

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
 Data File : BF119651.D
 Acq On : 31 Mar 2020 15:00
 Operator : MA/SJ
 Sample : L2055-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Manual Integrations
 APPROVED

mohammad
 4/1/2020 11:55:21 AM

Quant Time: Mar 31 15:44:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	356917	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	1401787	20.00	ng	0.00
39) Acenaphthene-d10	9.88	164	728741	20.00	ng	0.00
64) Phenanthrene-d10	11.37	188	1392727	20.00	ng	0.00
76) Chrysene-d12	14.02	240	985650	20.00	ng	0.00
87) Perylene-d12	15.48	264	994486	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	2216531	98.86	ng	0.02
7) Phenol-d6	6.46	99	2929937	102.30	ng	0.00
23) Nitrobenzene-d5	7.40	82	1825795	70.79	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	862908	114.78	ng	0.00
45) 2-Fluorobiphenyl	9.20	172	3401880	69.16	ng	0.00
79) Terphenyl-d14	12.96	244	3721760	73.98	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.66	88	419002	37.839	ng	97
3) Pyridine	3.39	79	1147010	37.599	ng	93
4) n-Nitrosodimethylamine	3.35	42	570510	38.349	ng	90
6) Aniline	6.49	93	873686	22.103	ng	97
8) 2-Chlorophenol	6.62	128	1171834	49.763	ng	98
9) Benzaldehyde	6.37	77	658754	36.257	ng	98
10) Phenol	6.47	94	1438959	47.086	ng	97
11) bis(2-Chloroethyl)ether	6.56	93	1127578	46.133	ng	99
12) 1,3-Dichlorobenzene	6.77	146	1148094	45.048	ng	97
13) 1,4-Dichlorobenzene	6.85	146	1159614	45.488	ng	98
14) 1,2-Dichlorobenzene	7.00	146	1083572	45.475	ng	99
15) Benzyl Alcohol	6.97	79	950391	44.113	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	2024537	41.065	ng	98
17) 2-Methylphenol	7.09	107	945574	43.826	ng	99
18) Hexachloroethane	7.35	117	441130	47.219	ng	98
19) n-Nitroso-di-n-propylamine	7.25	70	788451	45.672	ng	97
20) 3+4-Methylphenols	7.24	107	1088733	41.175	ng	# 79
22) Acetophenone	7.24	105	1445676	43.161	ng	# 88
24) Nitrobenzene	7.42	77	1195884	43.385	ng	96
25) Isophorone	7.66	82	2295908	43.881	ng	99
26) 2-Nitrophenol	7.73	139	632502	58.278	ng	87
27) 2,4-Dimethylphenol	7.77	122	1006963	44.870	ng	99
28) bis(2-Chloroethoxy)methane	7.87	93	1470663	47.534	ng	99
29) 2,4-Dichlorophenol	7.97	162	975690	47.317	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	1029006	45.124	ng	99
31) Naphthalene	8.14	128	3164666	43.870	ng	99
32) Benzoic acid	7.91	122	846710	58.653	ng	91
33) 4-Chloroaniline	8.18	127	321062	9.713	ng	96
34) Hexachlorobutadiene	8.26	225	575466	45.103	ng	99
35) Caprolactam	8.57	113	288943m	42.816	ng	
36) 4-Chloro-3-methylphenol	8.67	107	1045015	46.368	ng	99
37) 2-Methylnaphthalene	8.83	142	2233060	47.168	ng	99
38) 1-Methylnaphthalene	8.93	142	2089903	46.638	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	930530	43.564	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\
 Data File : BF119651.D
 Acq On : 31 Mar 2020 15:00
 Operator : MA/SJ
 Sample : L2055-04MS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleID :
 SB-6-(10-12)MS

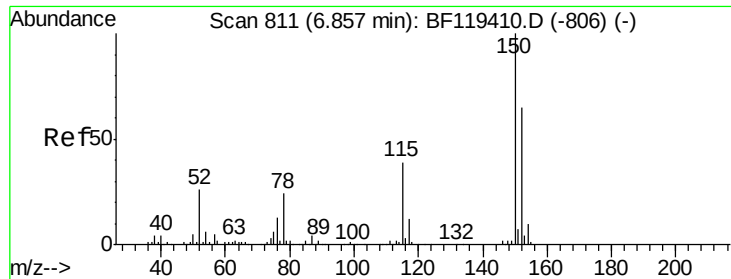
Manual Integrations
 APPROVED

mohammad
 4/1/2020 11:55:21 AM

Quant Time: Mar 31 15:44:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 31 14:11:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.99	237	1159101	95.451	nq	99
43) 2,4,6-Trichlorophenol	9.11	196	744558	48.710	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	757142	44.217	nq	94
46) 1,1'-Biphenyl	9.30	154	2591236	43.658	nq	99
47) 2-Chloronaphthalene	9.33	162	2034895	43.769	nq	98
48) 2-Nitroaniline	9.42	65	734343	45.762	nq	95
49) Acenaphthylene	9.75	152	3188679	43.676	nq	100
50) Dimethylphthalate	9.61	163	2761536	53.350	nq	99
51) 2,6-Dinitrotoluene	9.67	165	563462	50.785	nq	95
52) Acenaphthene	9.92	154	2010926	44.182	nq	99
53) 3-Nitroaniline	9.83	138	337593	24.101	nq	93
54) 2,4-Dinitrophenol	9.95	184	639365	128.343	nq	97
55) Dibenzofuran	10.09	168	2837274	43.479	nq	99
56) 4-Nitrophenol	10.00	139	973125	88.066	nq	93
57) 2,4-Dinitrotoluene	10.07	165	719007	51.443	nq	97
58) Fluorene	10.43	166	2155836	44.675	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	649251	50.724	nq	97
60) Diethylphthalate	10.31	149	2513047	47.835	nq	98
61) 4-Chlorophenyl-phenylether	10.42	204	1058456	44.854	nq	98
62) 4-Nitroaniline	10.46	138	574000	42.734	nq	97
63) Azobenzene	10.59	77	2380988	45.005	nq	97
65) 4,6-Dinitro-2-methylphenol	10.48	198	426670	73.059	nq	87
66) n-Nitrosodiphenylamine	10.55	169	2075175	45.388	nq	98
67) 4-Bromophenyl-phenylether	10.92	248	731408	46.113	nq	97
68) Hexachlorobenzene	10.98	284	768525	47.341	nq	99
69) Atrazine	11.07	200	655741	52.315	nq	100
70) Pentachlorophenol	11.17	266	869177	91.312	nq	97
71) Phenanthrene	11.40	178	3106767	43.020	nq	99
72) Anthracene	11.45	178	3210862	43.747	nq	99
73) Carbazole	11.60	167	2992056	41.185	nq	99
74) Di-n-butylphthalate	11.94	149	3836038	49.361	nq	99
75) Fluoranthene	12.59	202	3399057	43.491	nq	98
77) Benzidine	12.71	184	1671096	40.062	nq	98
78) Pyrene	12.82	202	3393004	41.945	nq	100
80) Butylbenzylphthalate	13.44	149	1724478	52.709	nq	96
81) Benzo(a)anthracene	14.01	228	2668734	41.637	nq	98
82) 3,3'-Dichlorobenzidine	13.97	252	849775	33.625	nq	98
83) Chrysene	14.05	228	2788682	42.158	nq	99
84) Bis(2-ethylhexyl)phthalate	14.00	149	2207018	56.588	nq	98
85) Di-n-octyl phthalate	14.62	149	3995426	58.249	nq	100
86) Indeno(1,2,3-cd)pyrene	16.95	276	2730115	43.823	nq	98
88) Benzo(b)fluoranthene	15.06	252	3190441	48.026	nq	97
89) Benzo(k)fluoranthene	15.09	252	2527107	39.950	nq	98
90) Benzo(a)pyrene	15.43	252	2594958	42.983	nq	99
91) Dibenzo(a,h)anthracene	16.97	278	2269189	42.973	nq	97
92) Benzo(g,h,i)perylene	17.40	276	2216951	41.790	nq	95

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



#1

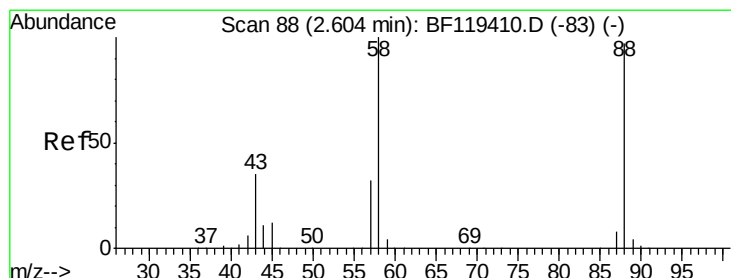
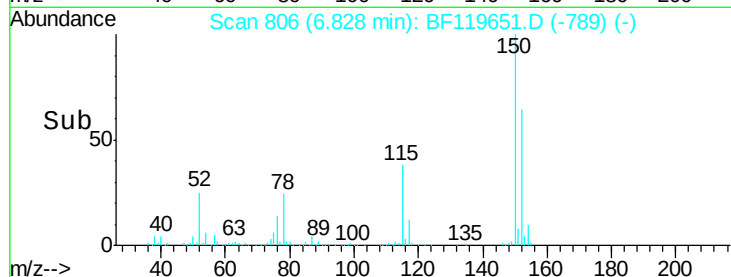
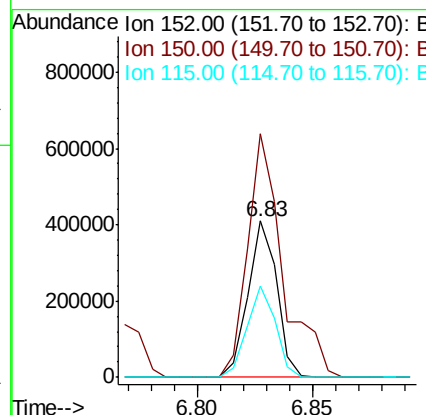
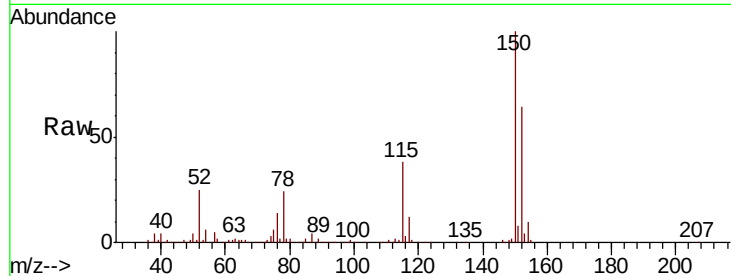
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.6	124.5	186.7
115	58.5	49.6	74.4

Manual Integrations
APPROVED

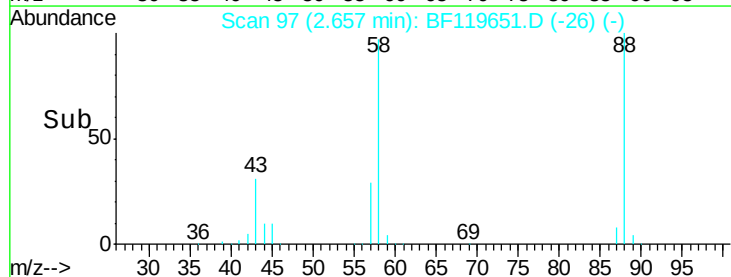
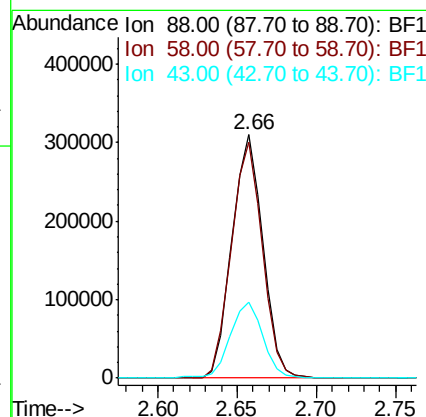
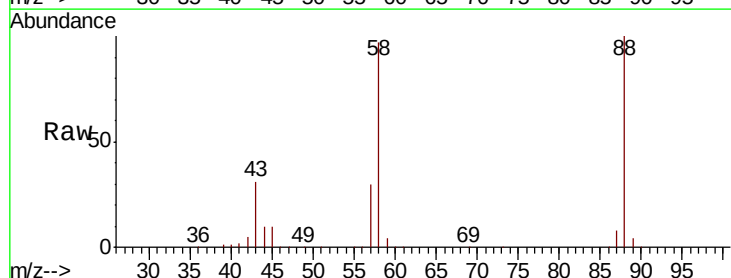
mohammad
4/1/2020 11:55:21 AM

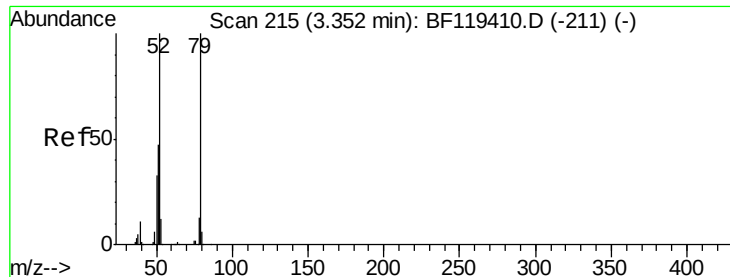


#2

1,4-Dioxane
Concen: 37.839 ng
RT: 2.66 min Scan# 97
Delta R.T. 0.12 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
88	100		
58	97.6	80.6	121.0
43	32.5	27.5	41.3





#3
 Pvridine
 Concen: 37.599 ng
 RT: 3.39 min Scan# 221
 Delta R.T. 0.11 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

