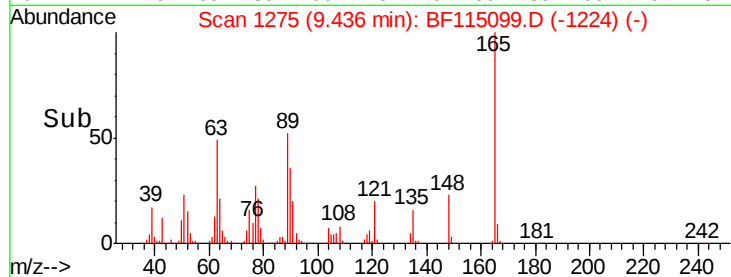
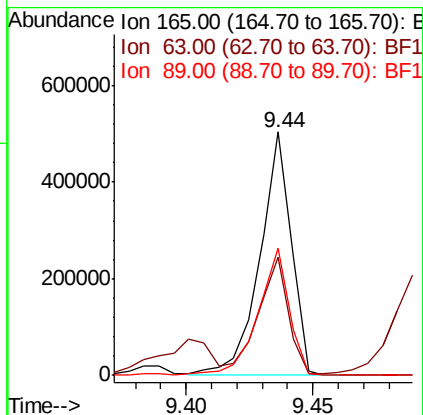
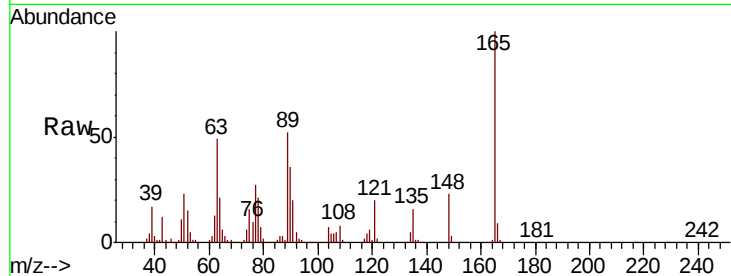
ClientSampleId :

PB120777BS

Tot Ion:	165	Resp:	432562
Ion Ratio	Lower	Upper	
165	100		
63	48.7	39.4	59.2
89	52.3	42.0	63.0

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM



#52

Acenaphthene

Concen: 46.406 ng

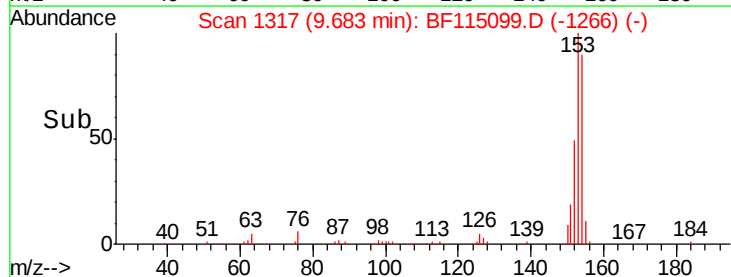
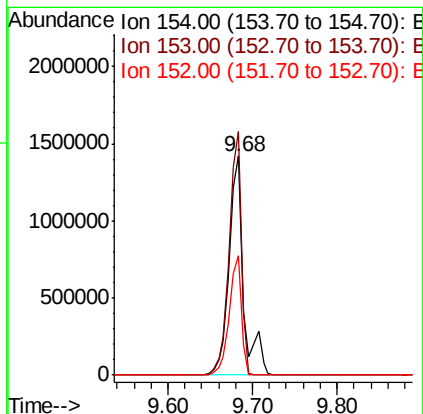
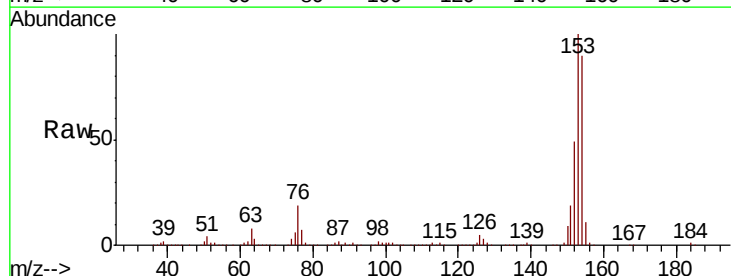
RT: 9.68 min Scan# 1317

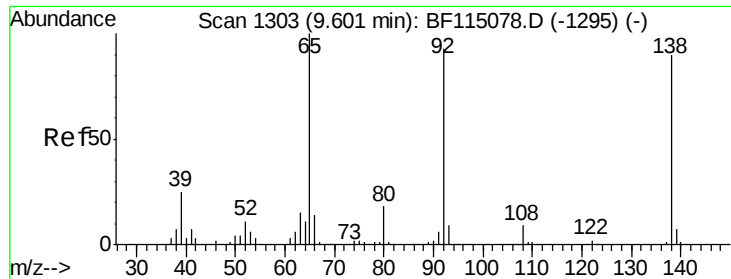
Delta R.T. 0.00 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Tgt Ion:	154	Resp:	1670184
Ion Ratio	Lower	Upper	
154	100		
153	111.2	88.7	133.1
152	54.6	42.6	64.0





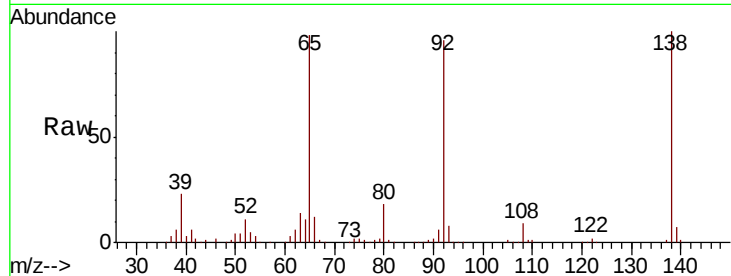
#53
3-Nitroaniline
Concen: 26.366 ng
RT: 9.60 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.0	7.8	11.6
92	95.9	82.9	124.3

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM

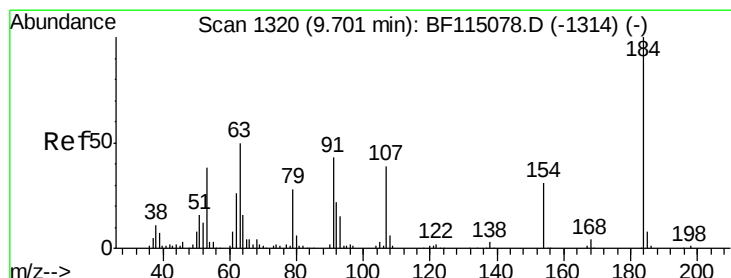
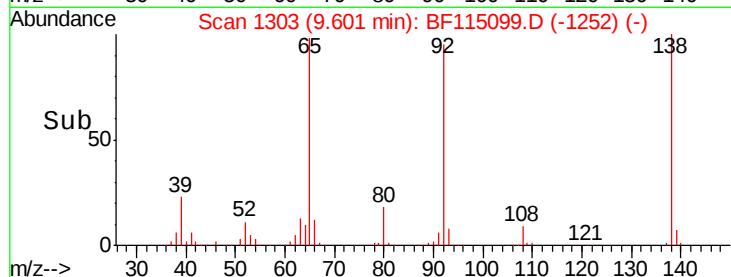
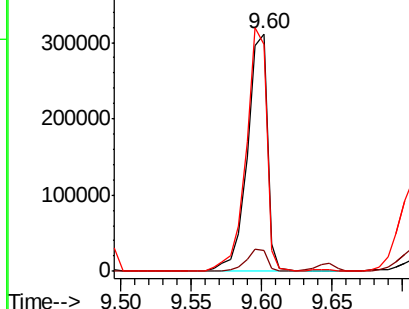


Abundance

Ion 138.00 (137.70 to 138.70): E

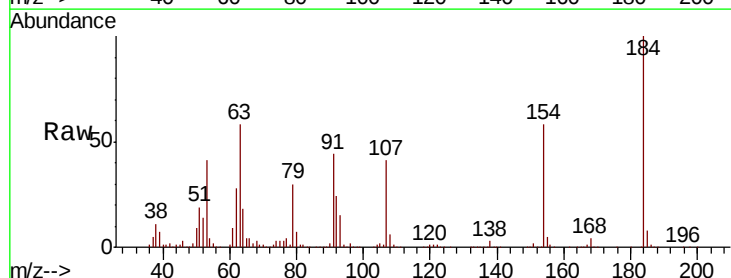
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54
2,4-Dinitrophenol
Concen: 90.798 ng
RT: 9.71 min Scan# 1321
Delta R.T. 0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
184	100		
63	57.5	41.9	62.9
154	57.5	44.7	67.1

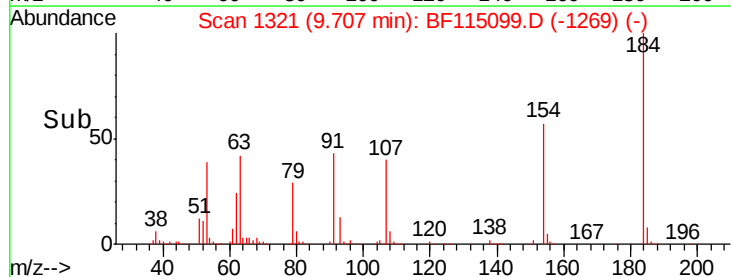
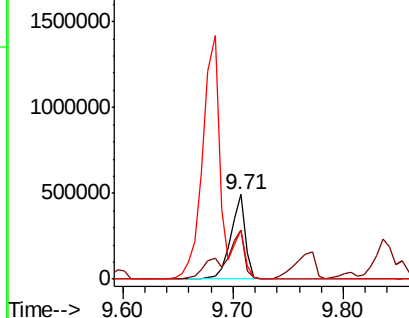


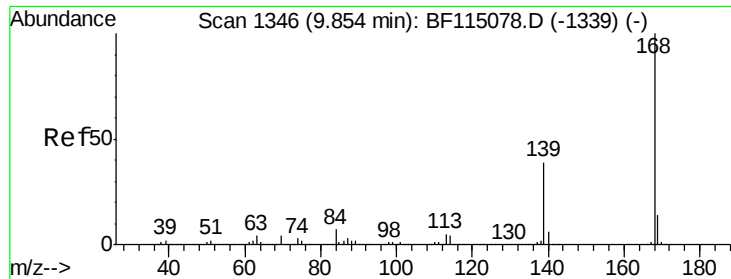
Abundance

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





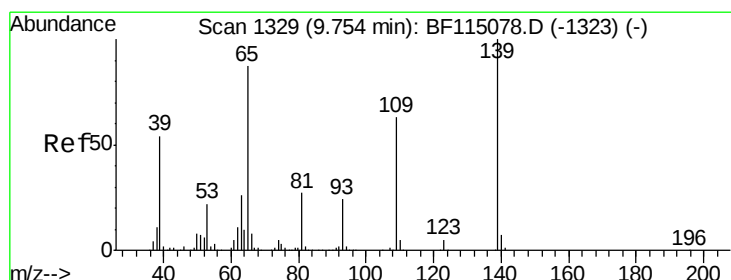
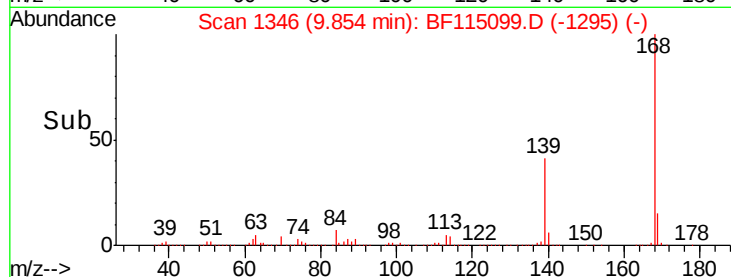
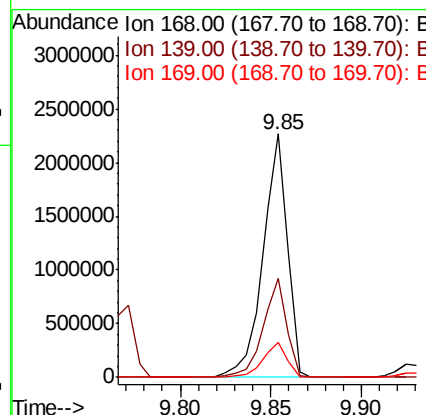
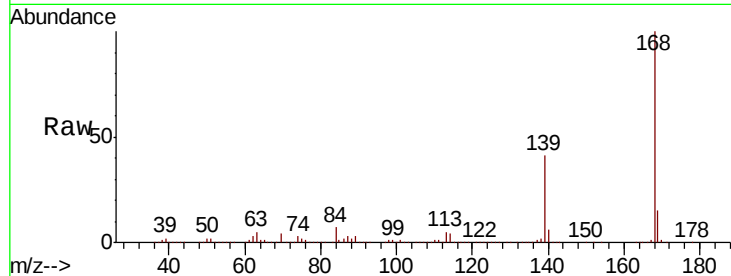
#55
Dibenzofuran
Concen: 41.049 ng
RT: 9.85 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampled :
PB120777BS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.5	31.1	46.7
169	14.6	11.3	16.9

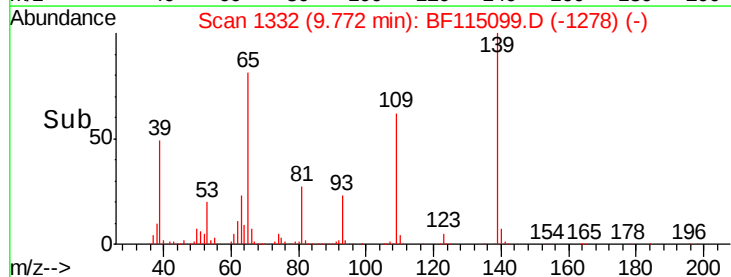
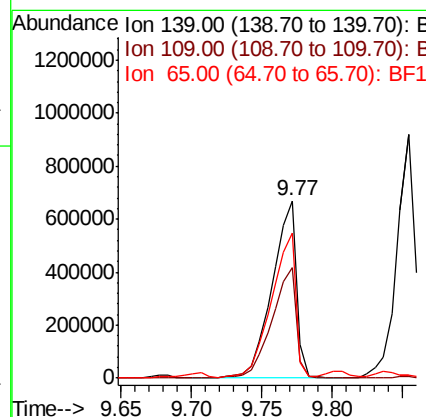
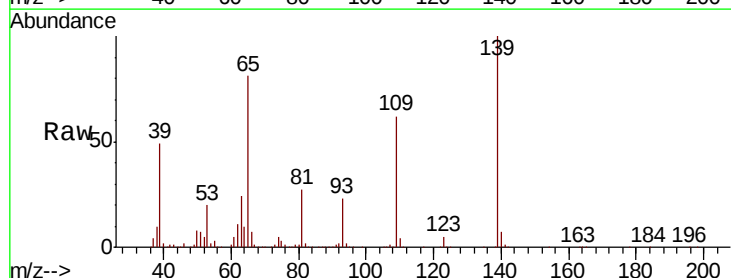
Manual Integrations
APPROVED

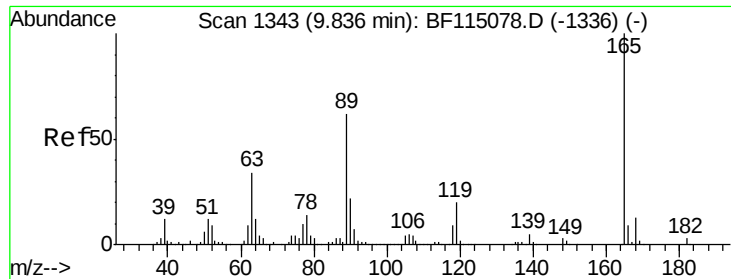
mohammad
6/25/2019 12:41:32 PM



#56
4-Nitrophenol
Concen: 85.211 ng
RT: 9.77 min Scan# 1332
Delta R.T. 0.02 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
139	100		
109	62.0	43.0	83.0
65	81.4	67.0	107.0





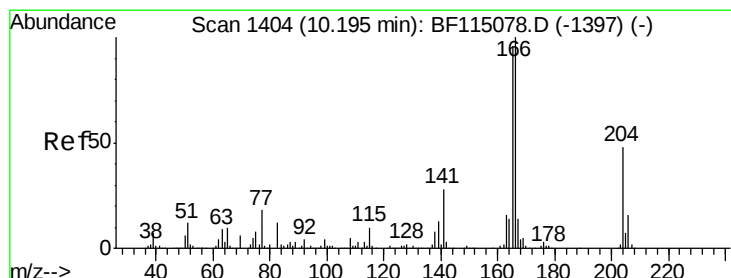
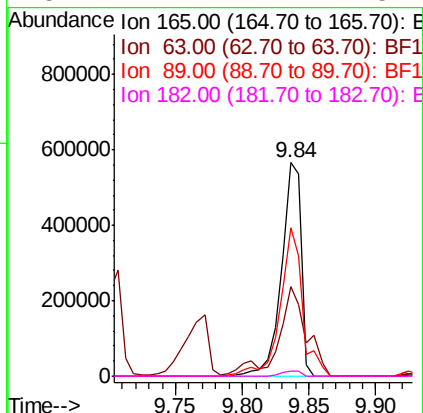
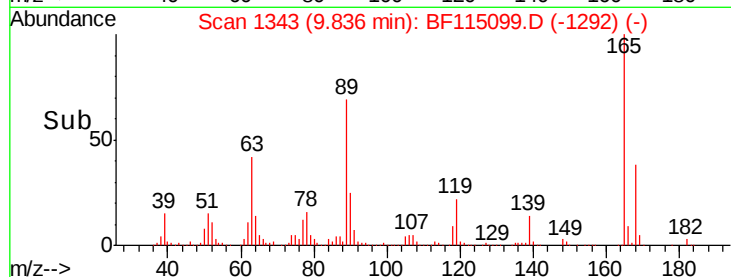
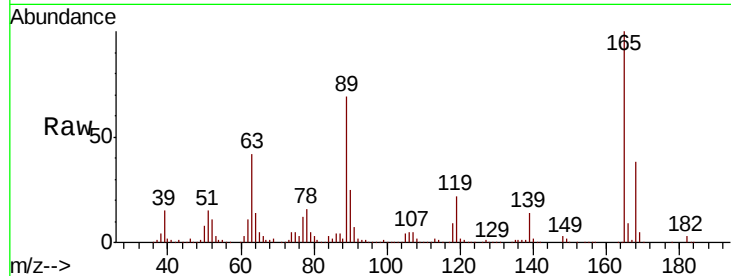
#57
2,4-Dinitrotoluene
Concen: 47.254 ng
RT: 9.84 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.8	27.5	41.3	
89	69.4	49.9	74.9	
182	2.7	2.1	3.1	

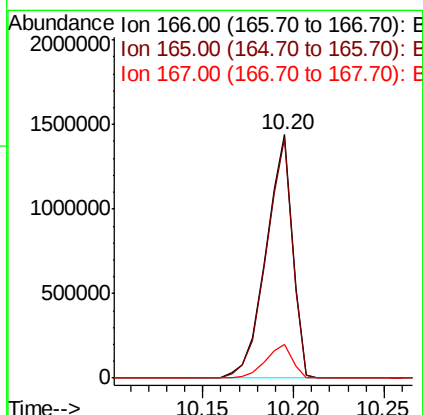
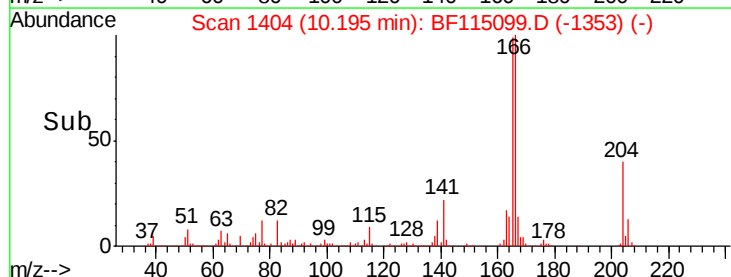
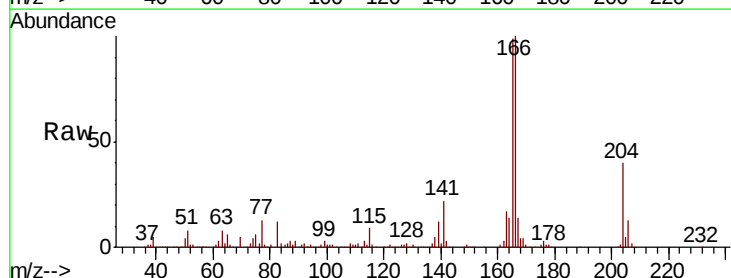
Manual Integrations
APPROVED

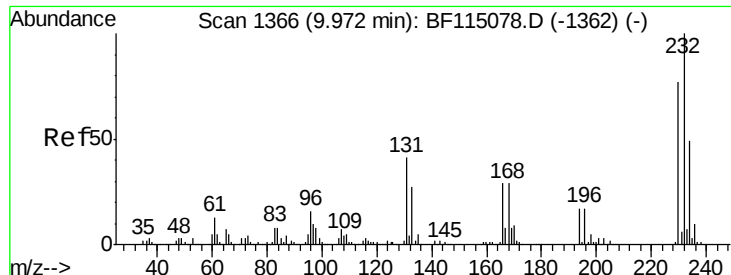
mohammad
6/25/2019 12:41:32 PM



#58
Fluorene
Concen: 42.041 ng
RT: 10.20 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.6	76.5	114.7	
167	14.0	11.0	16.4	





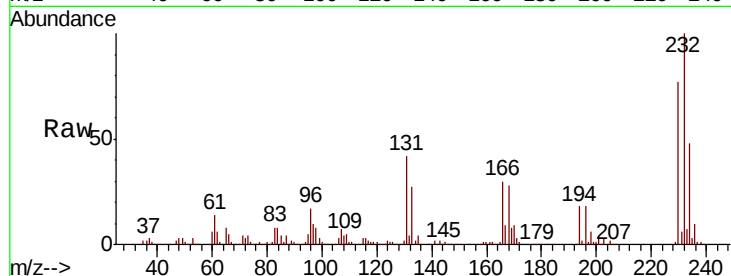
#59
2,3,4,6-Tetrachlorophenol
Concen: 46.108 ng
RT: 9.97 min Scan# 1366
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

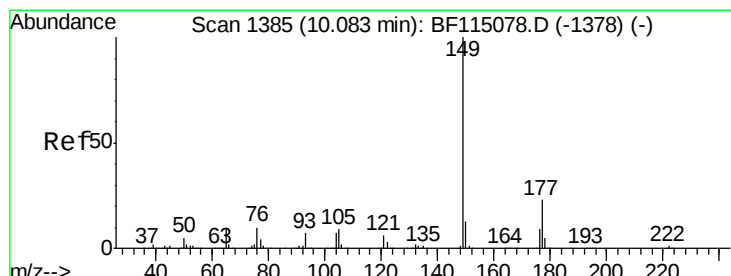
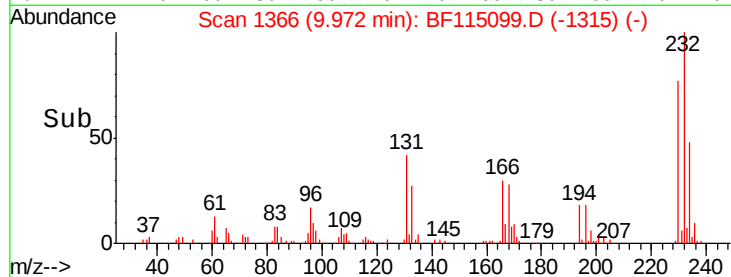
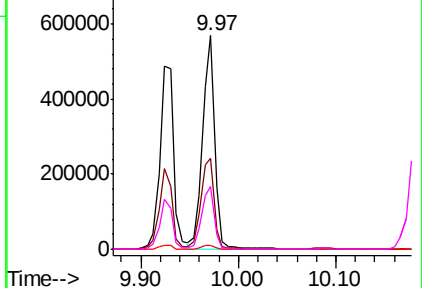
Tot Ion	Ratio	Lower	Upper
232	100		
131	47.0	37.4	56.0
130	2.2	1.8	2.6
166	30.3	24.6	36.8

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM

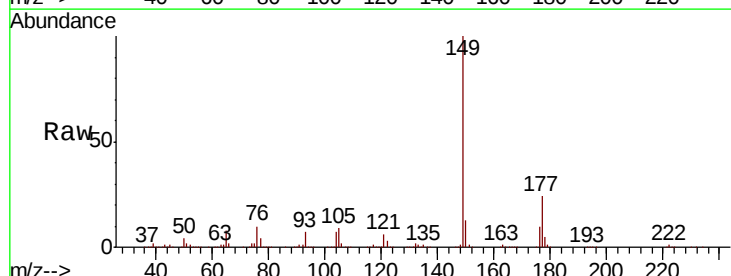


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

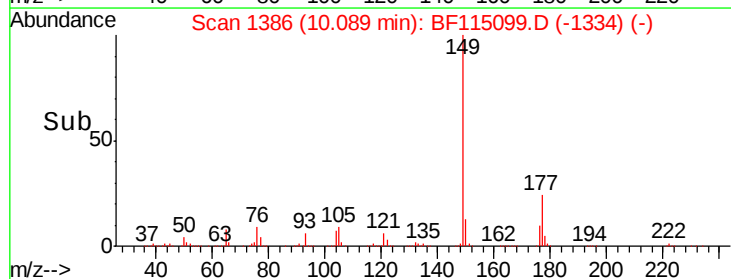
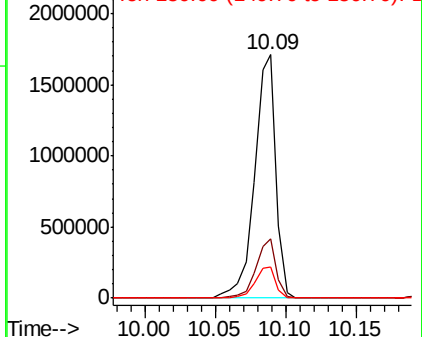


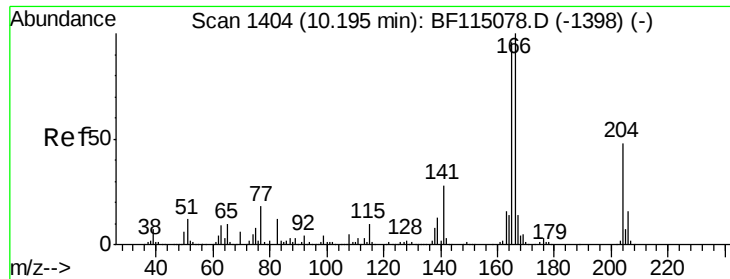
#60
Diethylphthalate
Concen: 43.000 ng
RT: 10.09 min Scan# 1386
Delta R.T. 0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	18.7	28.1
150	12.9	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





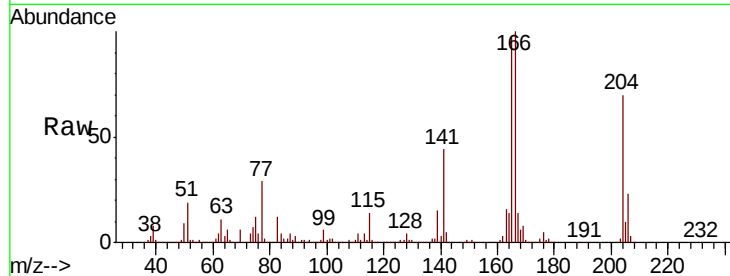
#61
4-Chlorophenyl-phenylether
Concen: 42.962 ng
RT: 10.19 min Scan# 1403
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampled :
PB120777BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.6	26.6	40.0
141	63.1	46.7	70.1