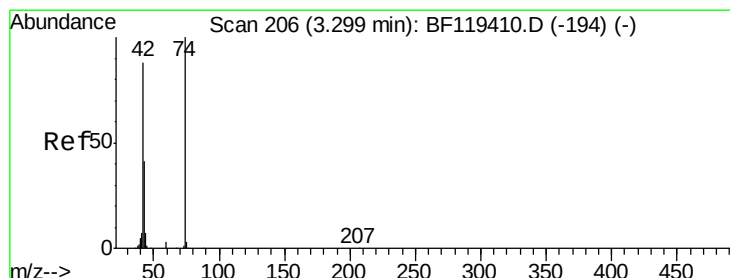
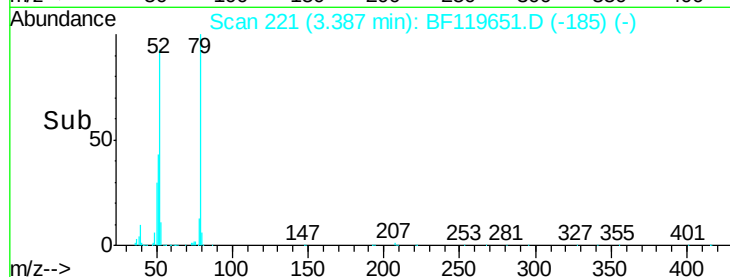
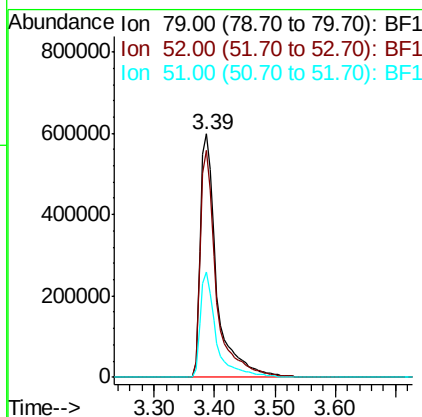
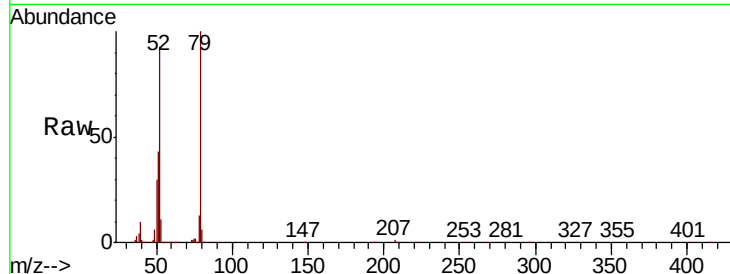
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Tot Ion: 79 Resp: 1147010

Ion	Ratio	Lower	Upper
79	100		
52	93.1	80.2	120.2
51	43.4	37.7	56.5

Manual Integrations
 APPROVED

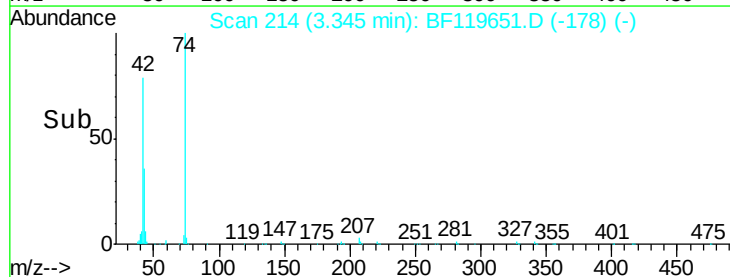
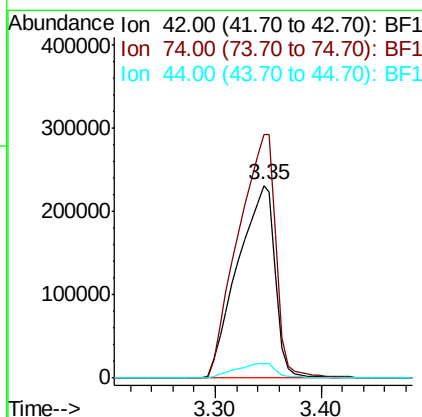
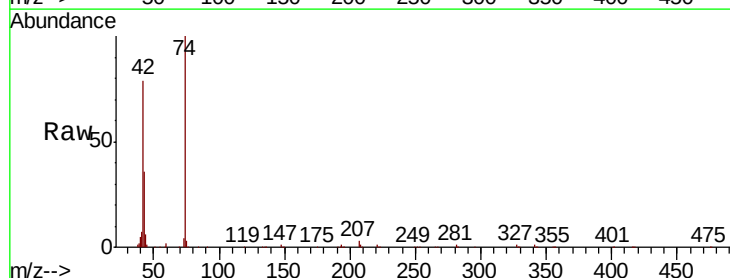
mohammad
 4/1/2020 11:55:21 AM

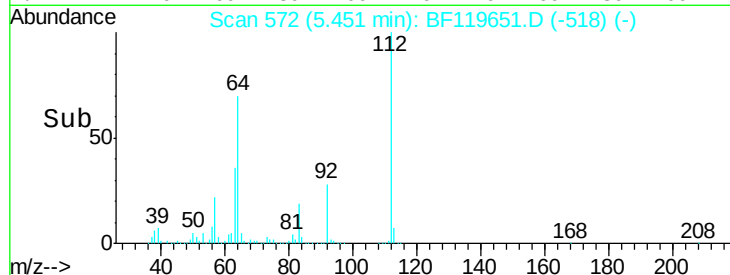
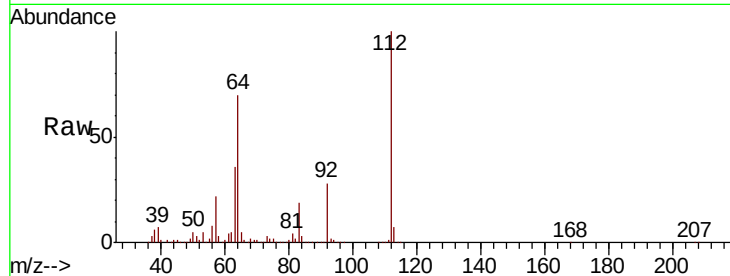
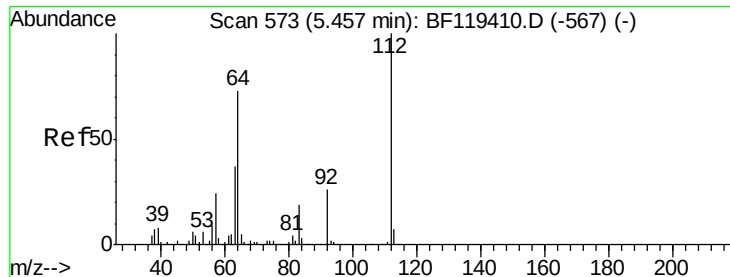


#4
 n-Nitrosodimethylamine
 Concen: 38.349 ng
 RT: 3.35 min Scan# 214
 Delta R.T. 0.11 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion: 42 Resp: 570510

Ion	Ratio	Lower	Upper
42	100		
74	126.1	91.5	137.3
44	7.5	6.2	9.4





#5

2-Fluorophenol

Concen: 98.861 ng

RT: 5.45 min Scan# 572

Delta R.T. 0.02 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tot Ion:	112	Resp:	2216531
Ion	Ratio	Lower	Upper
112	100		
64	70.1	56.7	85.1
63	35.9	29.5	44.3

Instrument :

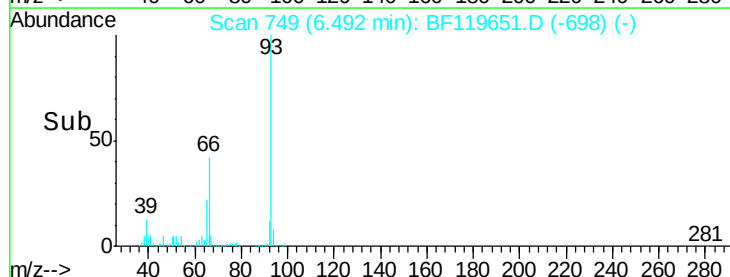
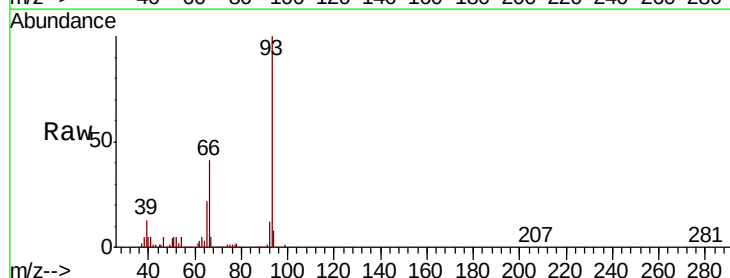
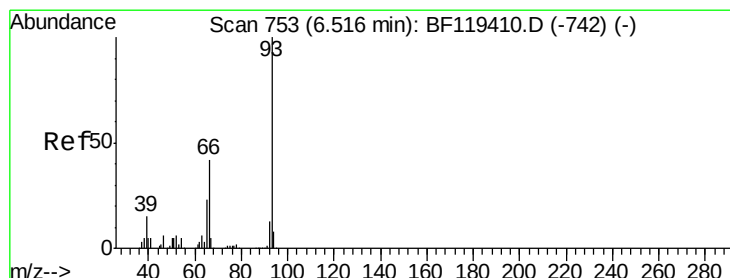
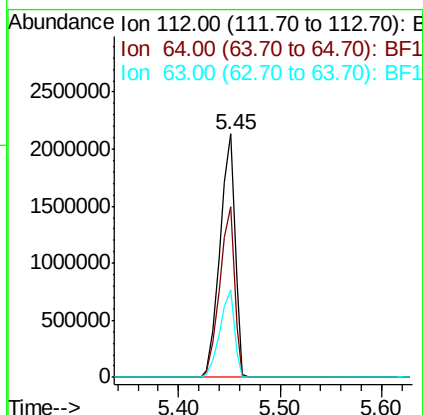
BNA_F

ClientSampleId :

SB-6-(10-12)MS

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM



#6

Aniline

Concen: 22.103 ng

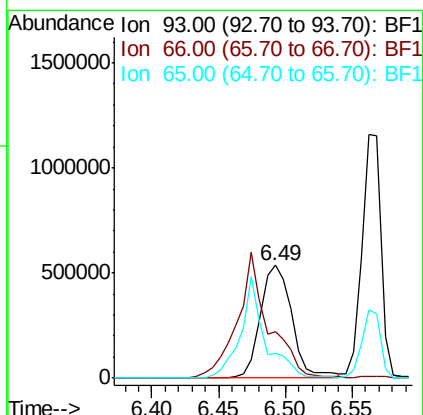
RT: 6.49 min Scan# 749

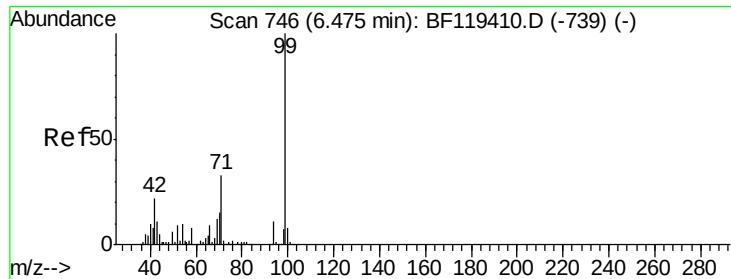
Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tgt Ion:	93	Resp:	873686
Ion	Ratio	Lower	Upper
93	100		
66	41.5	34.9	52.3
65	22.2	18.6	27.8





#7

Phenol-d6

Concen: 102.299 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

Tot Ion: 99 Resp: 2929937

Ion Ratio Lower Upper

99 100

42 19.8 16.6 24.8

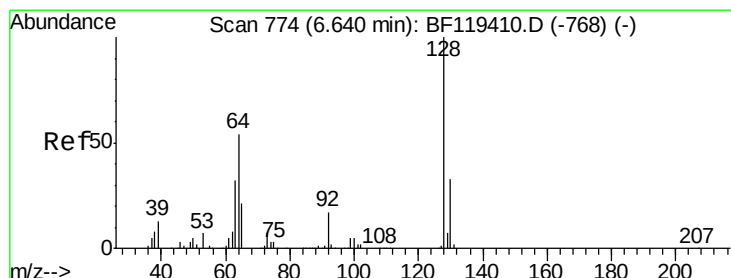
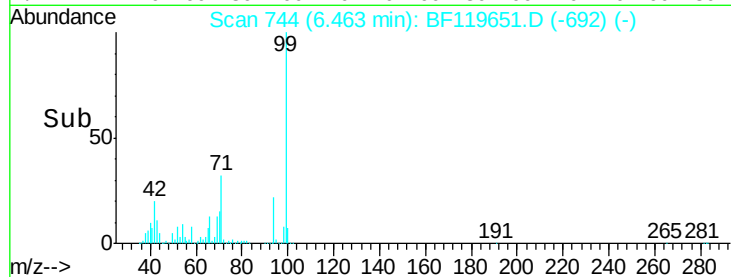
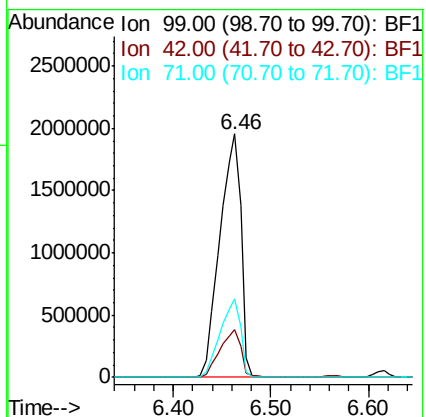
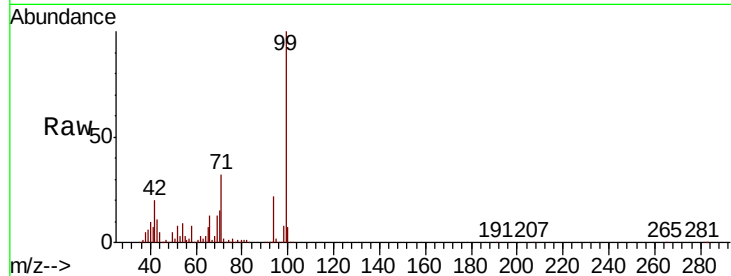
71 32.4 26.4 39.6

Manual Integrations

APPROVED

mohammad

4/1/2020 11:55:21 AM



#8

2-Chlorophenol

Concen: 49.763 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

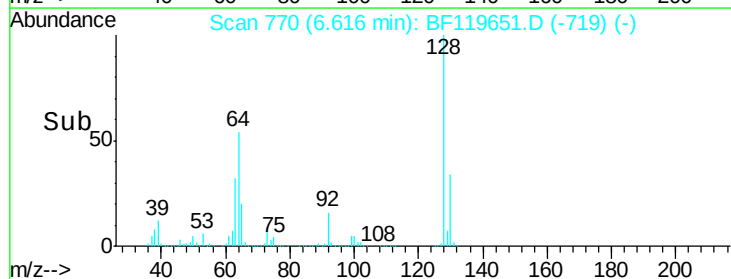
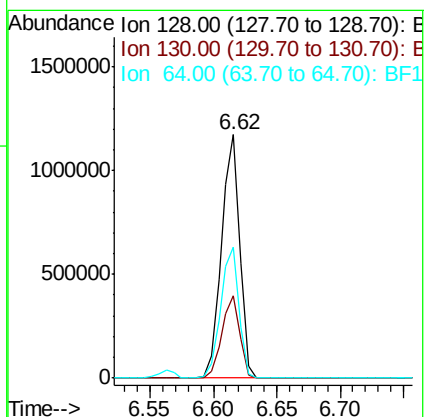
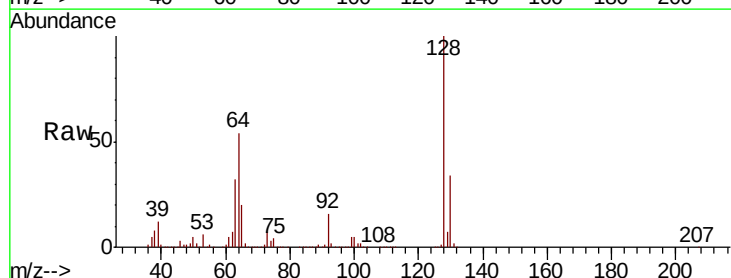
Tgt Ion:128 Resp: 1171834

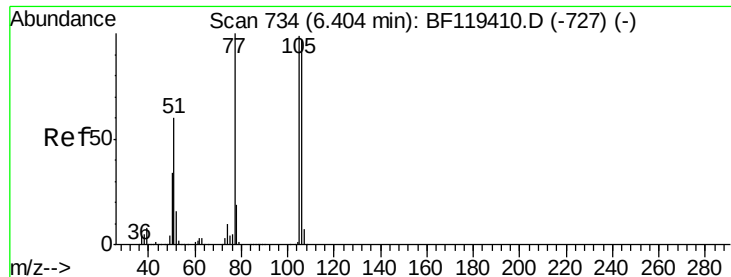
Ion Ratio Lower Upper

128 100

130 33.8 12.6 52.6

64 54.0 35.3 75.3





#9

Benzaldehyde

Concen: 36.257 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

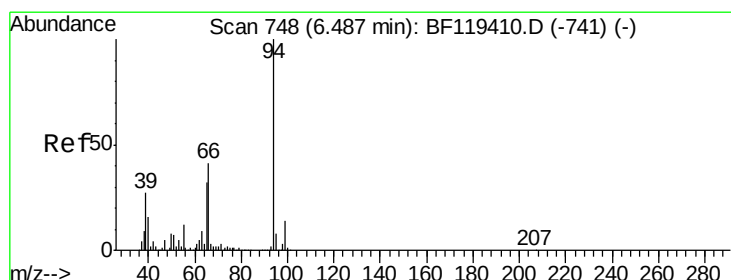
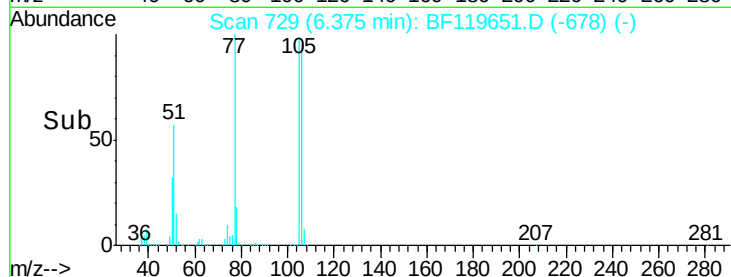
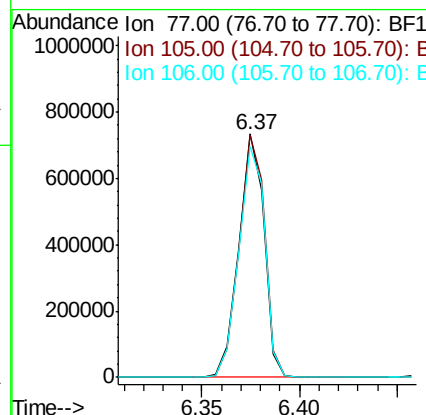
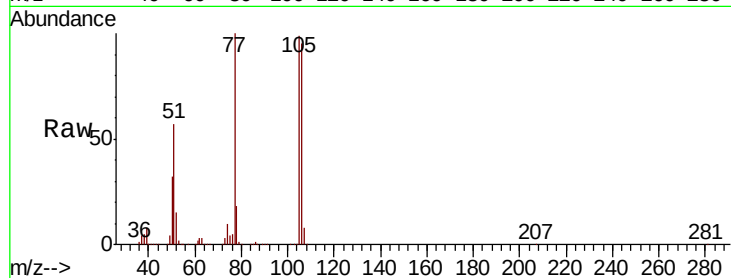
ClientSampleId :

SB-6-(10-12)MS

Tot Ion:	77	Resp:	658754
Ion	Ratio	Lower	Upper
77	100		
105	99.4	80.9	120.9
106	95.0	77.9	117.9

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM



#10

Phenol

Concen: 47.086 ng

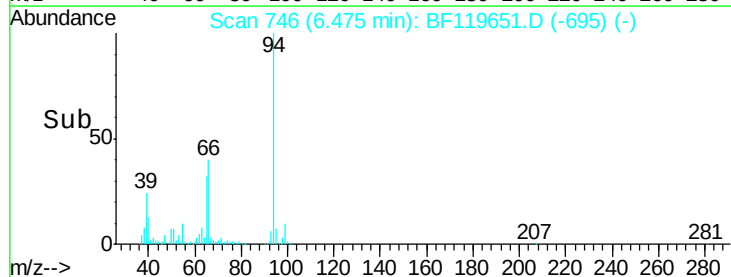
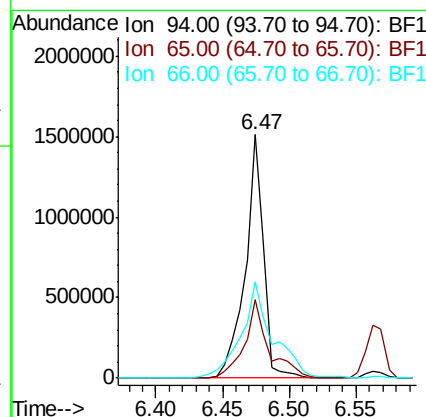
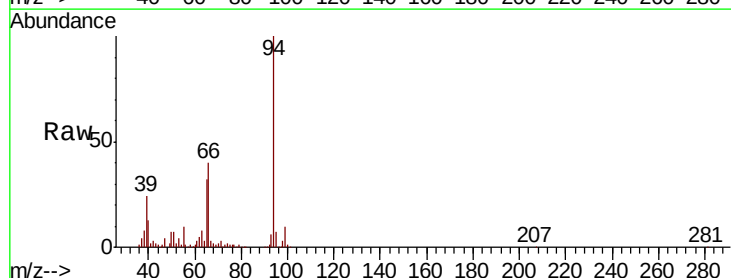
RT: 6.47 min Scan# 746

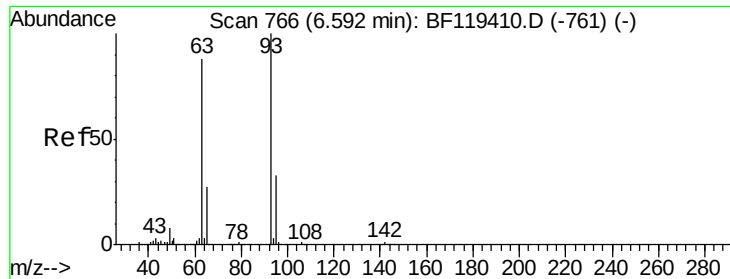
Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tgt Ion:	94	Resp:	1438959
Ion	Ratio	Lower	Upper
94	100		
65	32.1	13.2	53.2
66	39.8	22.3	62.3





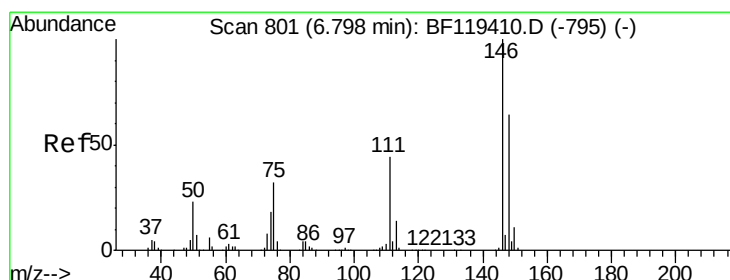
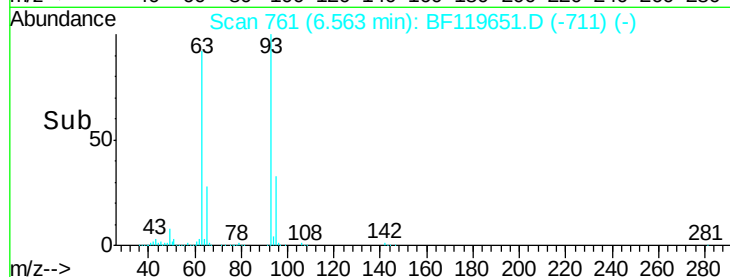
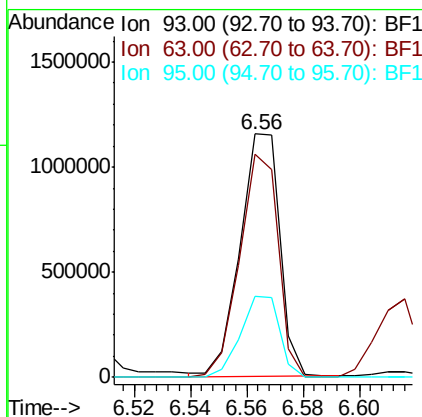
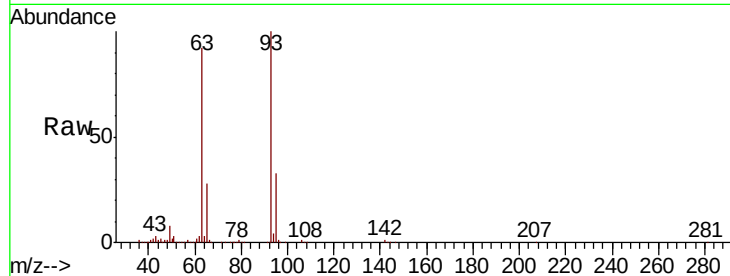
#11
bis(2-Chloroethyl)ether
Concen: 46.133 ng
RT: 6.56 min Scan# 761
Delta R.T. -0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion: 93 Resp: 1127578
Ion Ratio Lower Upper
93 100
63 91.6 70.2 110.2
95 33.2 13.4 53.4

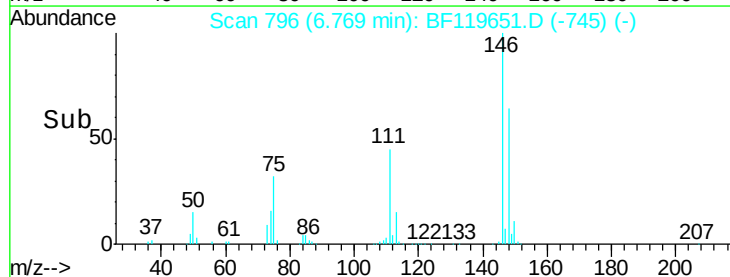
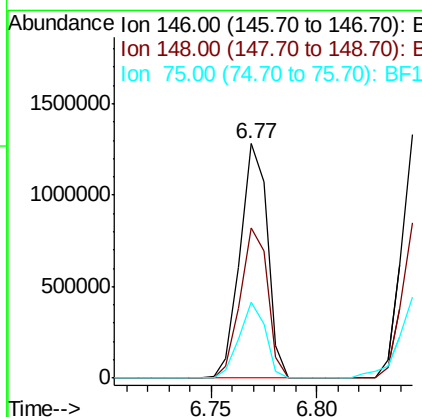
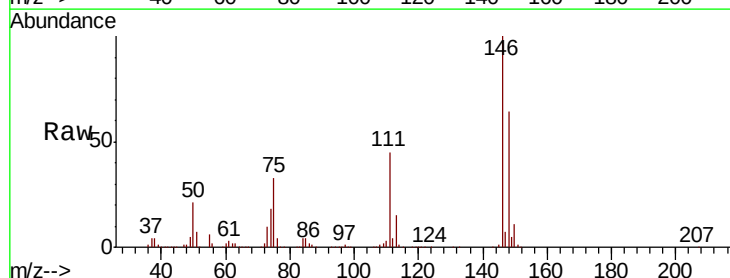
Manual Integrations
APPROVED

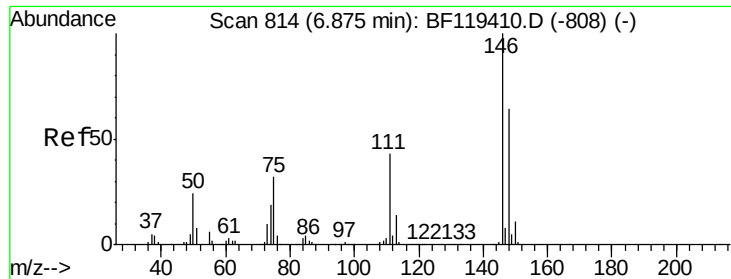
mohammad
4/1/2020 11:55:21 AM



#12
1,3-Dichlorobenzene
Concen: 45.048 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion: 146 Resp: 1148094
Ion Ratio Lower Upper
146 100
148 64.1 52.2 78.4
75 32.6 23.0 34.4