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM

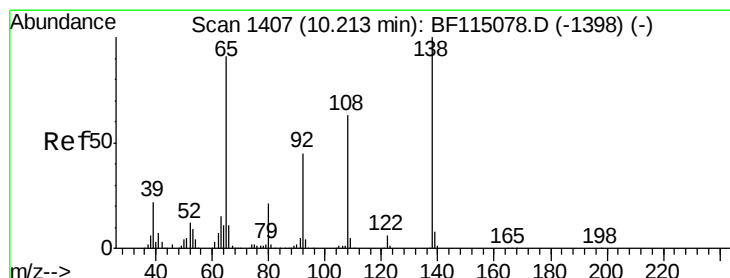
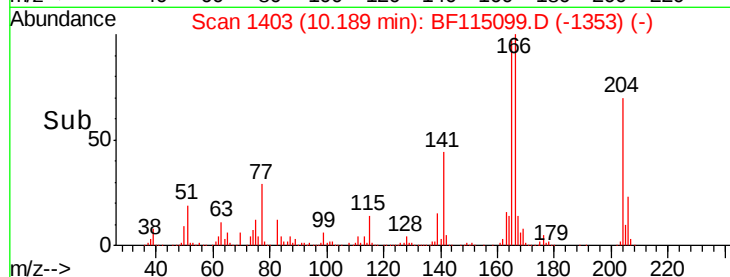
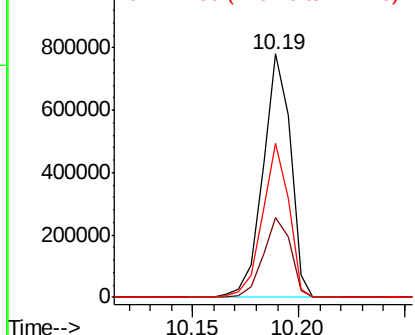


Abundance

Ion 204.00 (203.70 to 204.70): E

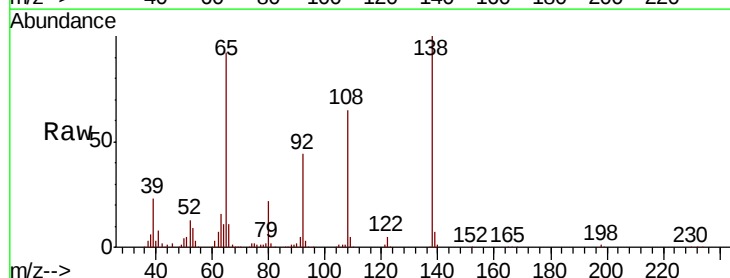
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 41.409 ng
RT: 10.22 min Scan# 1408
Delta R.T. 0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	44.5	24.8	64.8
108	64.6	43.3	83.3

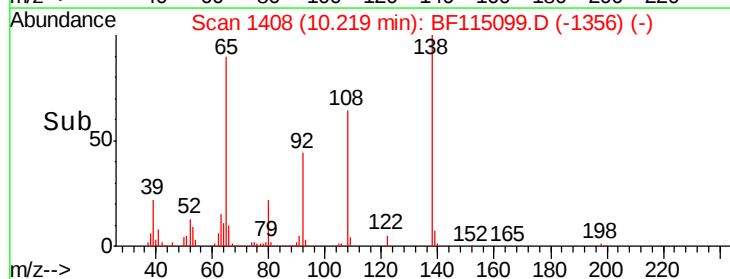
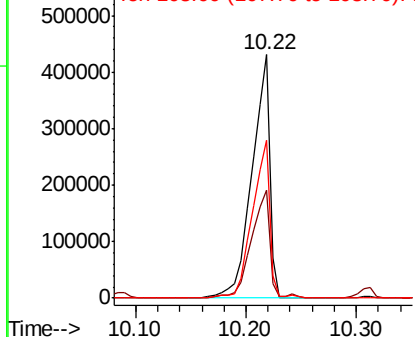


Abundance

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





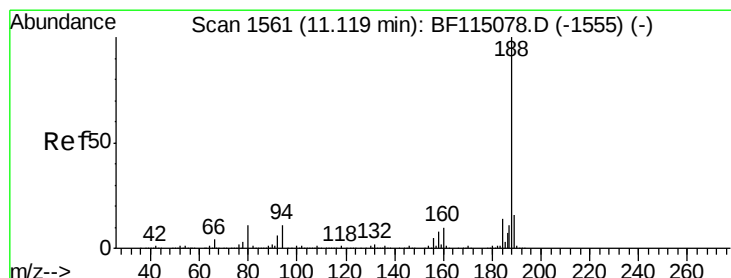
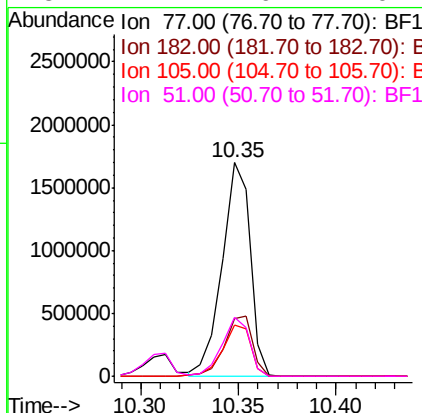
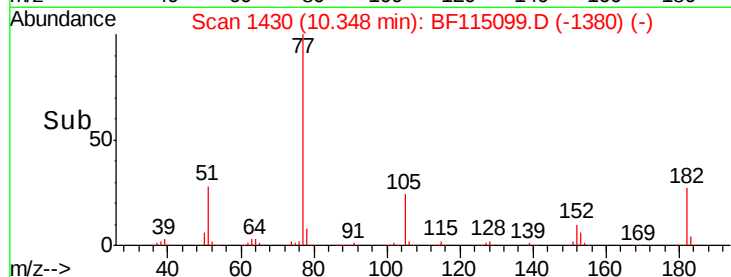
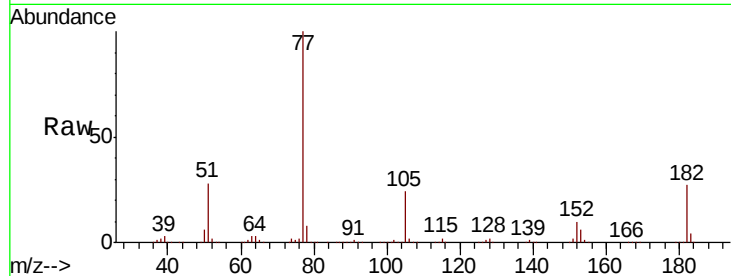
#63
Azobenzene
Concen: 43.091 ng
RT: 10.35 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleID :
PB120777BS

Tot Ion	Ratio	Lower	Upper
77	100		
182	27.2	10.1	50.1
105	23.9	4.5	44.5
51	27.7	6.4	46.4

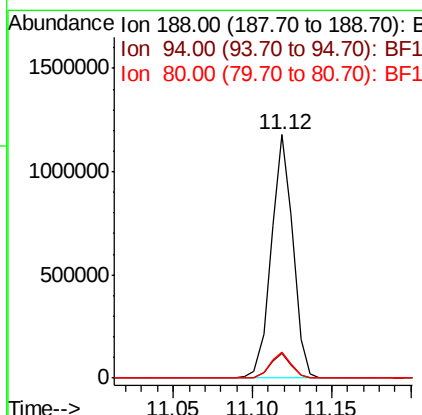
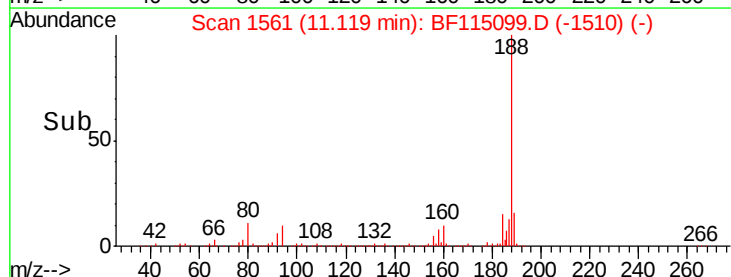
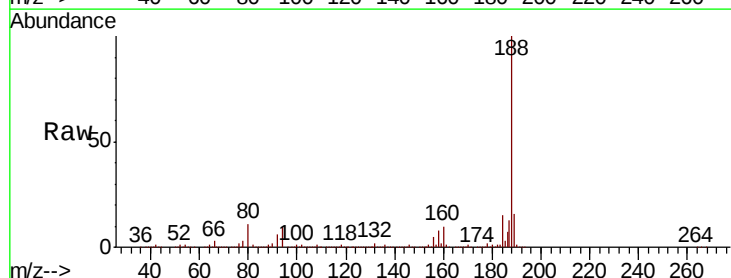
Manual Integrations
APPROVED

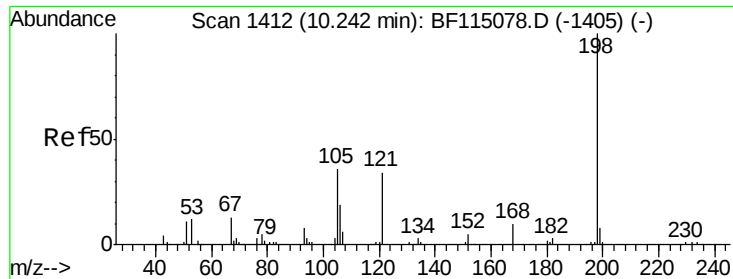
mohammad
6/25/2019 12:41:32 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.12 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.6	12.8
80	10.5	8.8	13.2





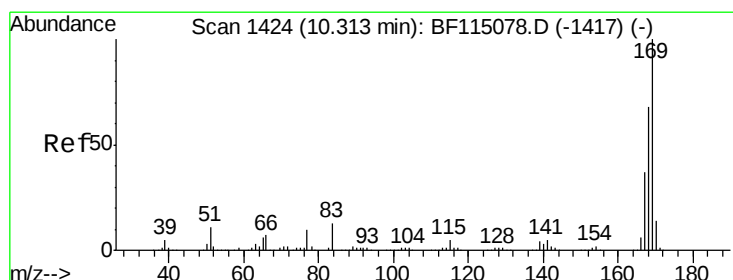
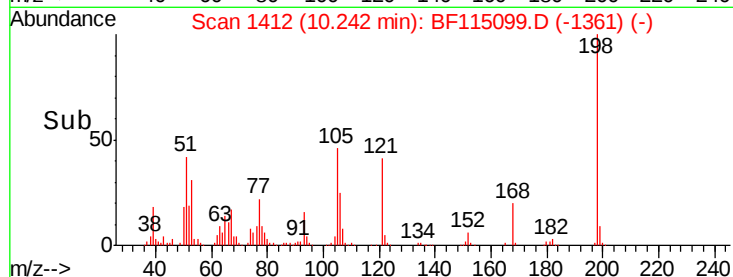
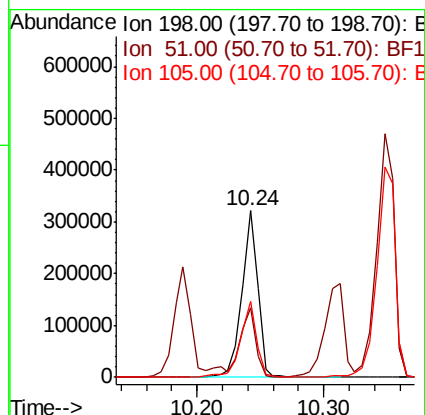
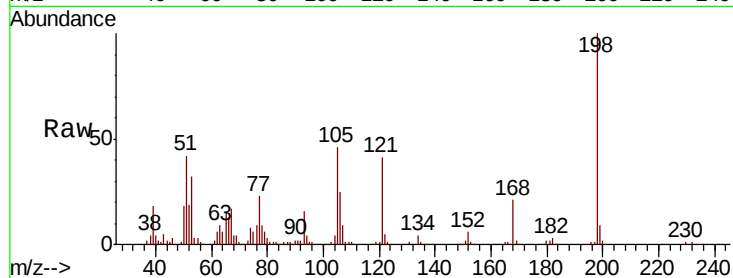
#65
 4,6-Dinitro-2-methylphenol
 Concen: 46.424 ng
 RT: 10.24 min Scan# 1412
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Lower	Upper
198	100		
51	41.7	11.0	51.0
105	45.9	17.3	57.3

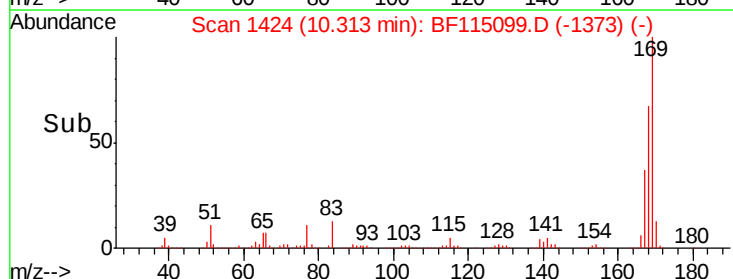
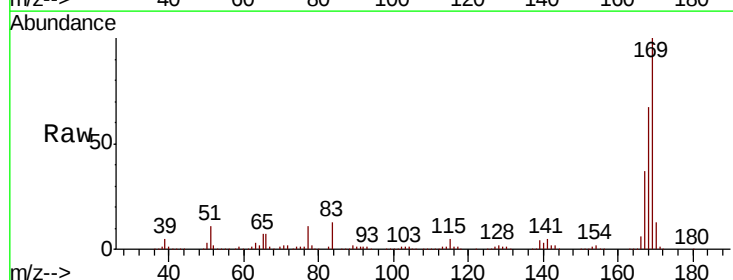
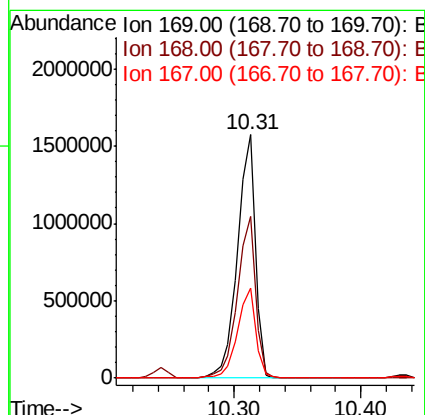
Manual Integrations
 APPROVED