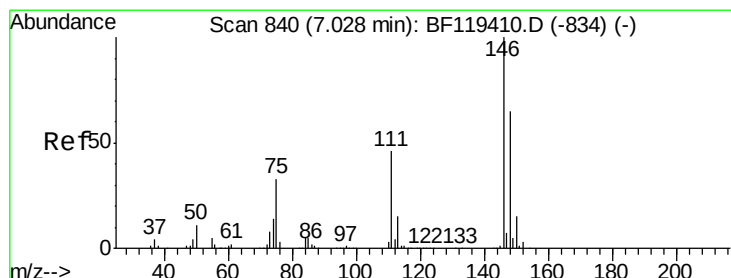
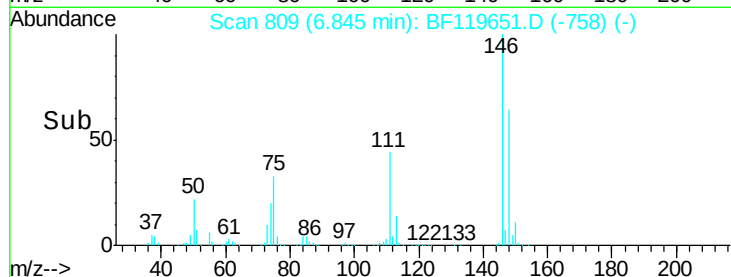
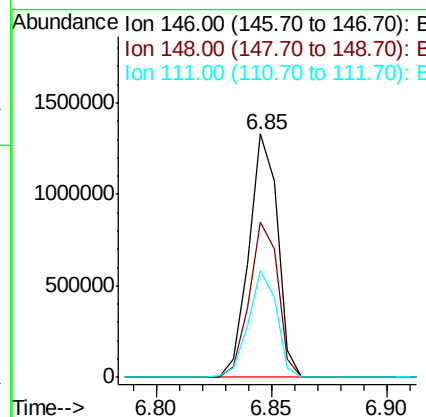
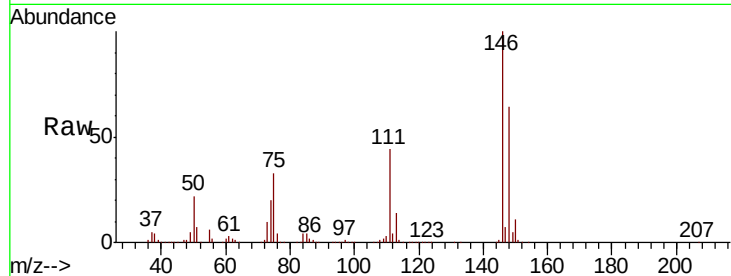
#13
 1,4-Dichlorobenzene
 Concen: 45.488 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	51.5	77.3
111	44.0	33.3	49.9

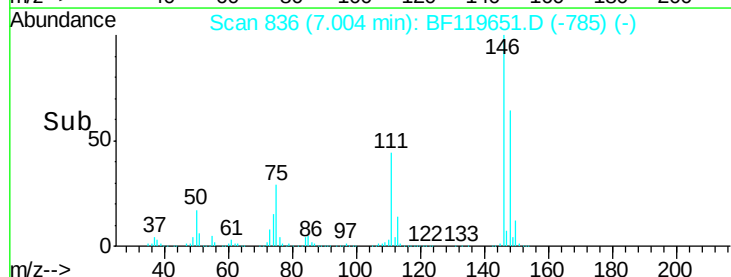
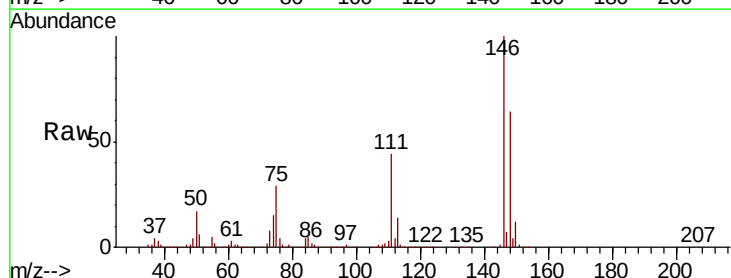
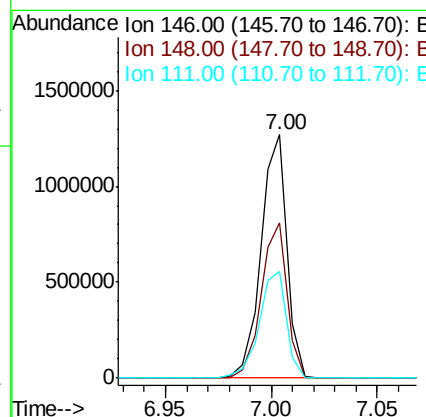
Manual Integrations
 APPROVED

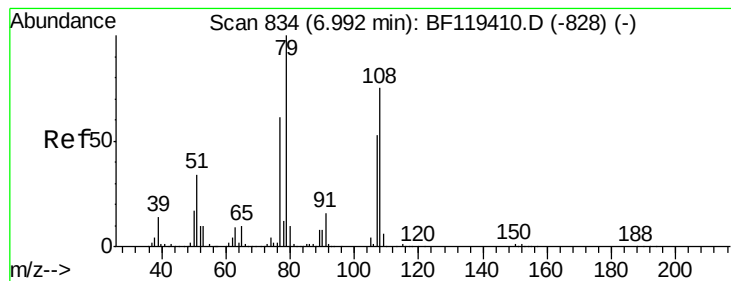
mohammad
 4/1/2020 11:55:21 AM



#14
 1,2-Dichlorobenzene
 Concen: 45.475 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.8	50.6	75.8
111	43.7	36.1	54.1





#15

Benzyl Alcohol

Concen: 44.113 ng

RT: 6.97 min Scan# 831

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

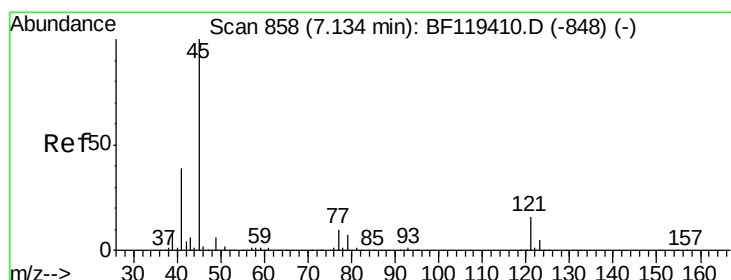
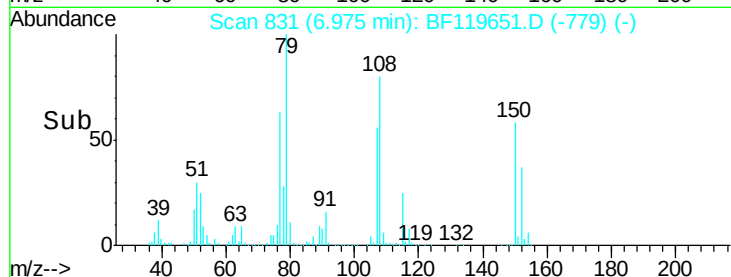
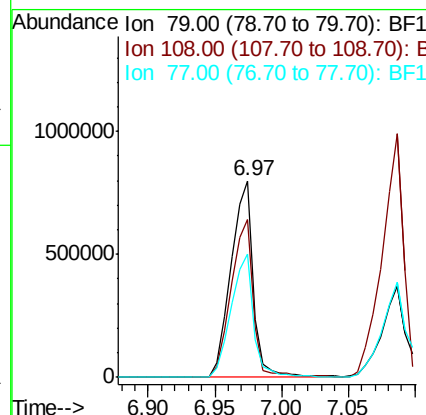
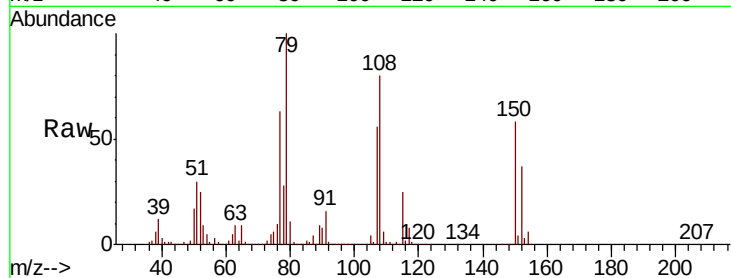
ClientSampleId :

SB-6-(10-12)MS

Tot Ion:	79	Resp:	950391
Ion Ratio	Lower	Upper	
79	100		
108	80.2	60.6	90.8
77	62.6	50.2	75.2

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.065 ng

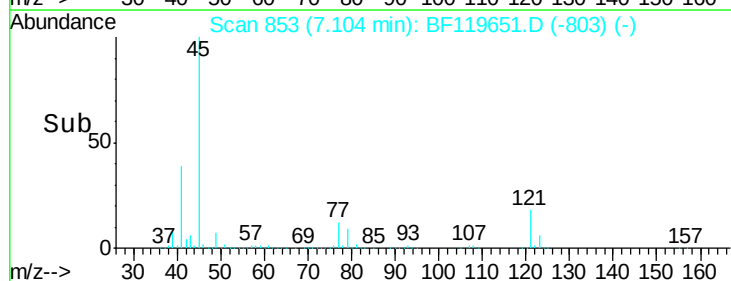
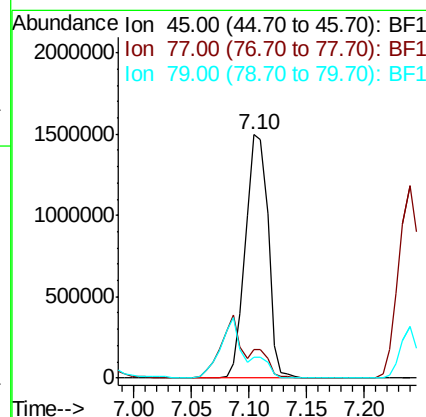
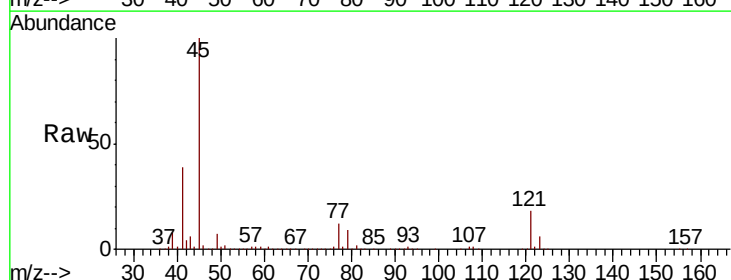
RT: 7.10 min Scan# 853

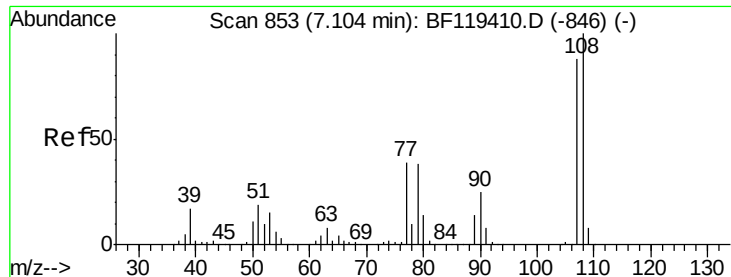
Delta R.T. -0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tgt Ion:	45	Resp:	2024537
Ion Ratio	Lower	Upper	
45	100		
77	11.6	0.0	30.7
79	8.7	0.0	28.2





#17

2-Methylphenol

Concen: 43.826 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

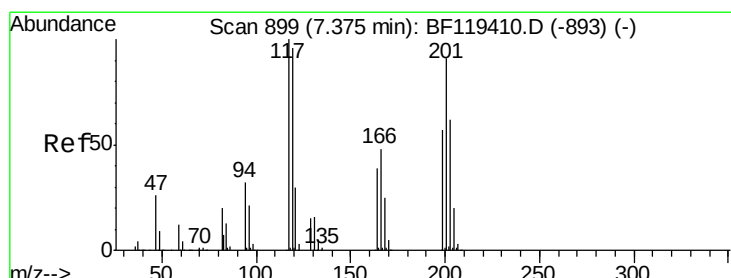
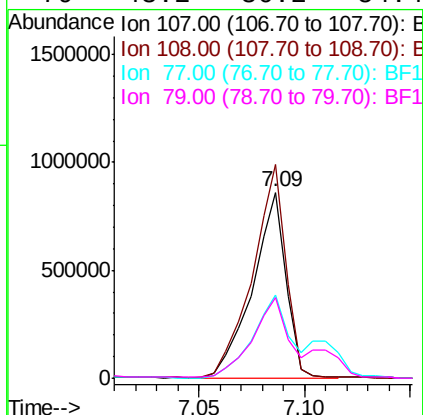
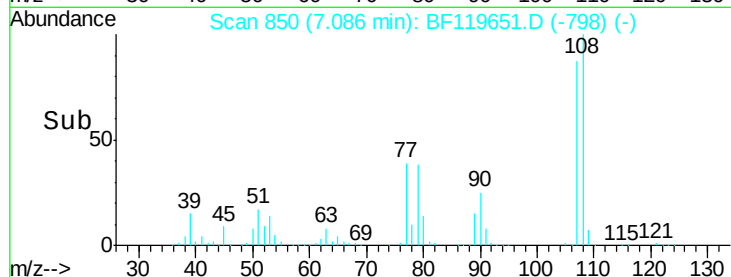
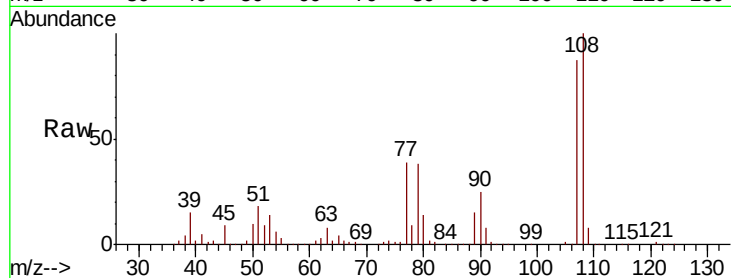
ClientSampleId :

SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
107	100		
108	114.9	92.2	138.4
77	45.0	36.6	54.8
79	43.2	36.2	54.4

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM



#18

Hexachloroethane

Concen: 47.219 ng

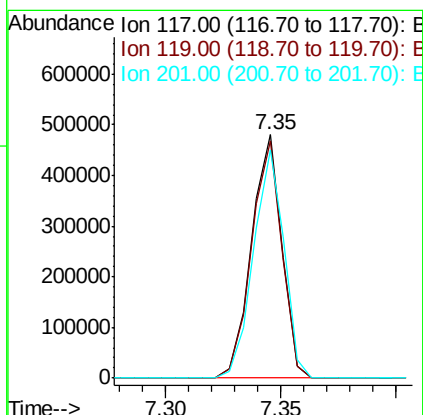
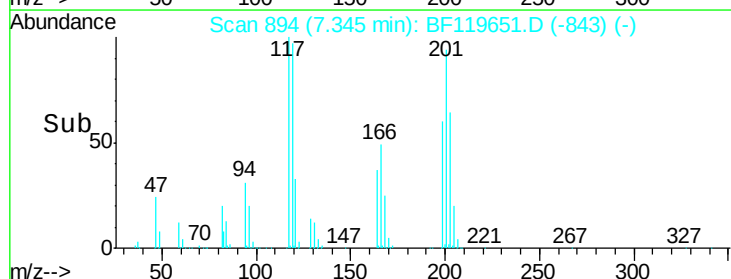
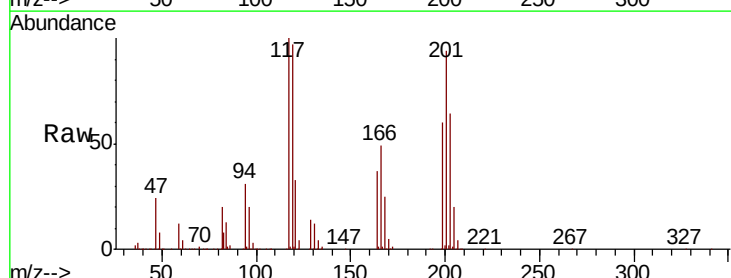
RT: 7.35 min Scan# 894

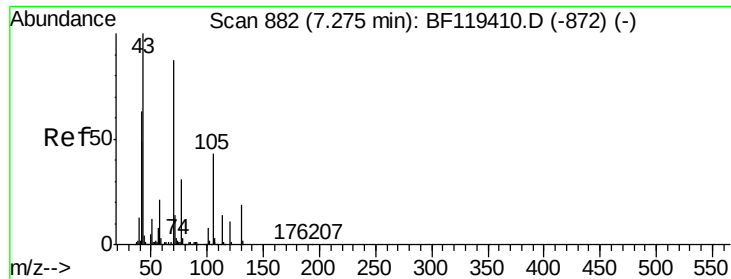
Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.5	76.1	114.1
201	93.7	73.0	109.6





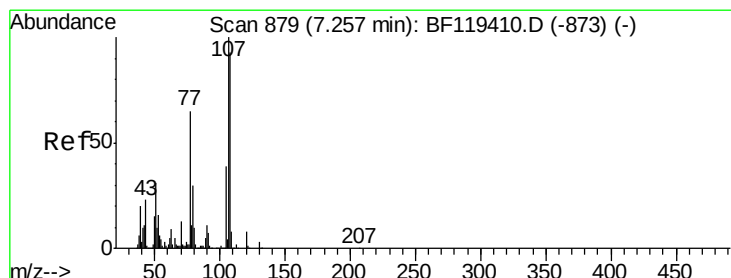
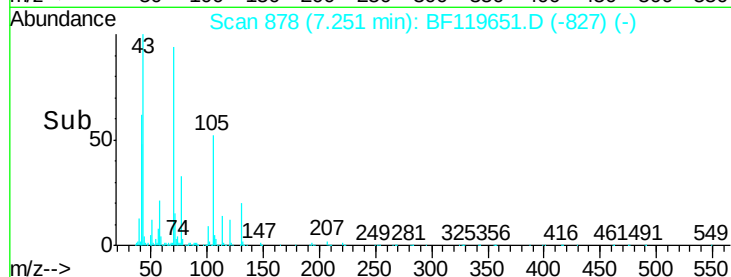
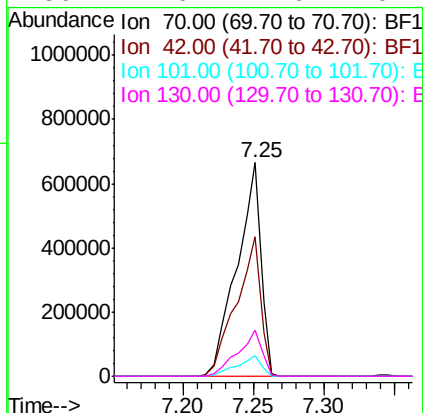
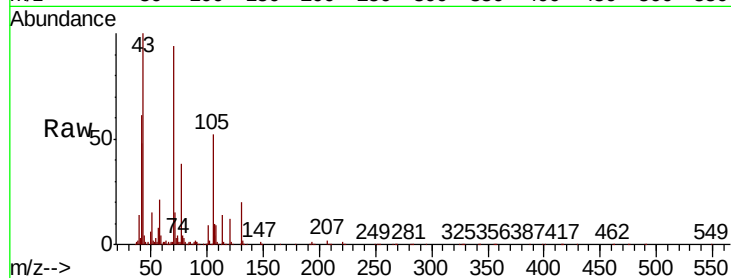
#19
n-Nitroso-di-n-propylamine
Concen: 45.672 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	65.3	54.5	81.7	
101	9.6	7.6	11.4	
130	21.6	17.6	26.4	

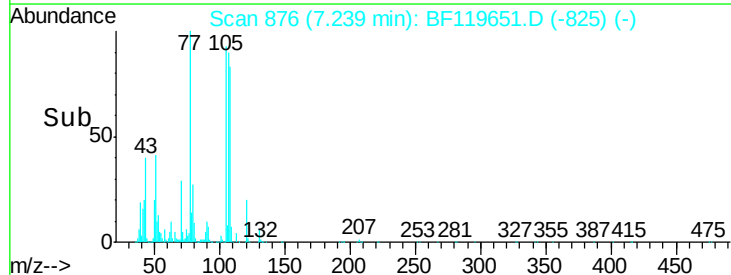
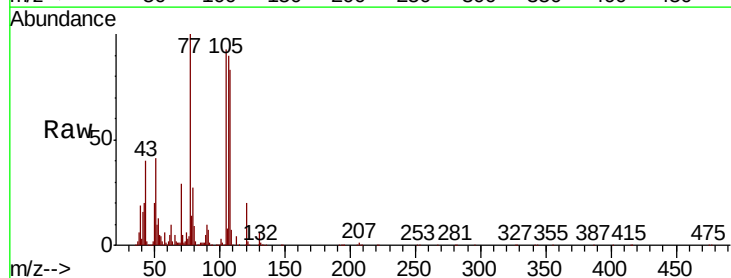
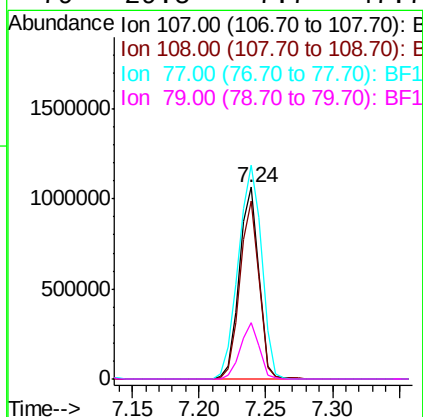
Manual Integrations
APPROVED

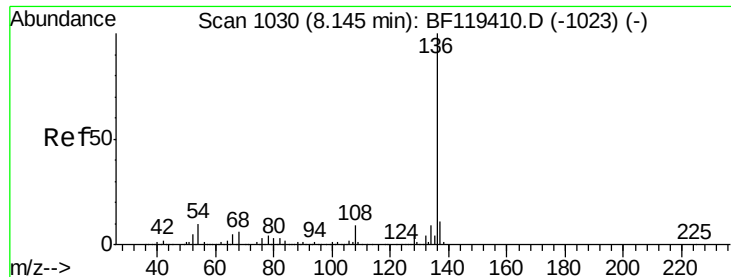
mohammad
4/1/2020 11:55:21 AM



#20
3+4-Methylphenols
Concen: 41.175 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.9	67.9	107.9	
77	111.3	52.9	92.9	
79	29.5	7.7	47.7	





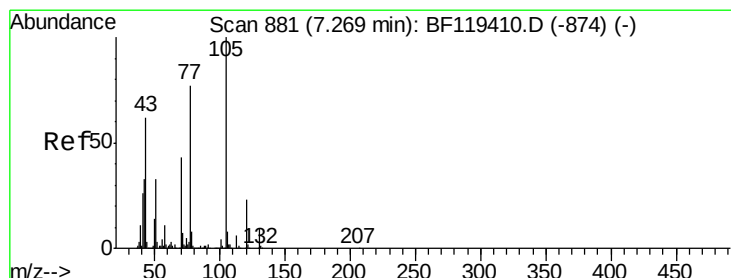
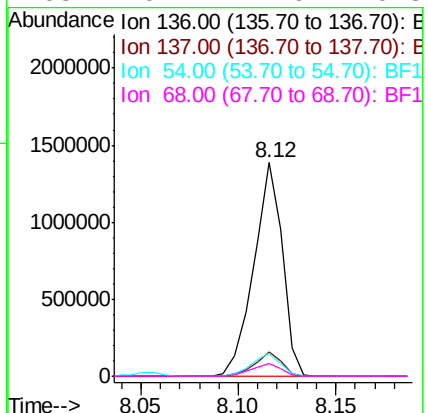
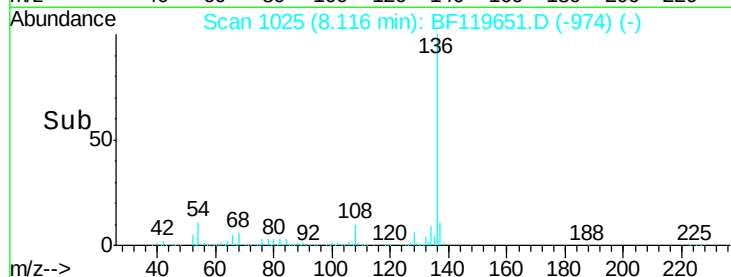
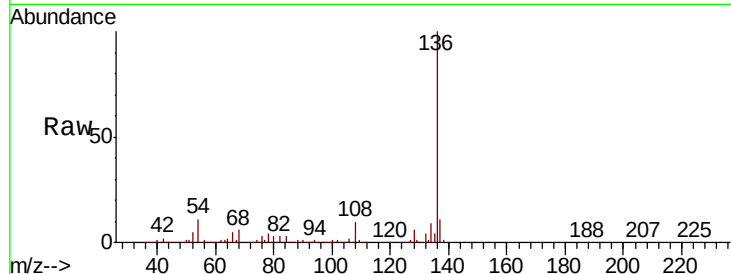
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.7	13.1
54	11.0	9.1	13.7
68	6.2	4.6	6.8

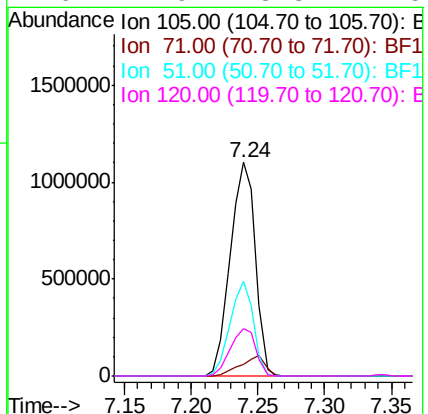
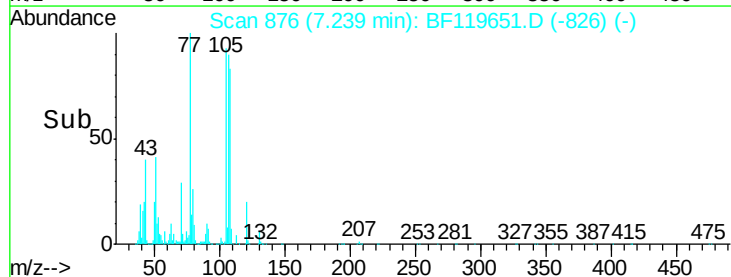
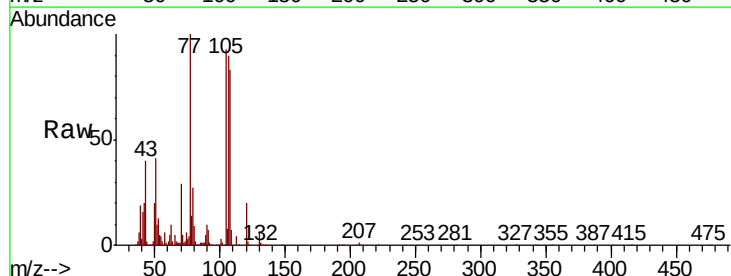
Manual Integrations
APPROVED

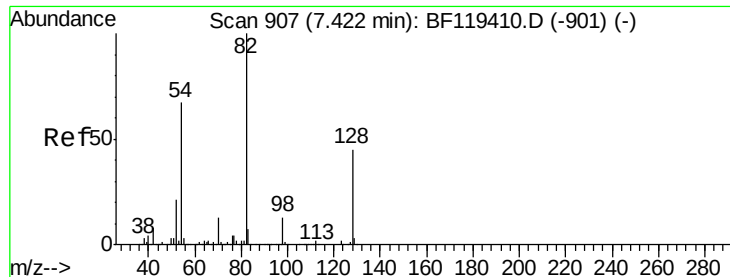
mohammad
4/1/2020 11:55:21 AM



#22
Acetophenone
Concen: 43.161 ng
RT: 7.24 min Scan# 876
Delta R.T. -0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
105	100		
71	5.4	5.7	8.5#
51	44.5	26.2	39.4#
120	21.9	18.3	27.5