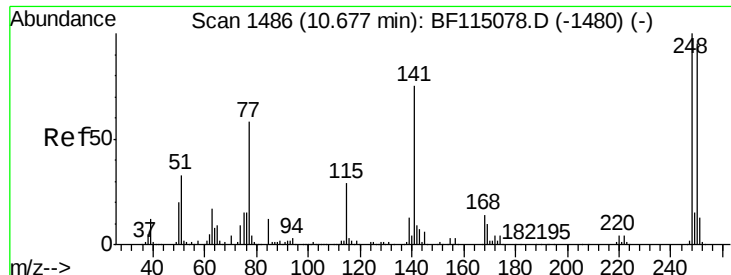
mohammad
 6/25/2019 12:41:32 PM



#66
 n-Nitrosodiphenylamine
 Concen: 43.402 ng
 RT: 10.31 min Scan# 1424
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	54.2	81.4
167	37.2	29.4	44.0





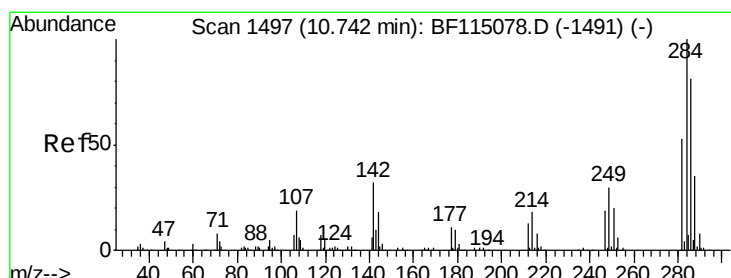
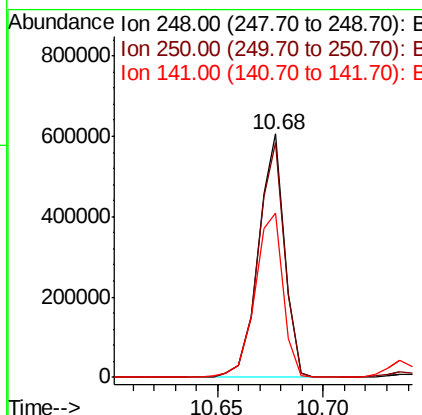
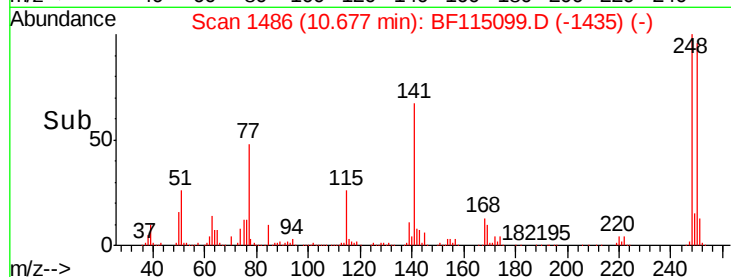
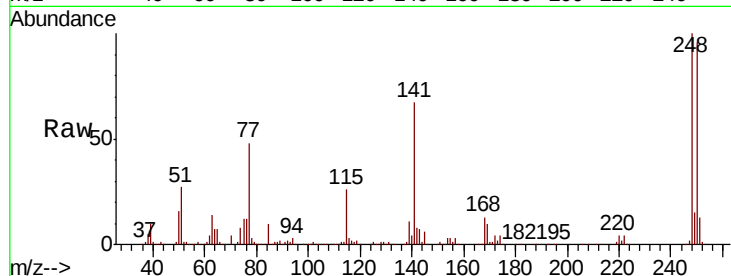
#67
4-Bromophenyl-phenylether
Concen: 42.852 ng
RT: 10.68 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.3	76.2	114.2
141	67.4	59.6	89.4

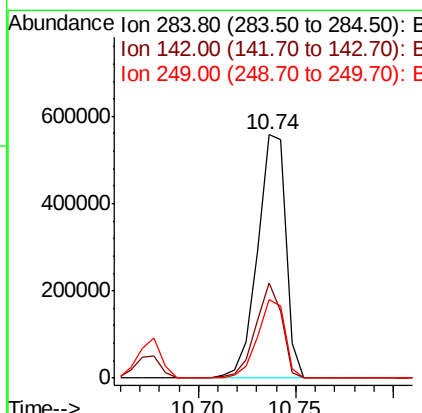
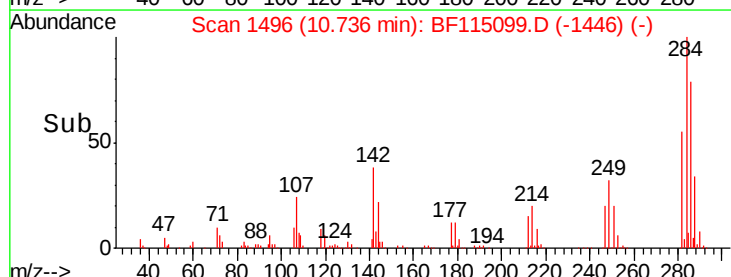
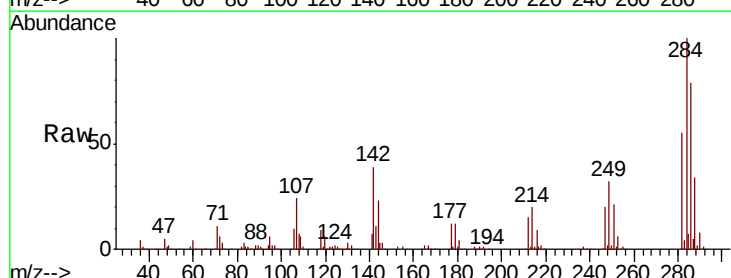
Manual Integrations
APPROVED

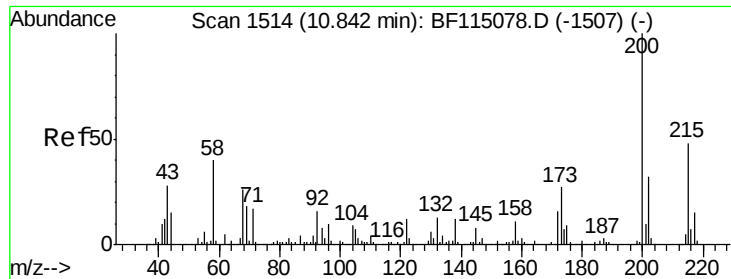
mohammad
6/25/2019 12:41:32 PM



#68
Hexachlorobenzene
Concen: 42.455 ng
RT: 10.74 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	39.1	25.8	38.8#
249	32.2	24.2	36.4





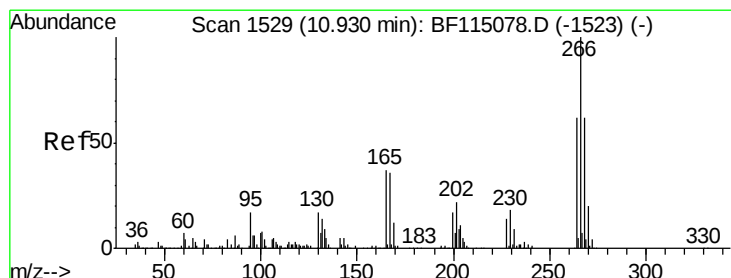
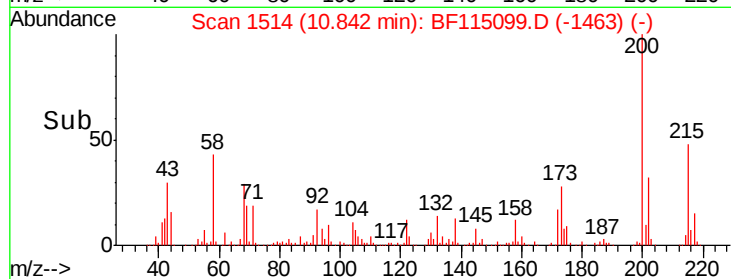
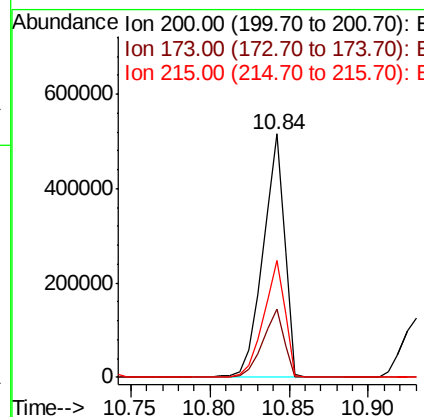
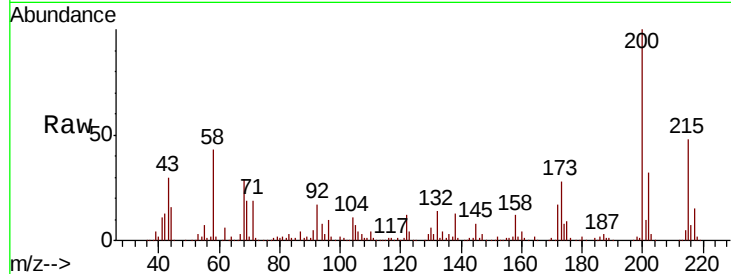
#69
Atrazine
Concen: 43.792 ng
RT: 10.84 min Scan# 1514
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	493160		
173	28.0	7.4	47.4	
215	47.9	27.8	67.8	

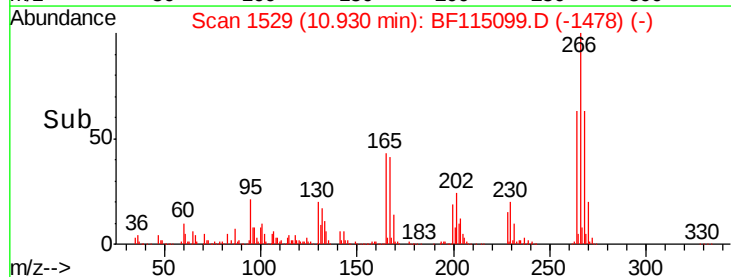
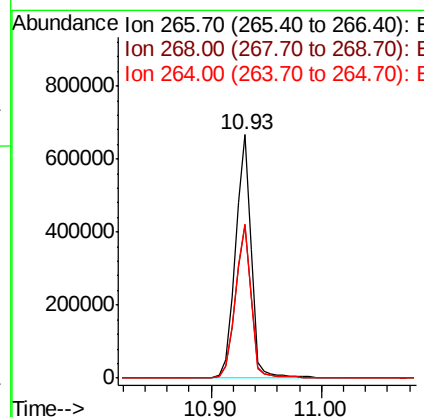
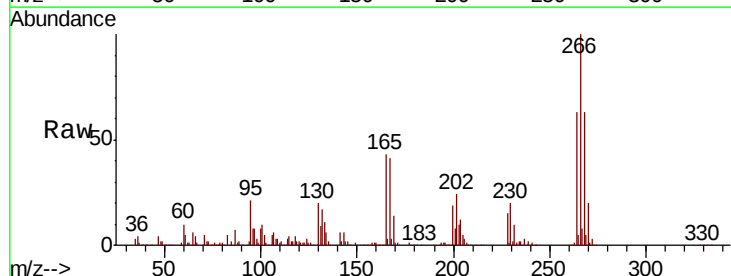
Manual Integrations
APPROVED

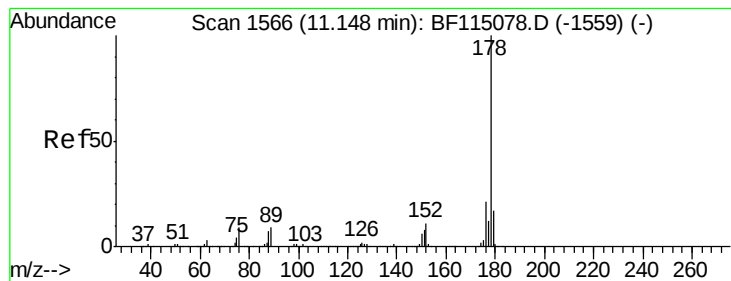
mohammad
6/25/2019 12:41:32 PM



#70
Pentachlorophenol
Concen: 79.739 ng
RT: 10.93 min Scan# 1529
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	671767		
268	62.7	49.5	74.3	
264	63.4	49.3	73.9	





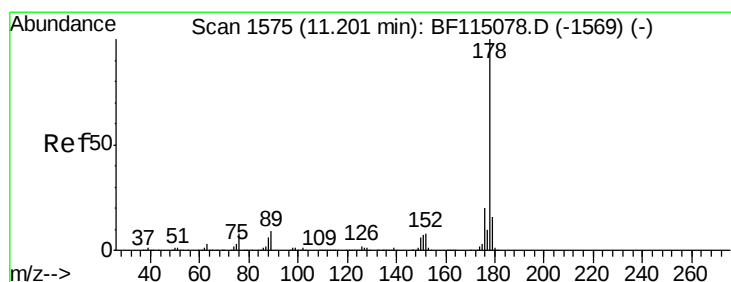
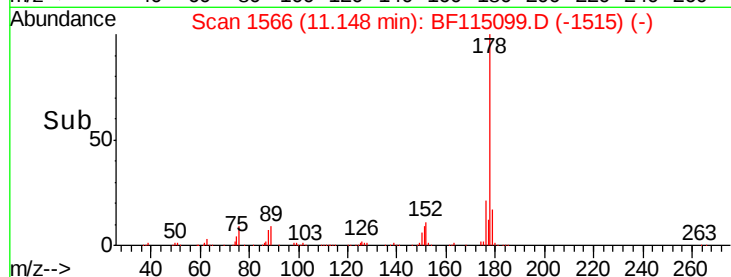
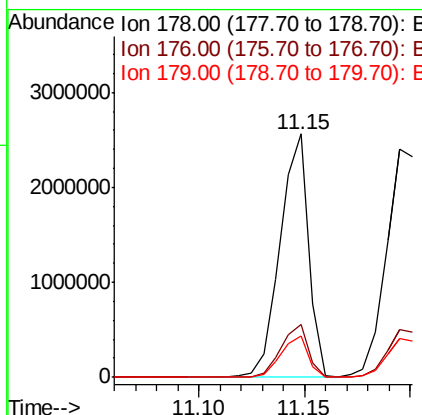
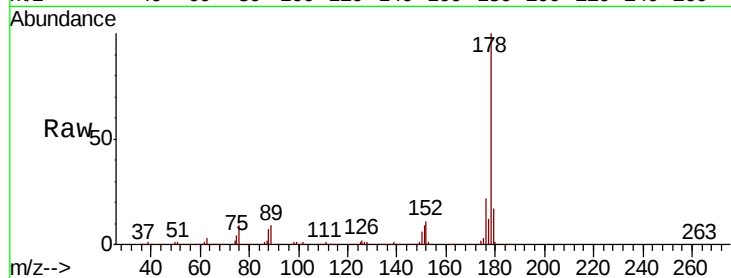
#71
Phenanthrene
Concen: 39.925 ng
RT: 11.15 min Scan# 1566
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.6	16.9	25.3
179	16.9	13.2	19.8