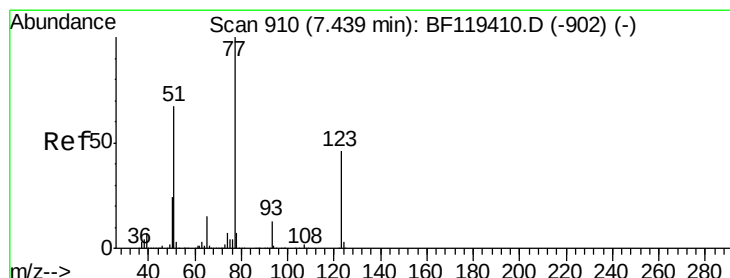
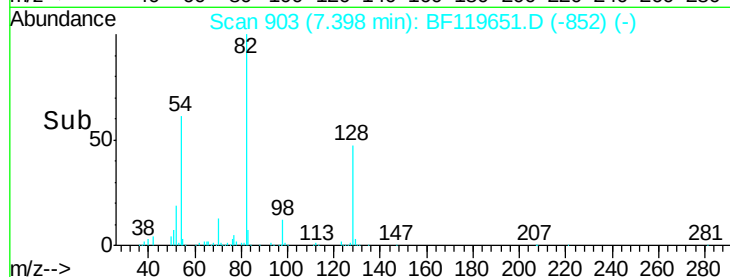
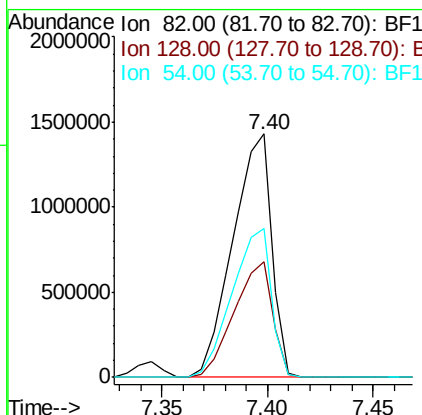
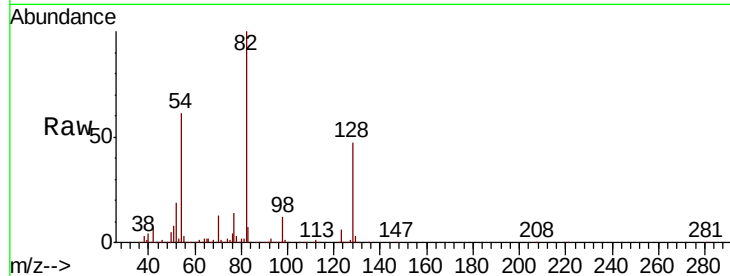
#23
 Nitrobenzene-d5
 Concen: 70.787 ng
 RT: 7.40 min Scan# 903
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.5	36.3	54.5
54	61.1	50.6	75.8

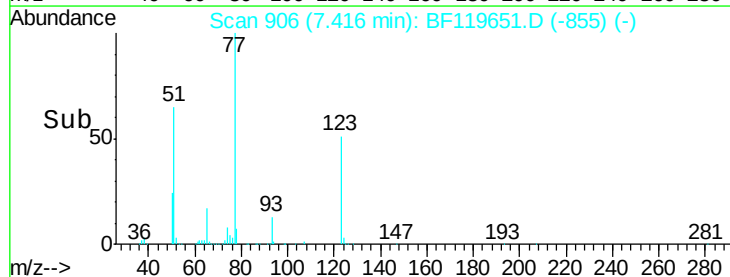
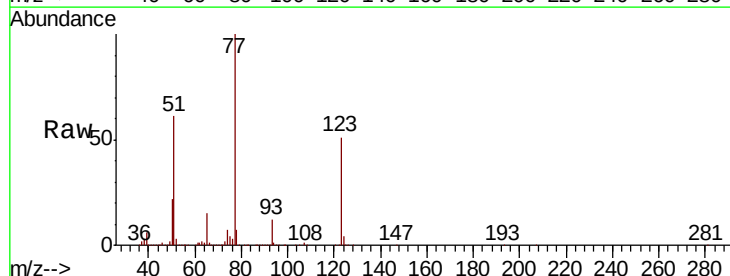
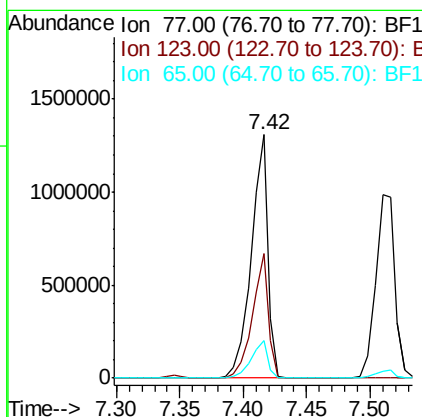
Manual Integrations
 APPROVED

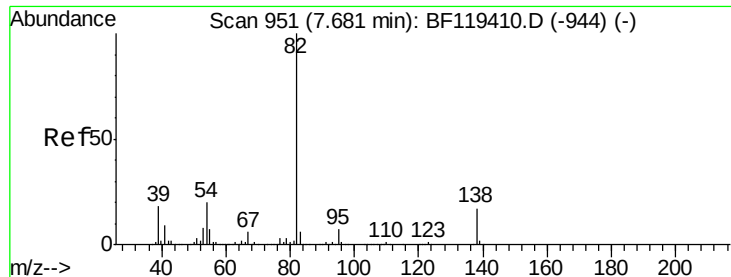
mohammad
 4/1/2020 11:55:21 AM



#24
 Nitrobenzene
 Concen: 43.385 ng
 RT: 7.42 min Scan# 906
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
77	100		
123	51.0	38.0	57.0
65	15.4	12.6	18.8





#25

Isophorone

Concen: 43.881 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

Tot Ion: 82 Resp: 2295908

Ion Ratio Lower Upper

82 100

95 6.8 5.8 8.6

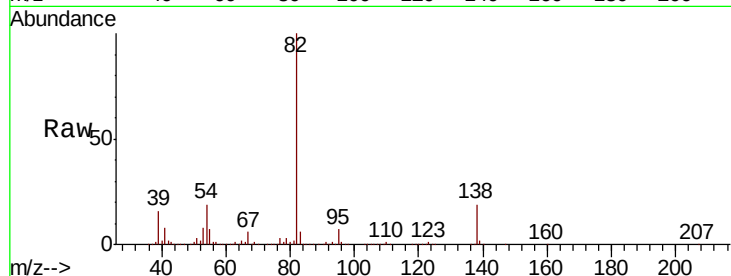
138 18.7 14.6 21.8

Manual Integrations

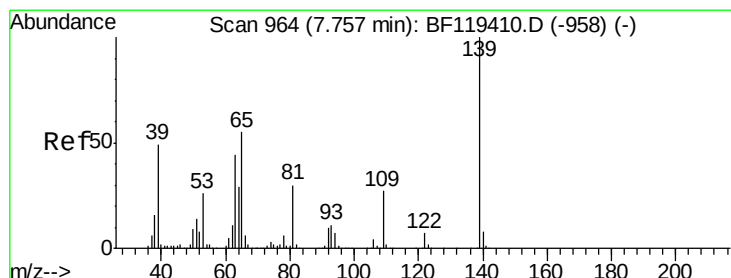
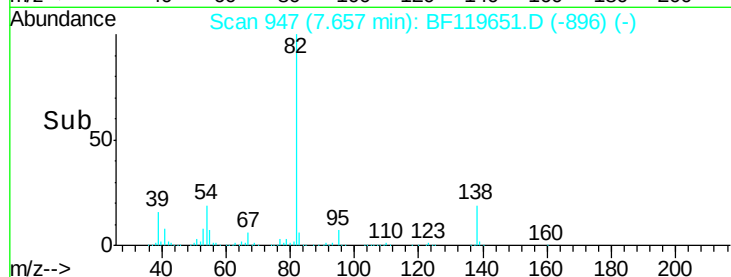
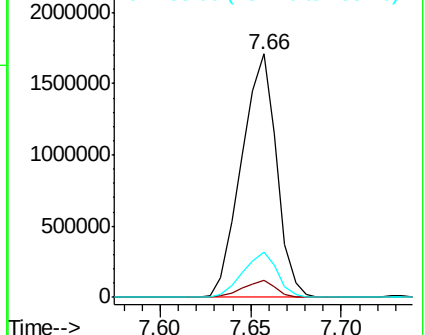
APPROVED

mohammad

4/1/2020 11:55:21 AM



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: 58.278 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

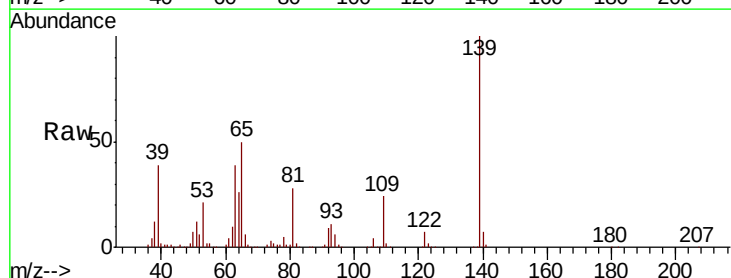
Tgt Ion: 139 Resp: 632502

Ion Ratio Lower Upper

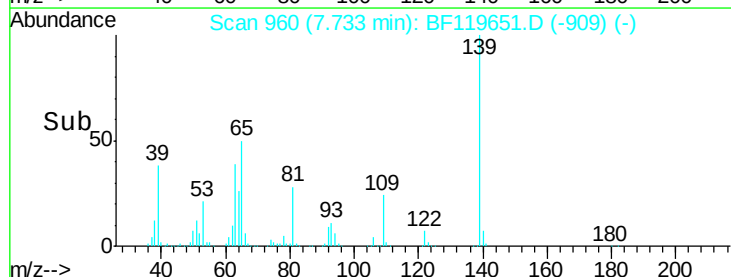
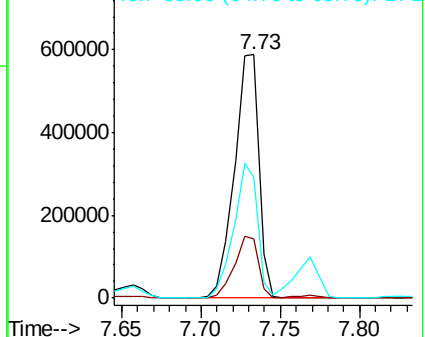
139 100

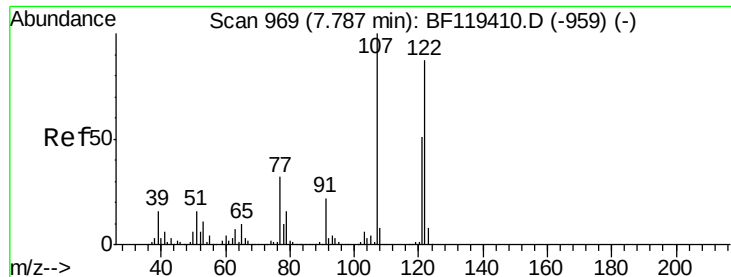
109 24.1 22.1 33.1

65 49.8 49.2 73.8



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





#27

2,4-Dimethylphenol

Concen: 44.870 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

Tot Ion:122 Resp: 1006963

Ion Ratio Lower Upper

122 100

107 112.3 89.0 133.6

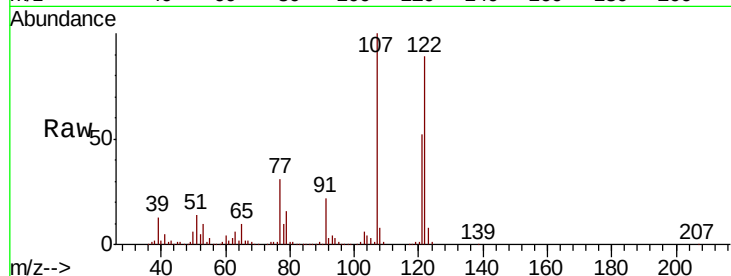
121 58.8 46.7 70.1

Manual Integrations

APPROVED

mohammad

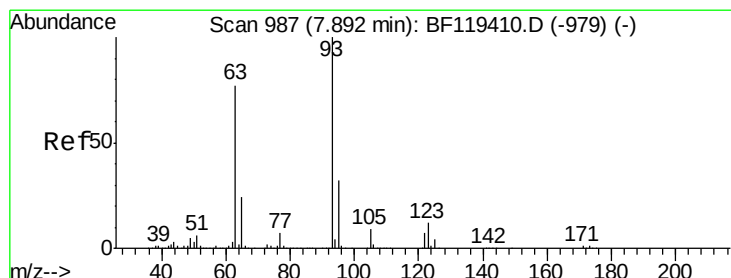
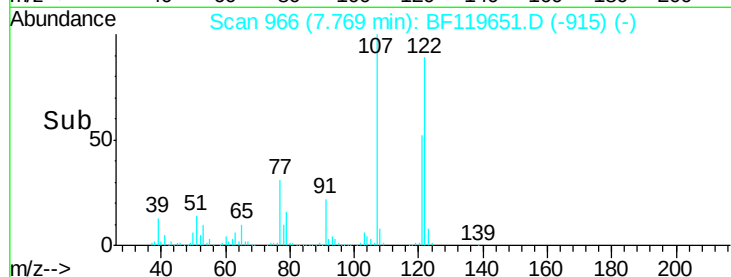
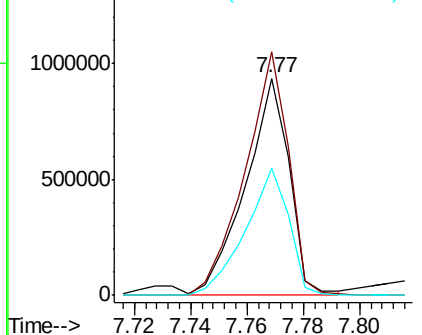
4/1/2020 11:55:21 AM



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 47.534 ng

RT: 7.87 min Scan# 983

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

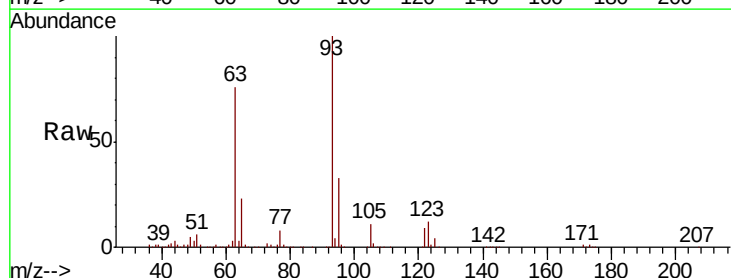
Tgt Ion: 93 Resp: 1470663

Ion Ratio Lower Upper

93 100

95 33.5 26.3 39.5

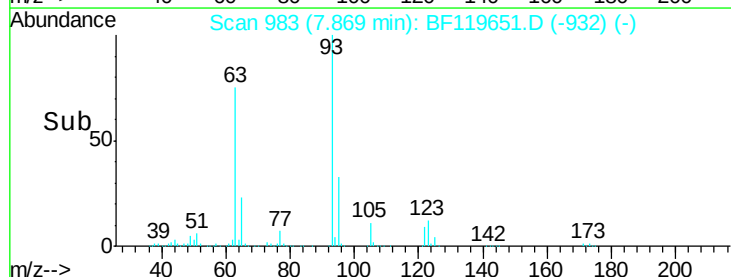
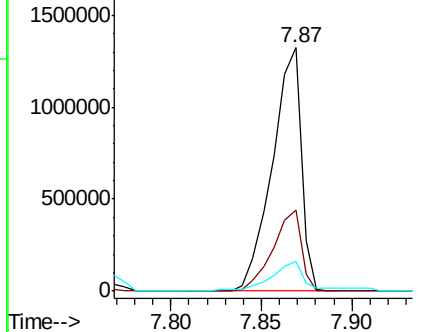
123 12.3 9.7 14.5