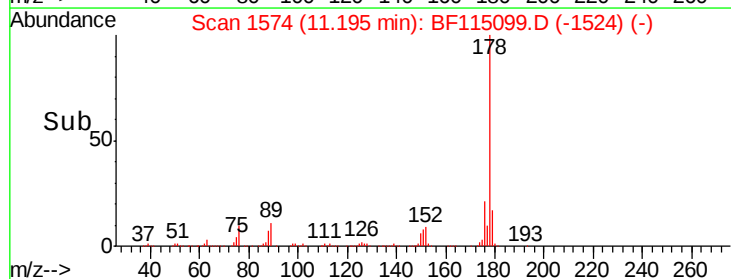
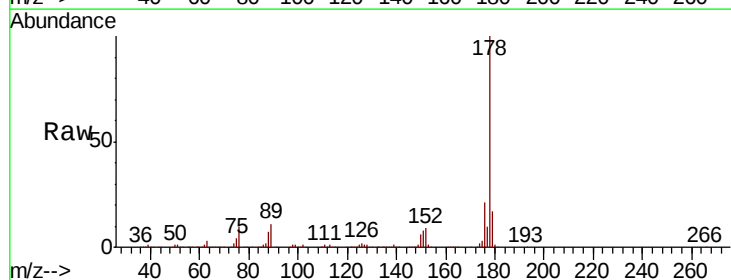
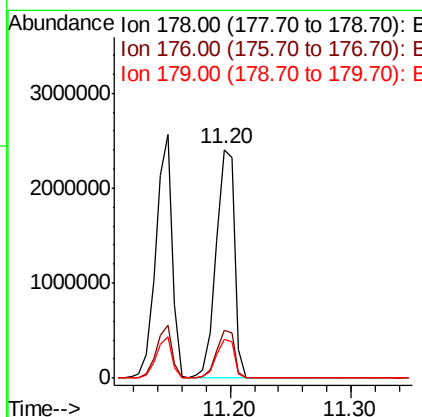
Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM



#72
Anthracene
Concen: 40.944 ng
RT: 11.20 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	16.1	24.1
179	17.1	12.9	19.3





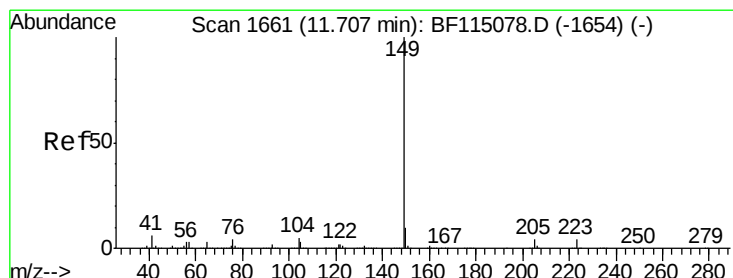
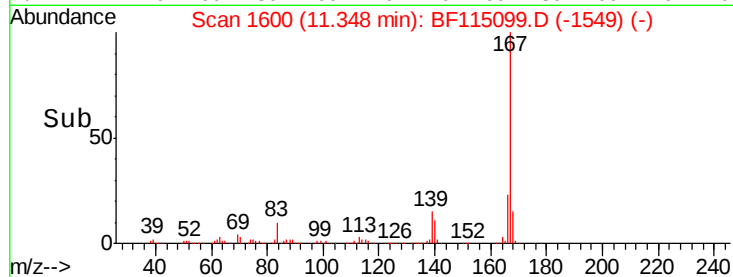
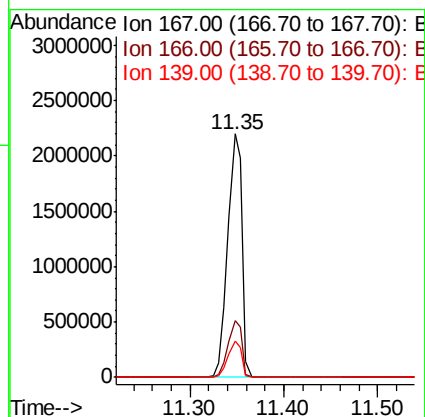
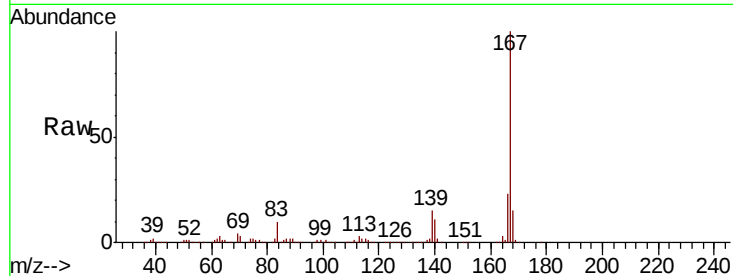
#73
 Carbazole
 Concen: 42.629 ng
 RT: 11.35 min Scan# 1600
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.2	18.0	27.0
139	14.8	11.1	16.7

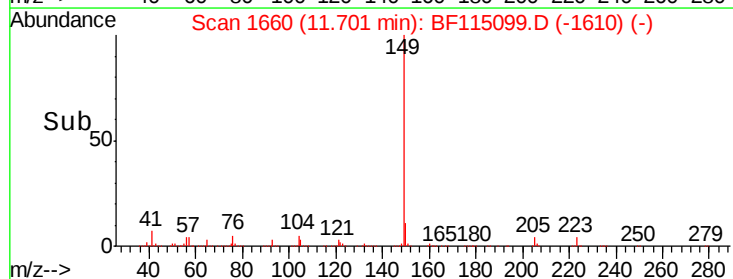
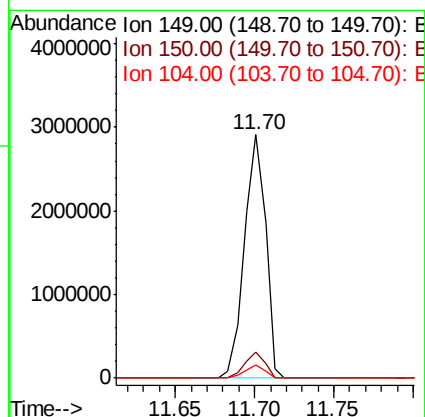
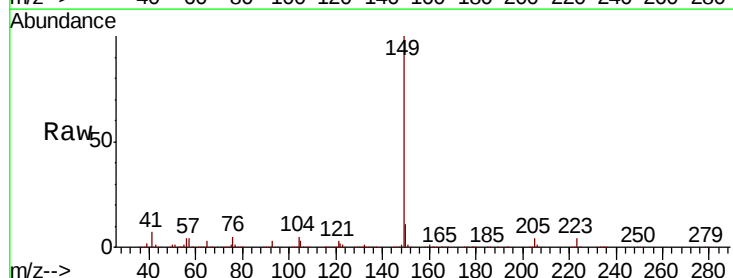
Manual Integrations
 APPROVED

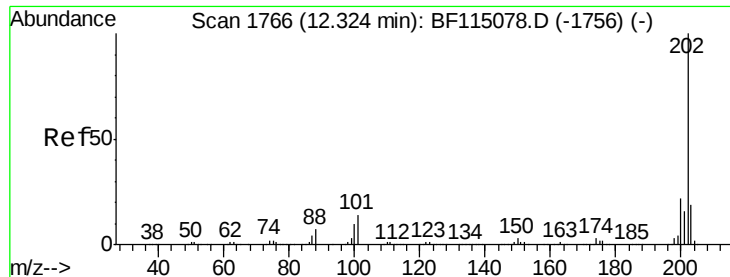
mohammad
 6/25/2019 12:41:32 PM



#74
 Di-n-butylphthalate
 Concen: 42.619 ng
 RT: 11.70 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	7.8	11.8
104	5.3	3.7	5.5





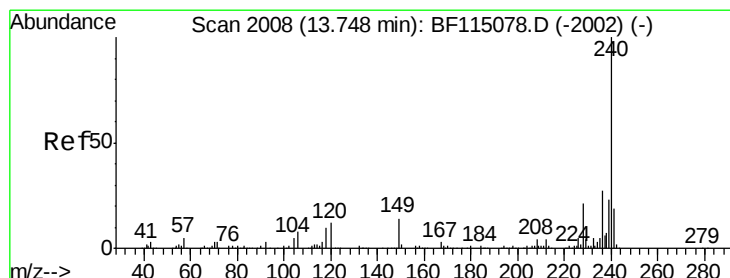
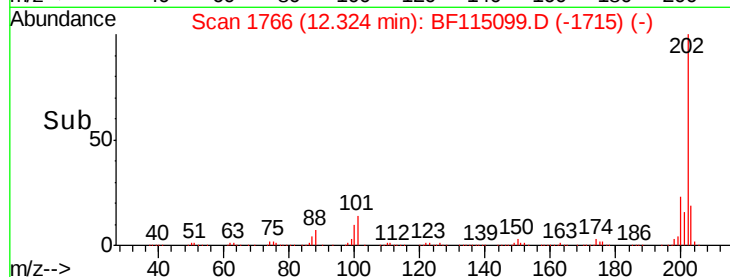
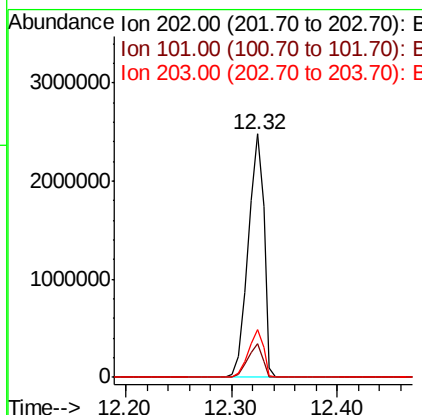
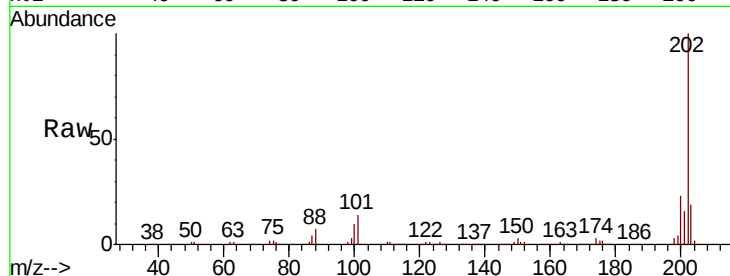
#75
Fluoranthene
 Concen: 42.482 ng
 RT: 12.32 min Scan# 1766
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.9	0.0	34.0
203	19.4	0.0	38.8

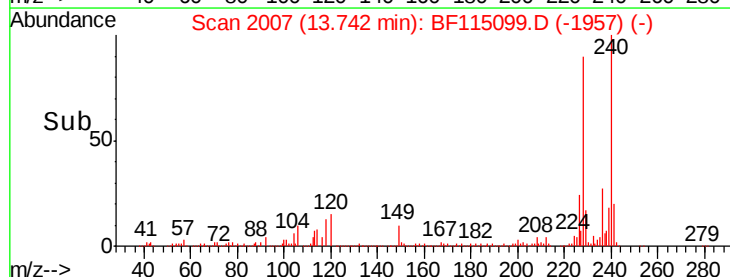
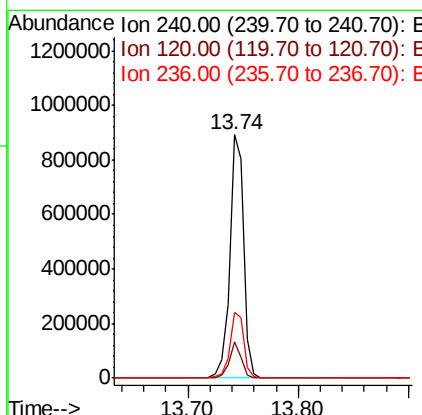
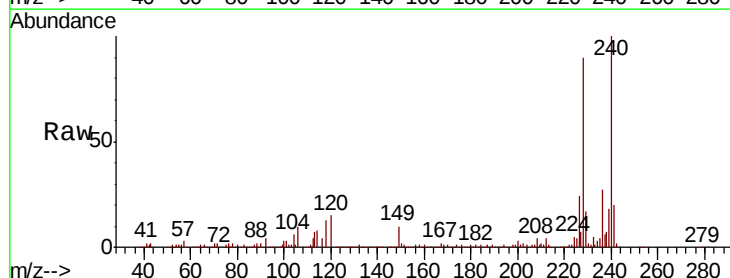
Manual Integrations
 APPROVED

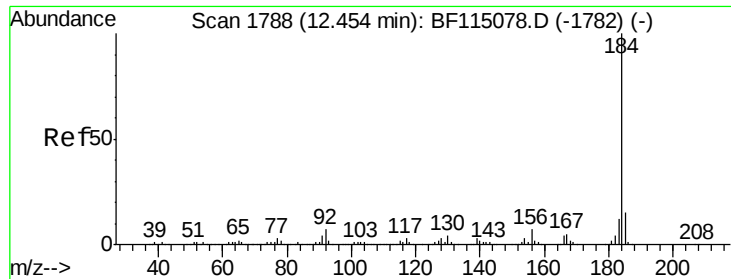
mohammad
 6/25/2019 12:41:32 PM



#76
Chrysene-d12
 Concen: 20.000 ng
 RT: 13.74 min Scan# 2007
 Delta R.T. -0.01 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.0	9.4	14.2#
236	27.2	21.7	32.5





#77

Benzidine

Concen: 16.093 ng

RT: 12.44 min Scan# 1786

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Instrument :

BNA_F

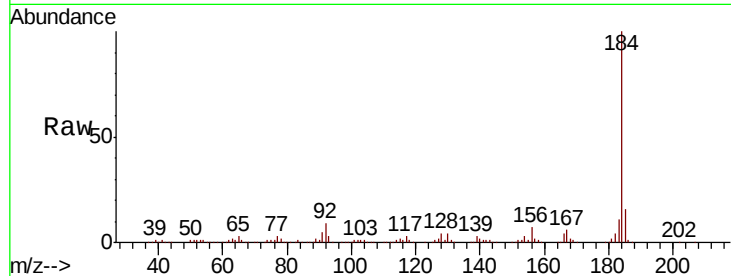
ClientSampleId :

PB120777BS

Tot Ion	Ratio	Lower	Upper
184	100		
185	16.0	12.2	18.2
183	11.2	9.6	14.4

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM

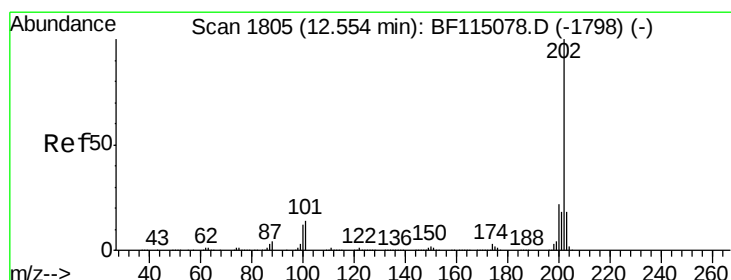
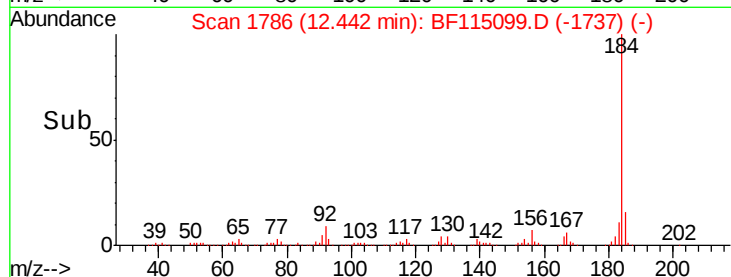
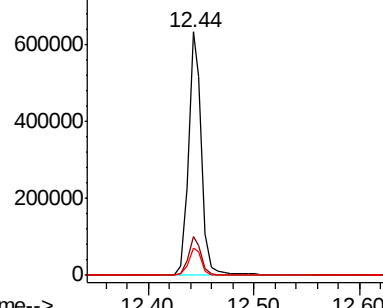


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 42.917 ng

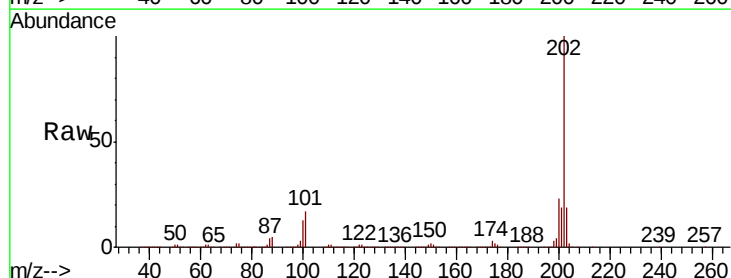
RT: 12.55 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF115099.D

Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
202	100		
200	23.1	17.9	26.9
203	19.1	14.6	21.8

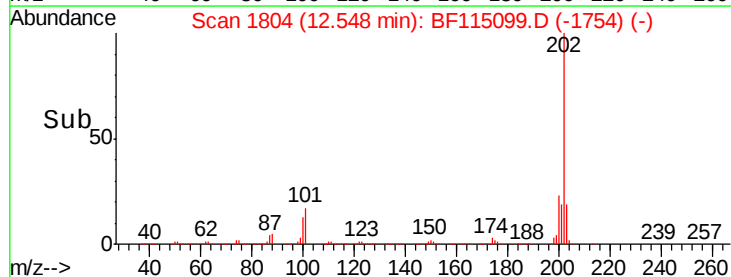
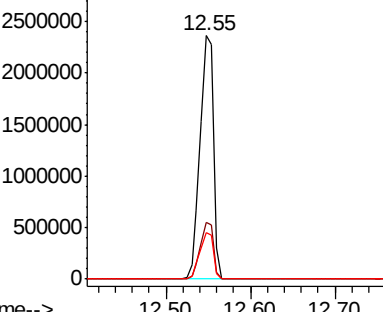


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





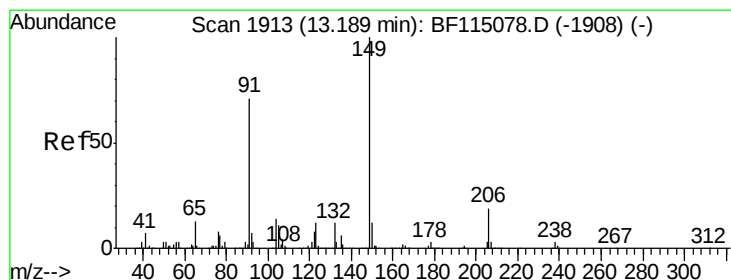
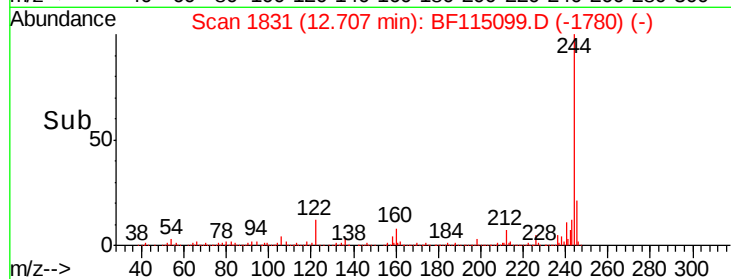
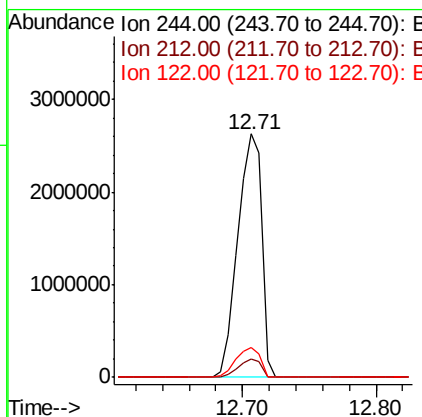
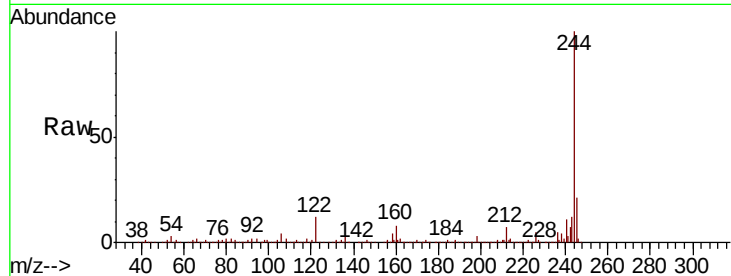
#79
 Terphenyl-d14
 Concen: 88.818 ng
 RT: 12.71 min Scan# 1831
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Instrument :
 BNA_F
 ClientSampleId :
 PB120777BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.6
122	12.1	10.4	15.6

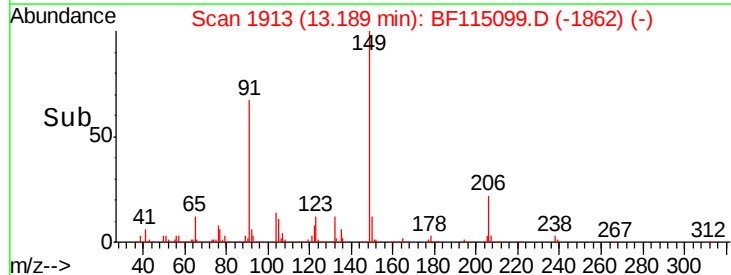
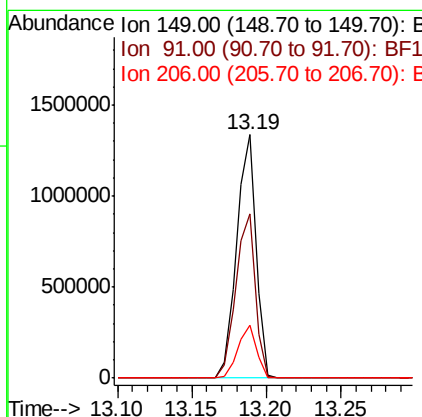
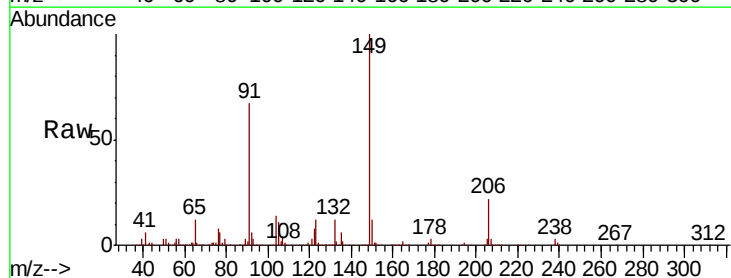
Manual Integrations
 APPROVED

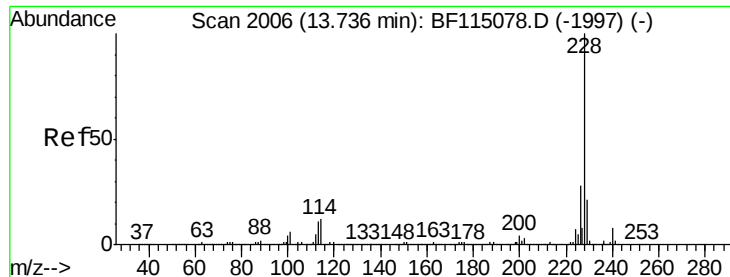
mohammad
 6/25/2019 12:41:32 PM



#80
 Butylbenzylphthalate
 Concen: 46.312 ng
 RT: 13.19 min Scan# 1913
 Delta R.T. 0.00 min
 Lab File: BF115099.D
 Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.3	56.5	84.7
206	21.5	15.3	22.9





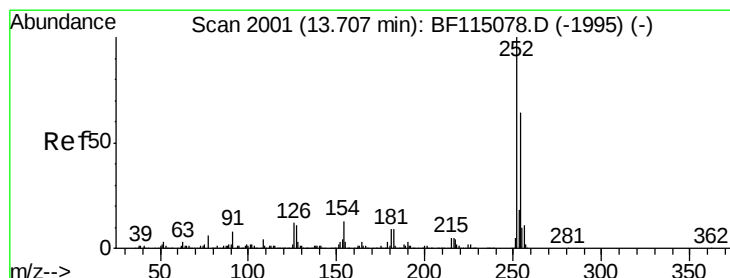
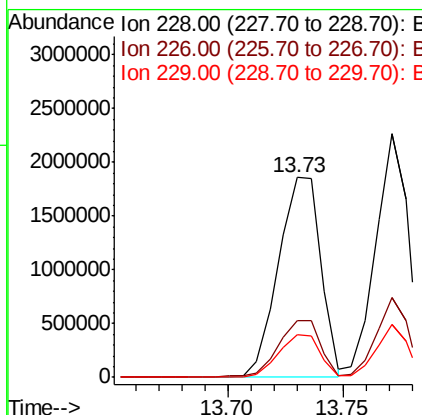
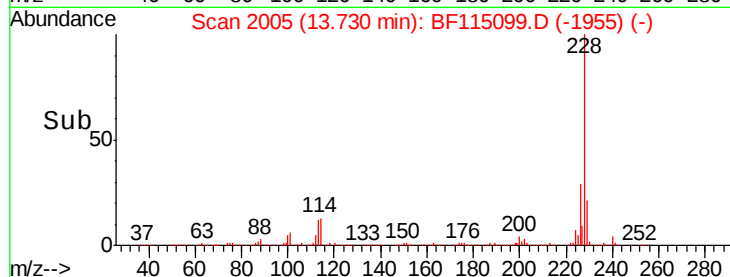
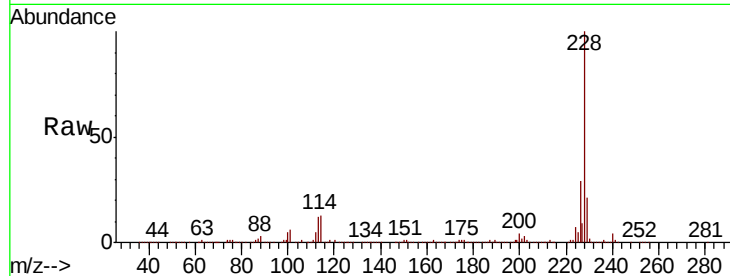
#81
Benzo(a)anthracene
Concen: 42.141 ng
RT: 13.73 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.6	22.5	33.7
229	21.2	16.6	24.8