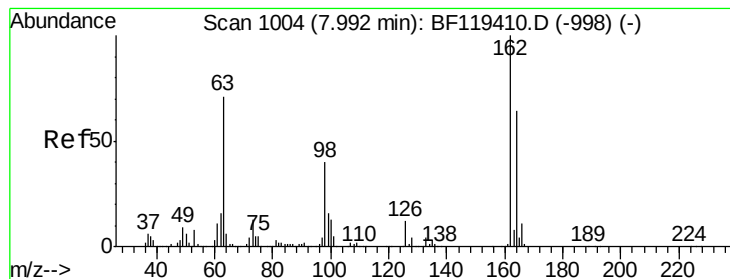


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 47.317 ng

RT: 7.97 min Scan# 1001

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

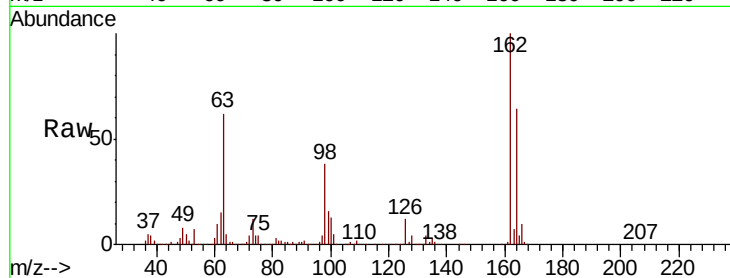
ClientSampleId :

SB-6-(10-12)MS

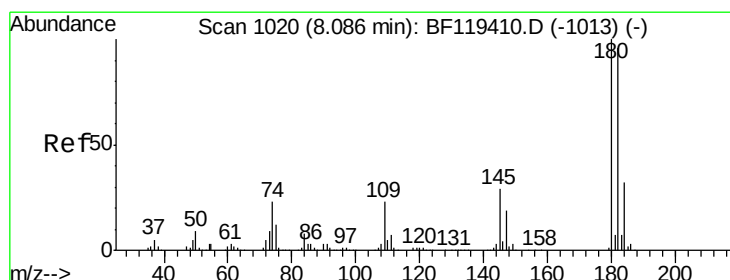
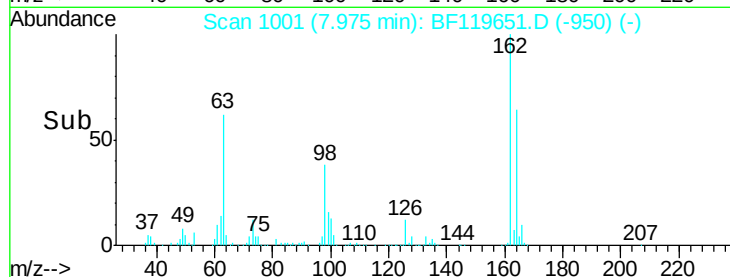
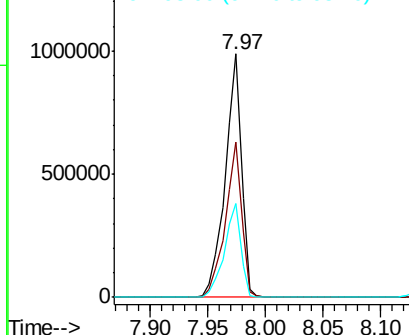
Tot Ion:	162	Resp:	975690
Ion Ratio	Lower	Upper	
162	100		
164	63.6	44.7	84.7
98	38.5	20.7	60.7

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 45.124 ng

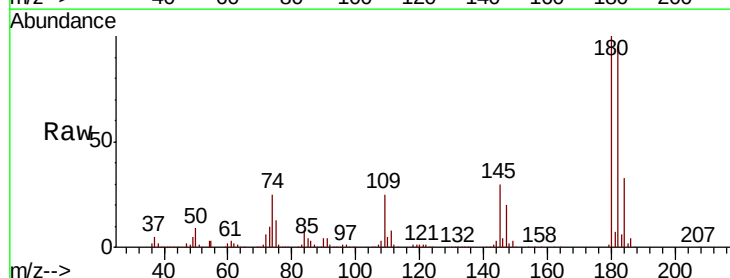
RT: 8.06 min Scan# 1015

Delta R.T. -0.00 min

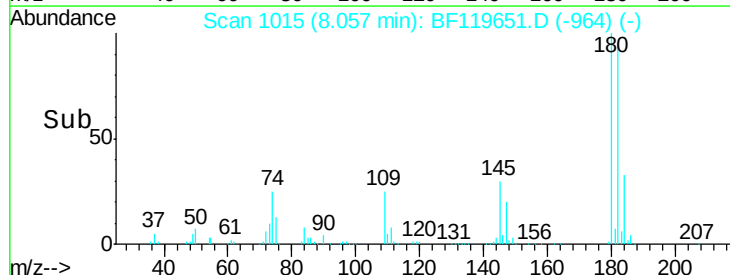
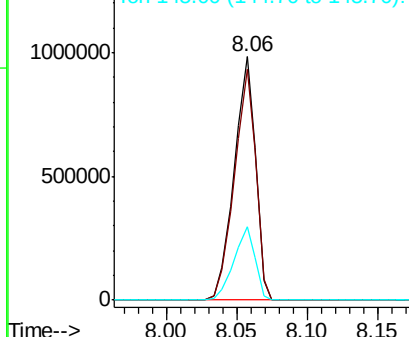
Lab File: BF119651.D

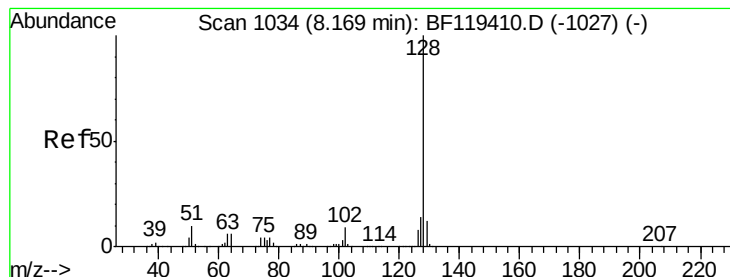
Acq: 31 Mar 2020 15:00

Tgt Ion:	180	Resp:	1029006
Ion Ratio	Lower	Upper	
180	100		
182	95.0	74.7	112.1
145	30.3	24.5	36.7



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 43.870 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

Tot Ion:128 Resp: 3164666

Ion Ratio Lower Upper

128 100

129 12.2 9.5 14.3

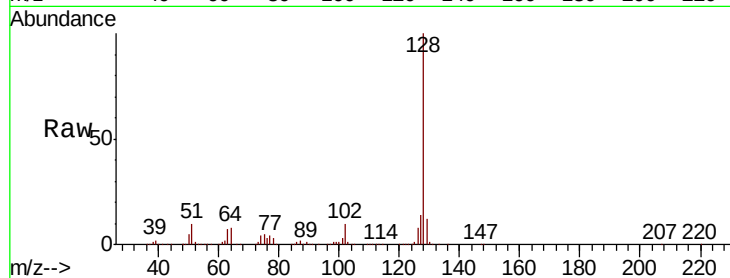
127 14.5 11.3 16.9

Manual Integrations

APPROVED

mohammad

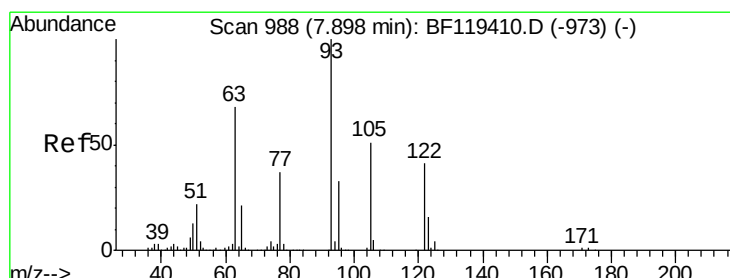
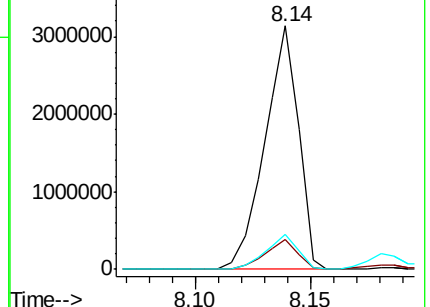
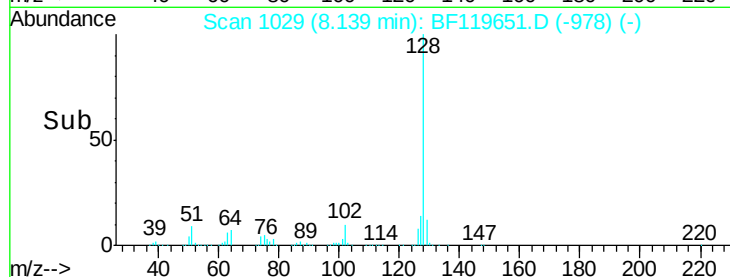
4/1/2020 11:55:21 AM



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: 58.653 ng

RT: 7.91 min Scan# 990

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

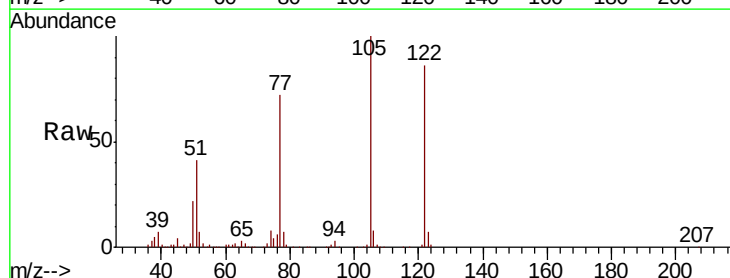
Tgt Ion:122 Resp: 846710

Ion Ratio Lower Upper

122 100

105 116.7 104.9 144.9

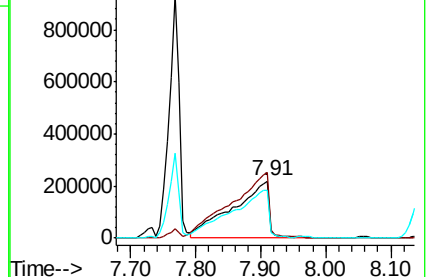
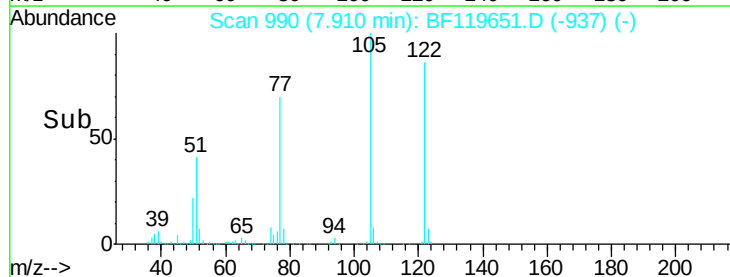
77 84.1 74.4 114.4

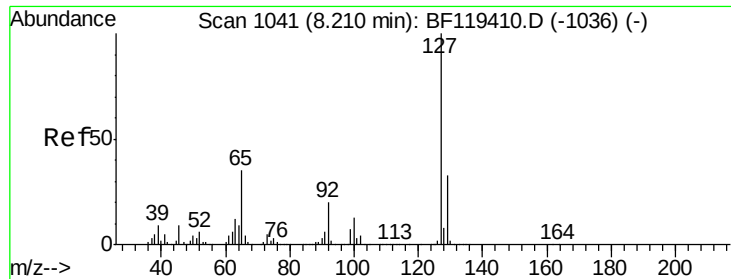


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





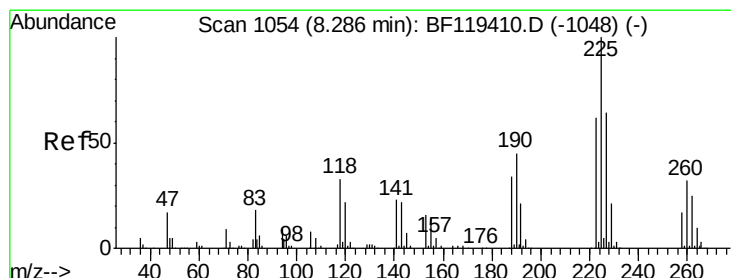
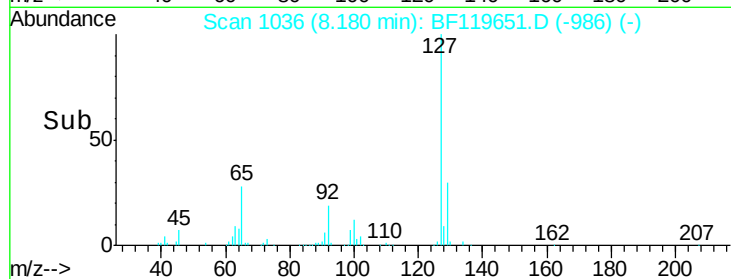
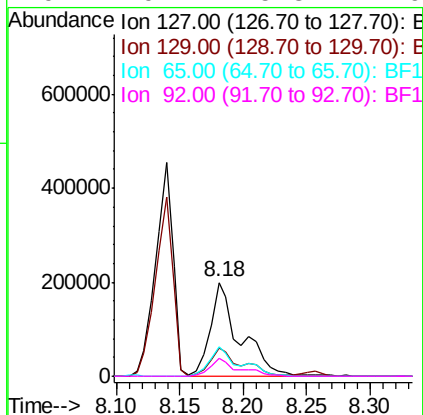
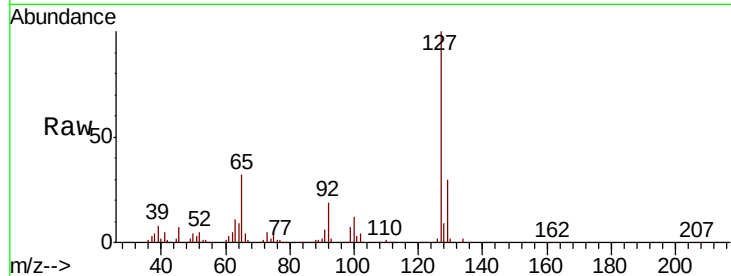
#33
4-Chloroaniline
Concen: 9.713 ng
RT: 8.18 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	29.7	26.2	39.4		
65	31.6	27.4	41.0		
92	19.1	15.3	22.9		