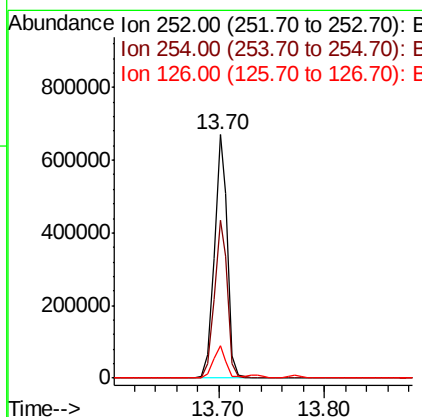
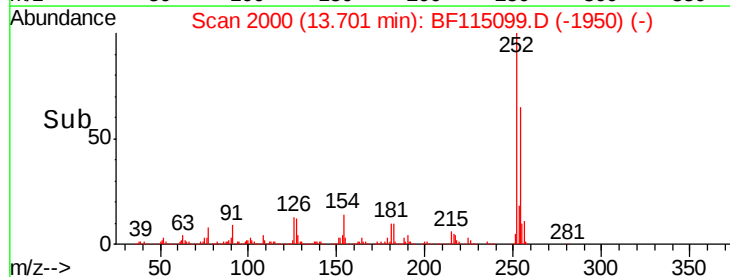
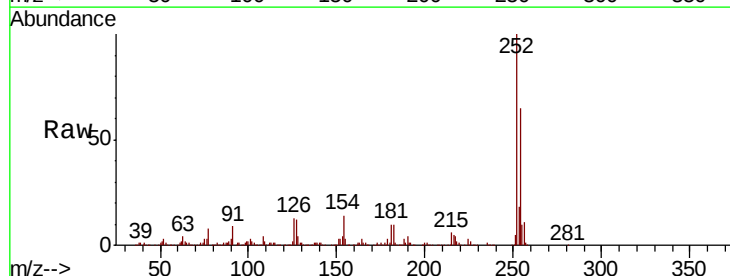
Manual Integrations
APPROVED

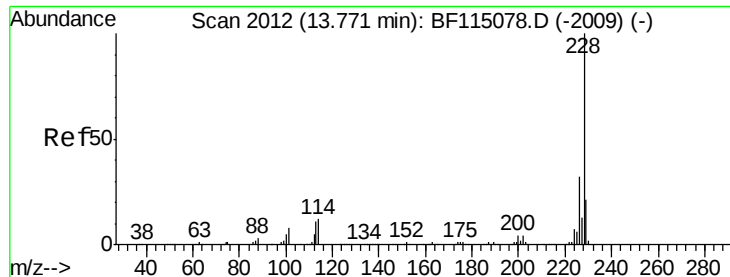
mohammad
6/25/2019 12:41:32 PM



#82
3,3'-Dichlorobenzidine
Concen: 28.883 ng
RT: 13.70 min Scan# 2000
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.1	76.7
126	13.5	9.4	14.0





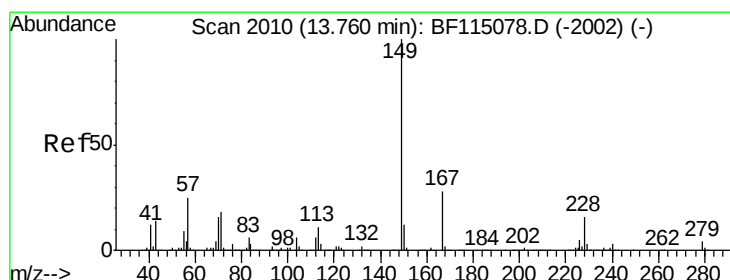
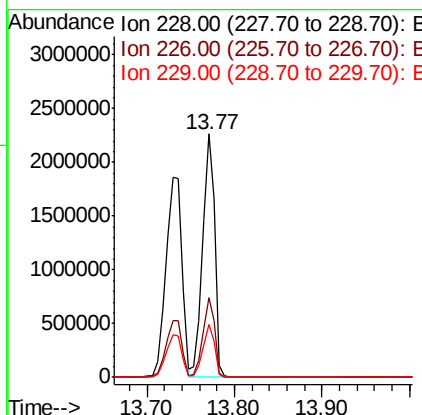
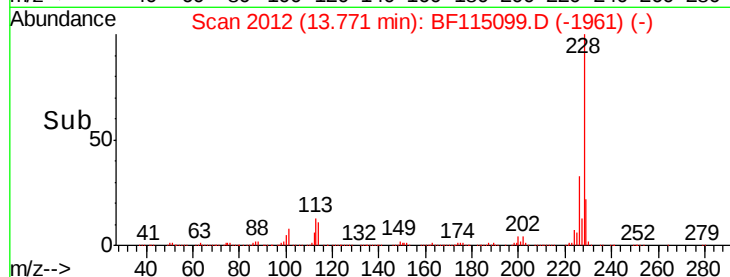
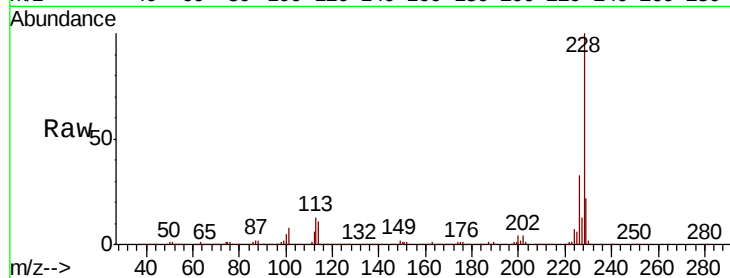
#83
Chrysene
Concen: 42.532 ng
RT: 13.77 min Scan# 2012
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	25.4	38.0
229	21.6	16.5	24.7

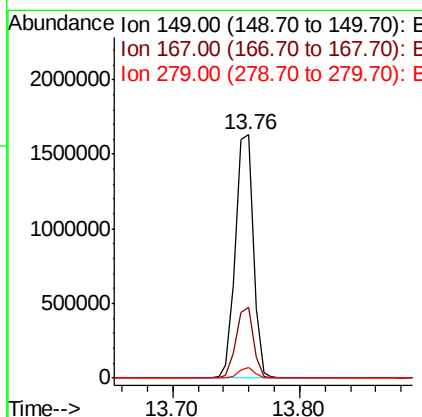
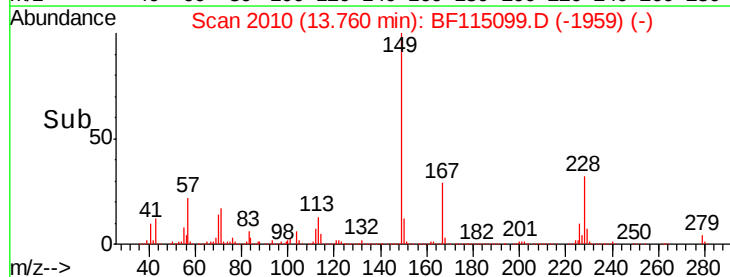
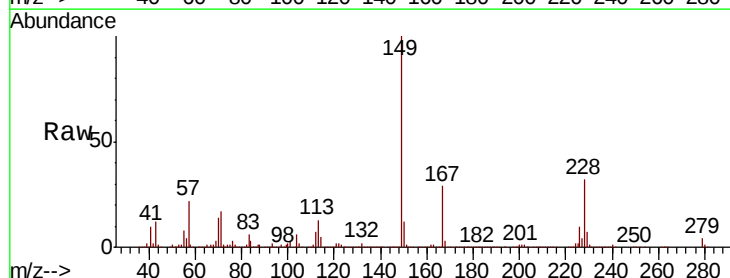
Manual Integrations
APPROVED

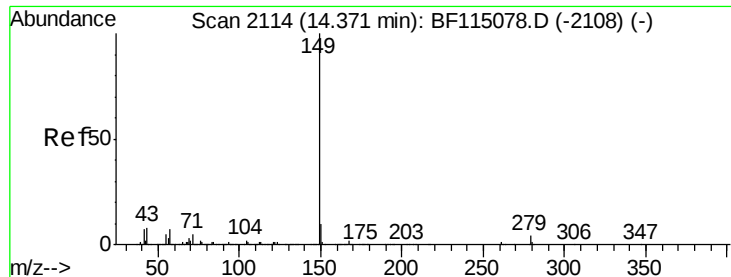
mohammad
6/25/2019 12:41:32 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.506 ng
RT: 13.76 min Scan# 2010
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.0	22.2	33.4
279	4.5	2.9	4.3#





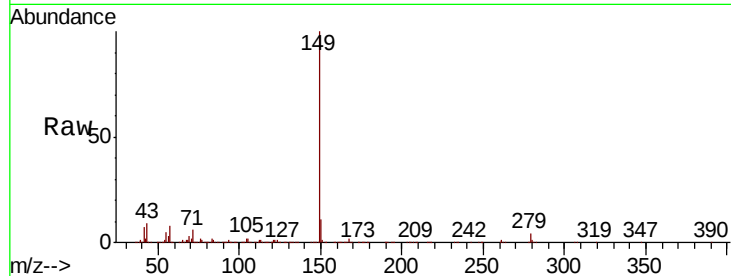
#85
Di-n-octyl phthalate
Concen: 46.062 ng
RT: 14.37 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.2	1.8
43	8.9	7.0	10.6

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM

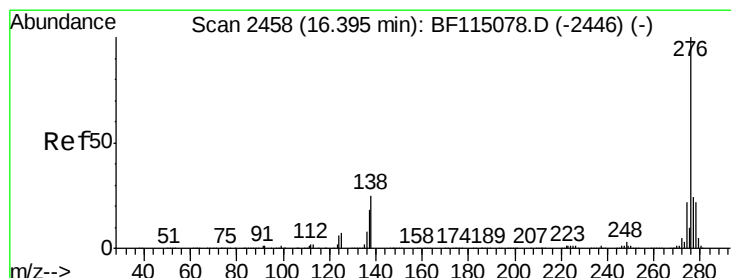
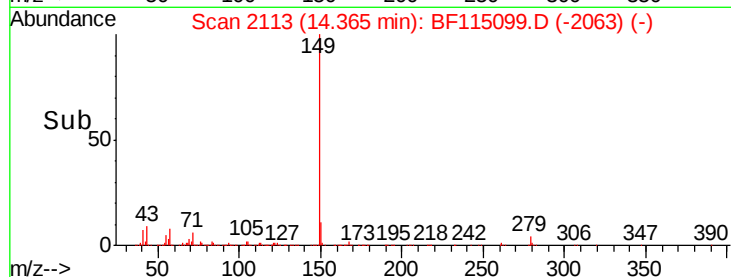
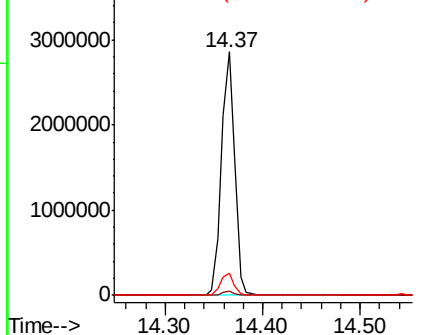


Abundance

Ion 149.00 (148.70 to 149.70): E

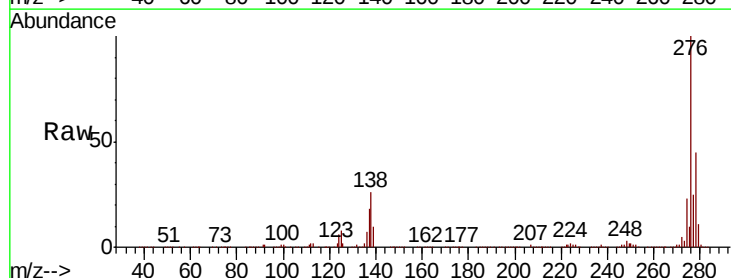
Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86
Indeno(1,2,3-cd)pyrene
Concen: 44.691 ng
RT: 16.39 min Scan# 2458
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.9	23.2	34.8
277	25.8	20.1	30.1

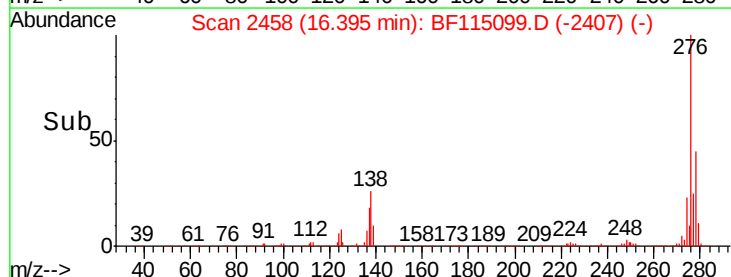
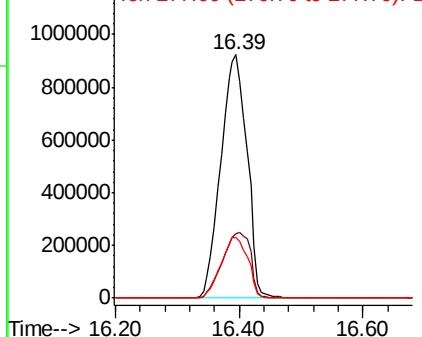


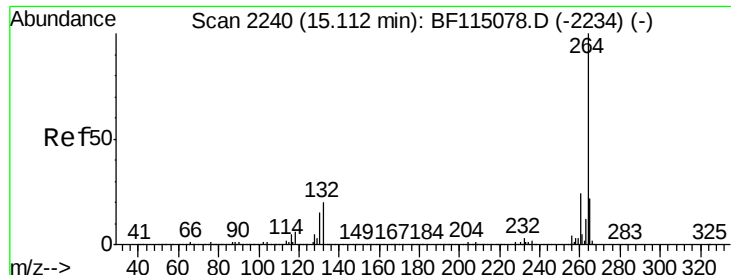
Abundance

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





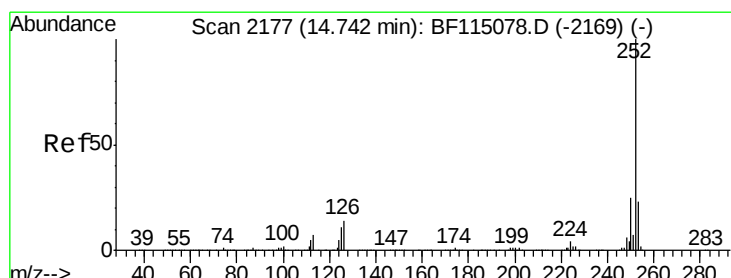
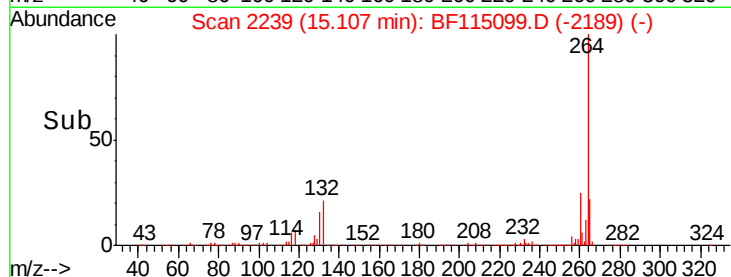
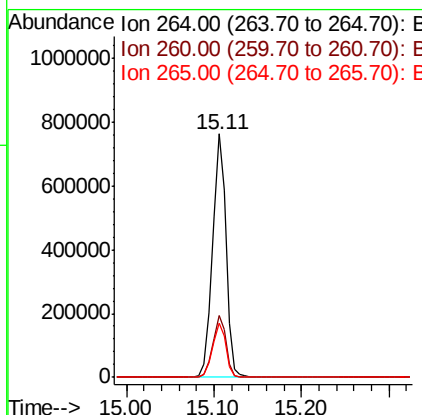
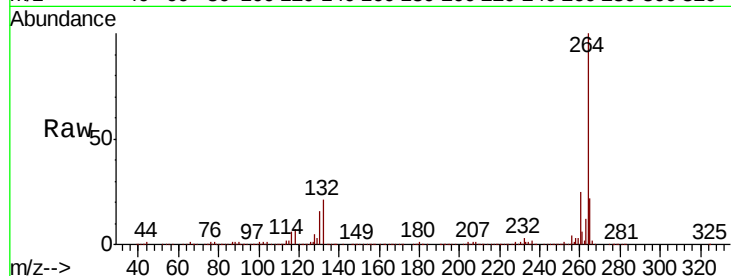
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.11 min Scan# 2239
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampled :
PB120777BS

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.2	19.6	29.4
265	22.0	17.3	25.9

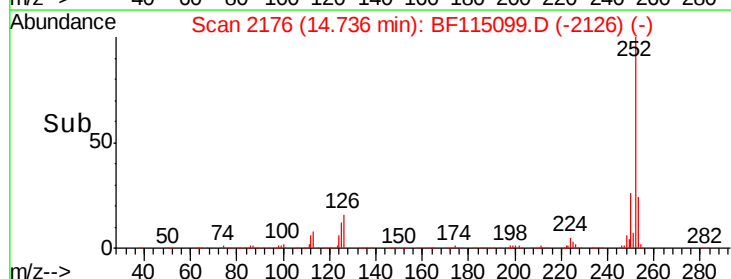
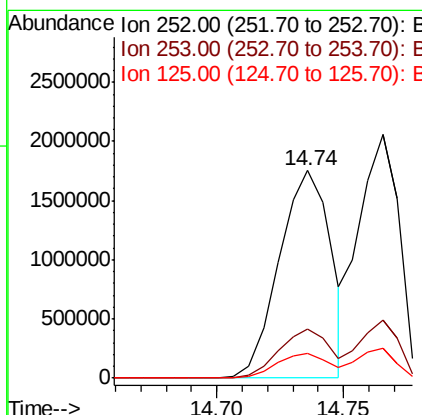
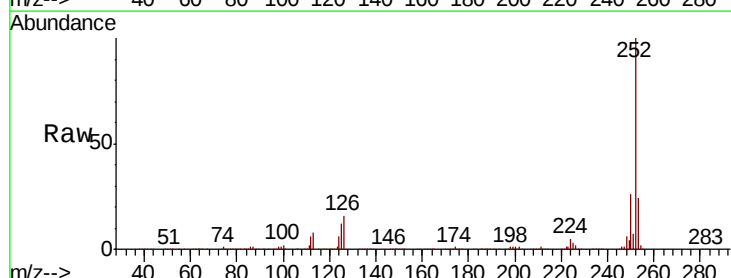
Manual Integrations
APPROVED

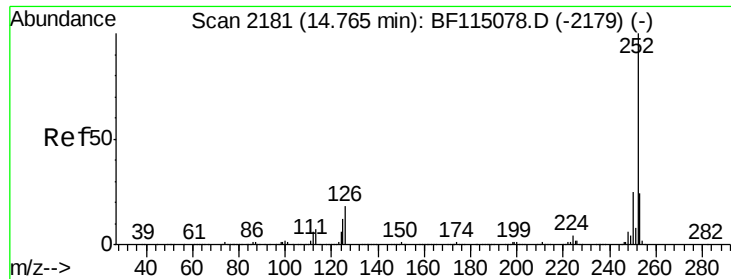
mohammad
6/25/2019 12:41:32 PM



#88
Benzo(b)fluoranthene
Concen: 48.479 ng
RT: 14.74 min Scan# 2176
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	11.8	8.7	13.1





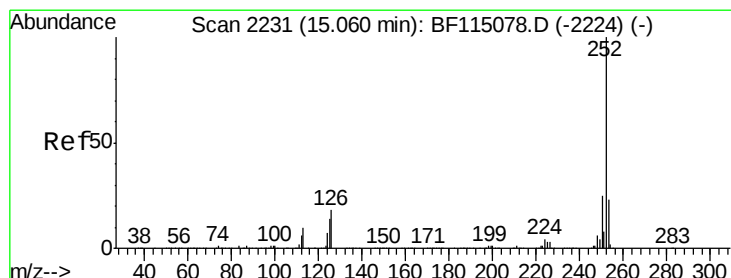
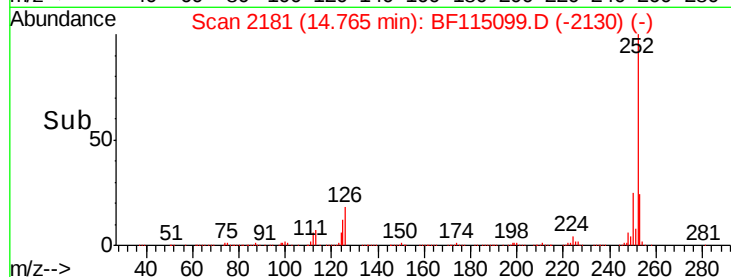
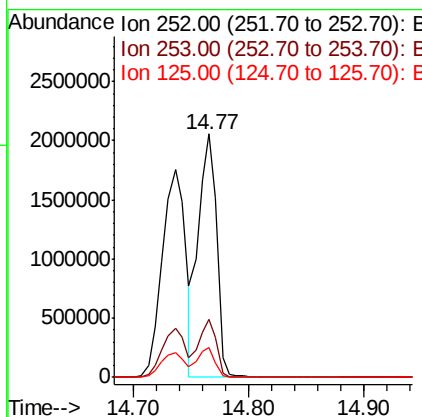
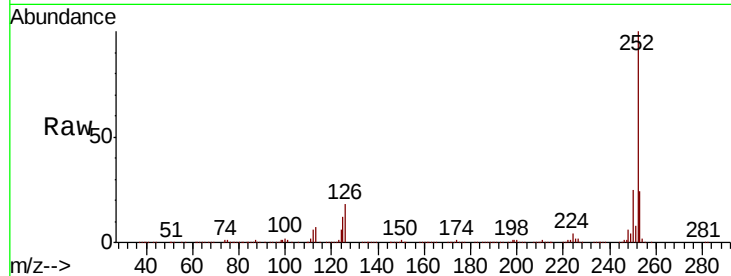
#89
Benzo(k)fluoranthene
Concen: 49.904 ng
RT: 14.77 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	12.3	10.2	15.2

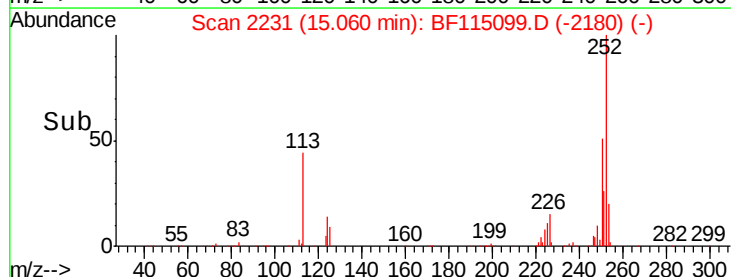
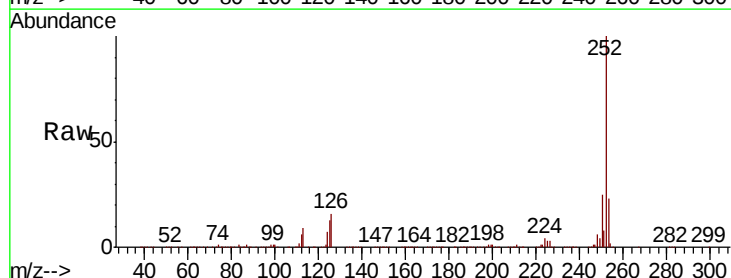
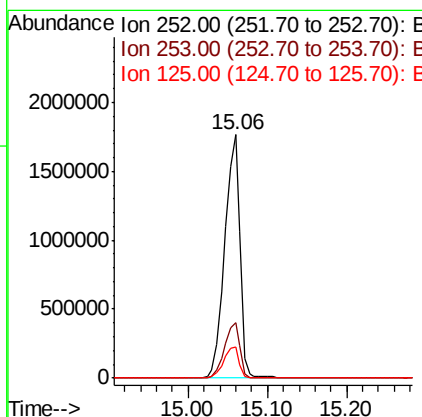
Manual Integrations
APPROVED

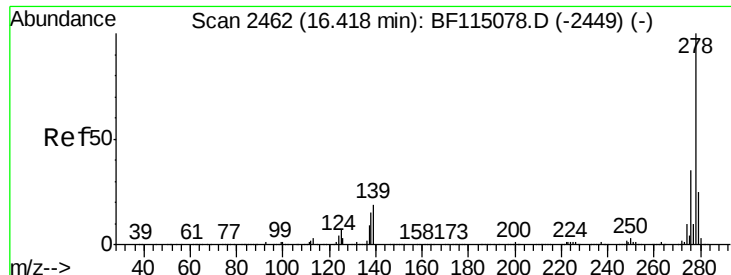
mohammad
6/25/2019 12:41:32 PM



#90
Benzo(a)pyrene
Concen: 50.839 ng
RT: 15.06 min Scan# 2231
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.3	27.5
125	12.6	10.9	16.3





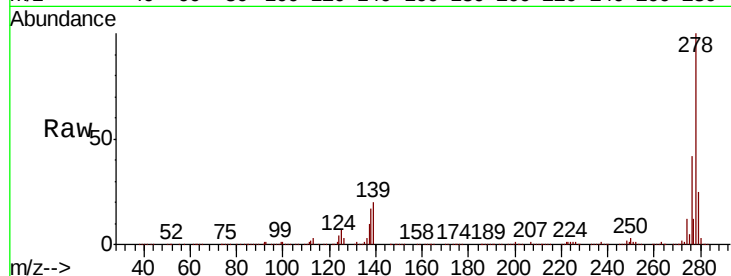
#91
Dibenzo(a,h)anthracene
Concen: 51.114 ng
RT: 16.41 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Instrument :
BNA_F
ClientSampleId :
PB120777BS

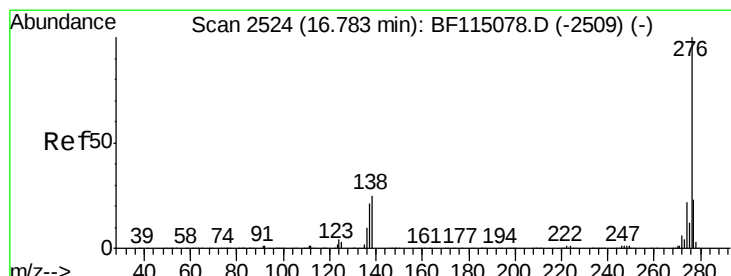
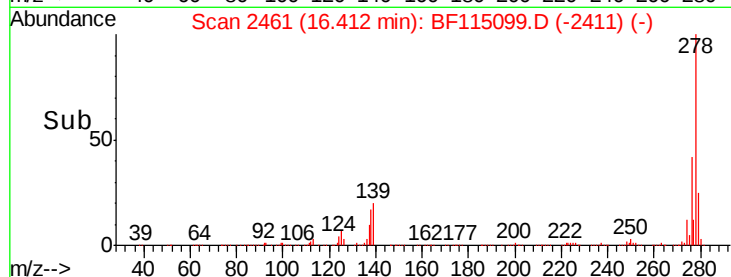
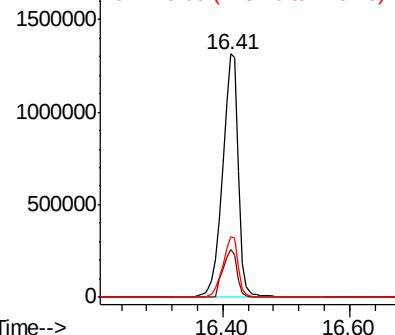
Tot Ion	Ratio	Lower	Upper
278	100		
139	19.5	15.4	23.2
279	25.0	19.9	29.9

Manual Integrations
APPROVED

mohammad
6/25/2019 12:41:32 PM

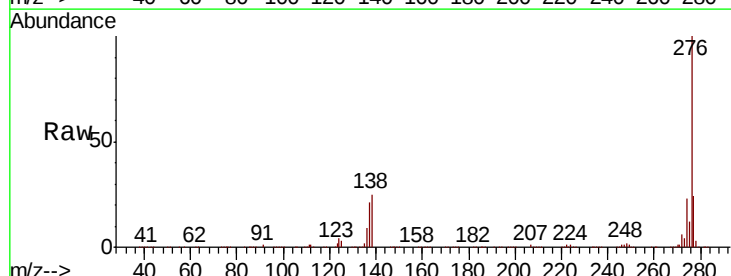


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 52.603 ng
RT: 16.78 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BF115099.D
Acq: 22 Jun 2019 00:57

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	25.1	19.8	29.6



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