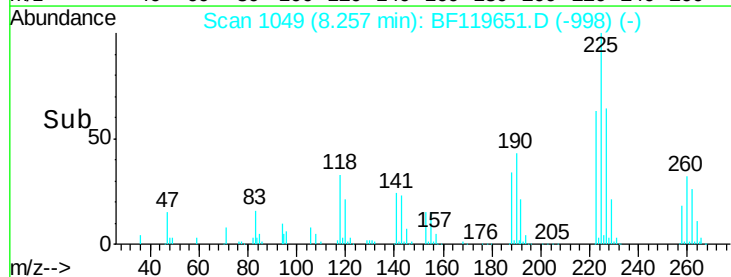
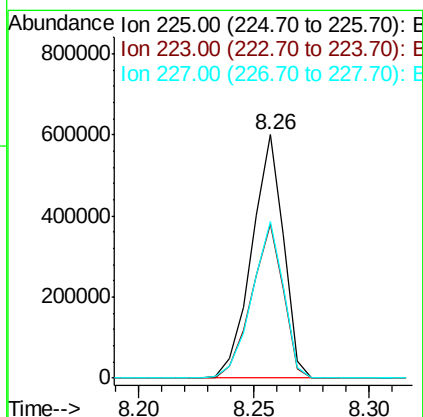
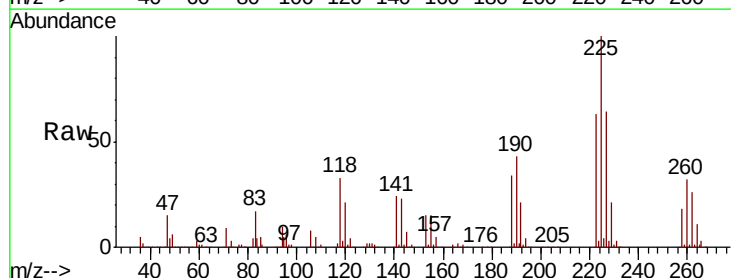
Manual Integrations
APPROVED

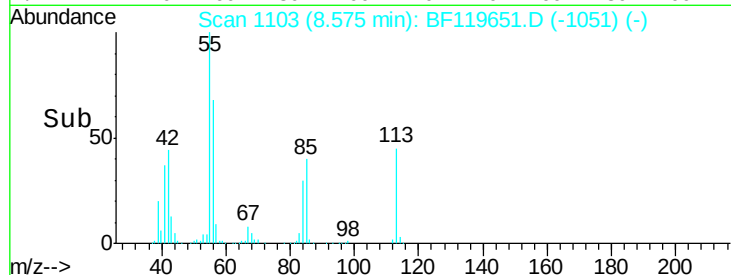
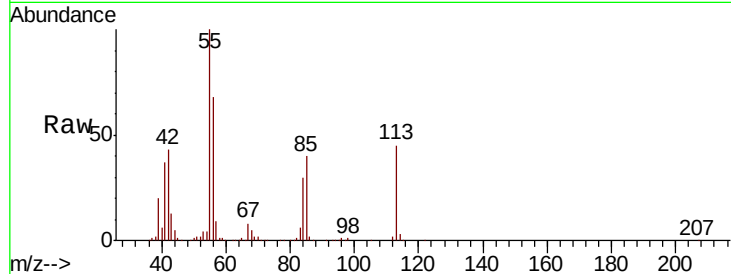
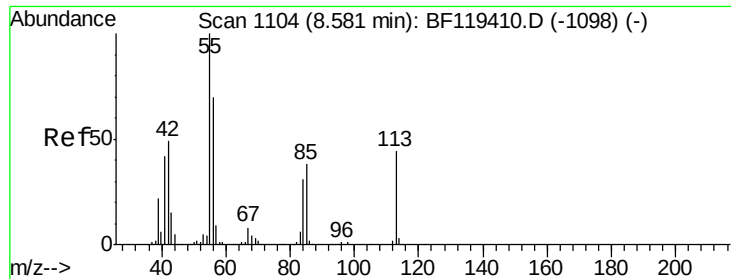
mohammad
4/1/2020 11:55:21 AM



#34
Hexachlorobutadiene
Concen: 45.103 ng
RT: 8.26 min Scan# 1049
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	63.5	51.0	76.6		
227	64.4	50.7	76.1		





#35

Caprolactam

Concen: 42.816 ng/mL

RT: 8.57 min Scan# 1103

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tot Ion:	113	Resp:	288943
Ion Ratio	Lower	Upper	
113	100		
55	221.7	218.4	258.4
56	151.5	148.9	188.9

Instrument :

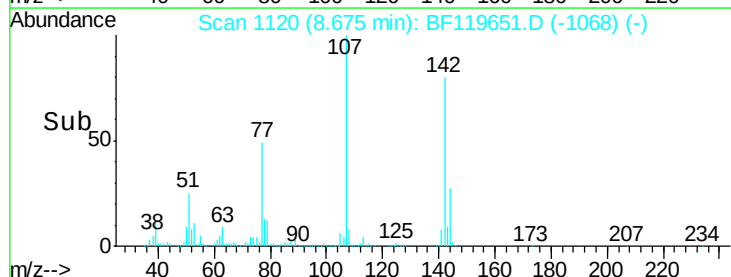
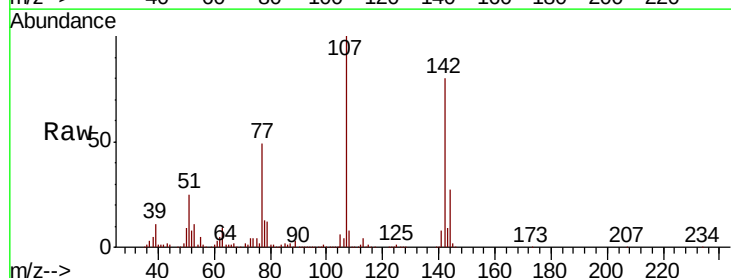
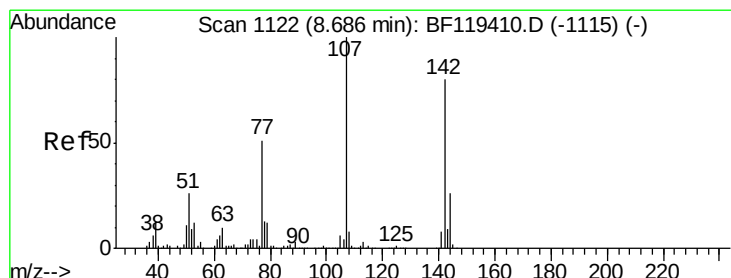
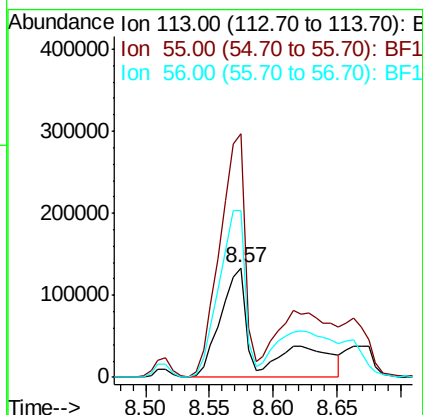
BNA_F

ClientSampleId :

SB-6-(10-12)MS

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM



#36

4-Chloro-3-methylphenol

Concen: 46.368 ng/mL

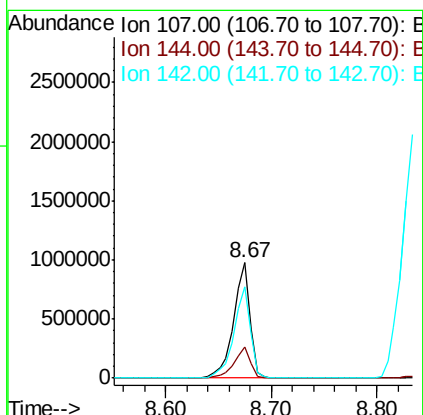
RT: 8.67 min Scan# 1120

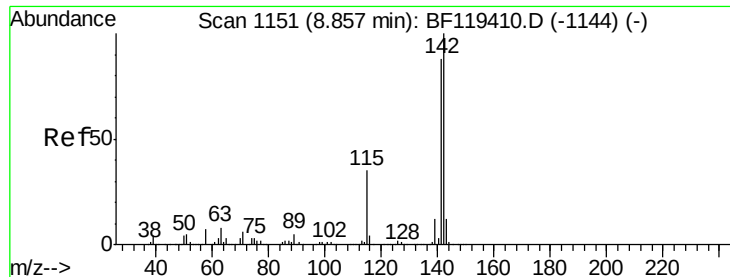
Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tgt Ion:	107	Resp:	1045015
Ion Ratio	Lower	Upper	
107	100		
144	26.6	21.0	31.6
142	79.7	64.4	96.6





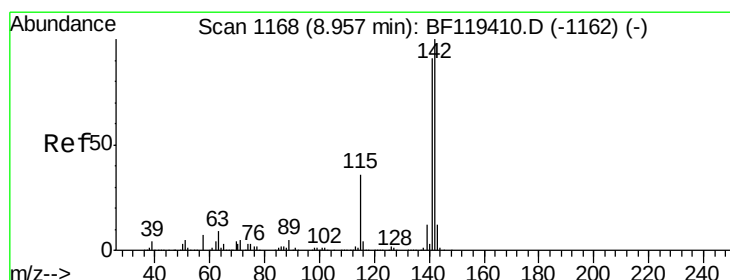
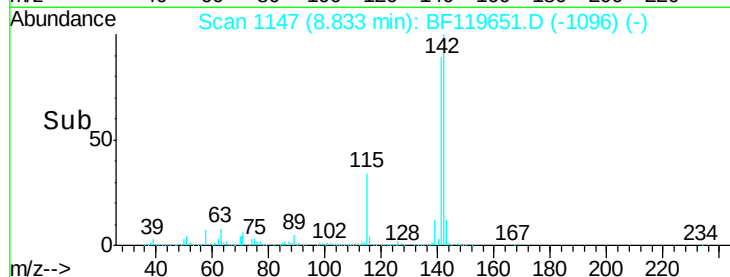
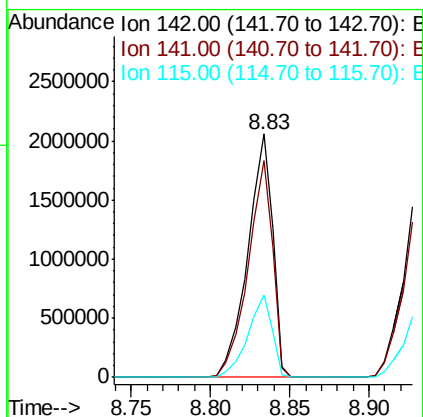
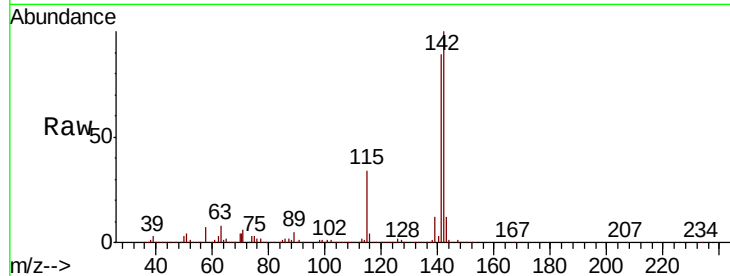
#37
2-Methylnaphthalene
Concen: 47.168 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion:142 Resp: 2233060
Ion Ratio Lower Upper
142 100
141 89.2 71.7 107.5
115 33.8 27.9 41.9

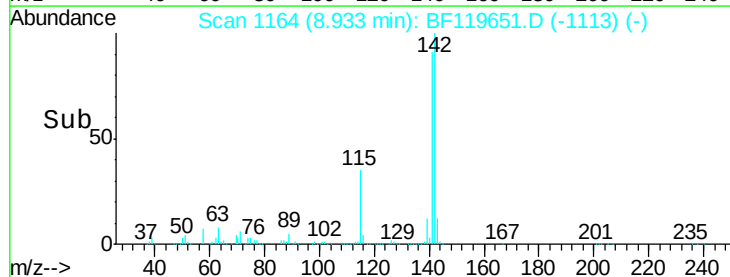
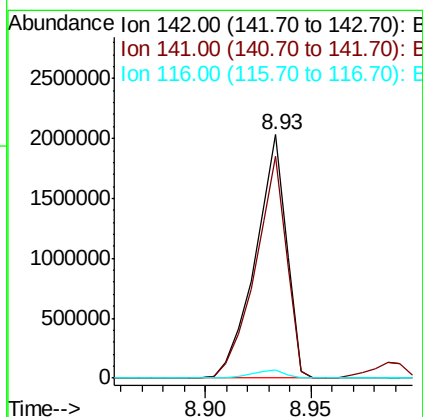
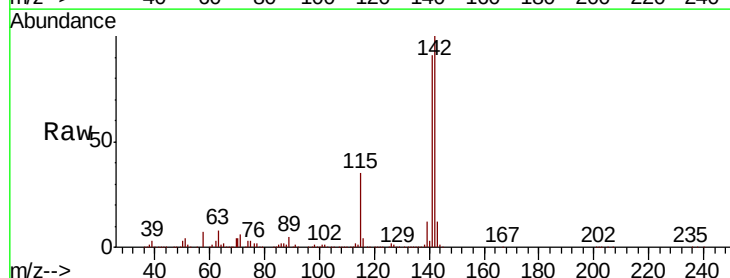
Manual Integrations
APPROVED

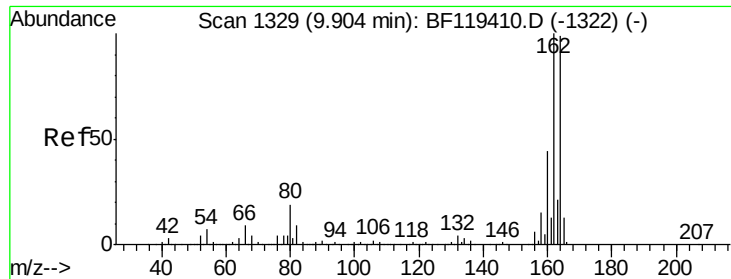
mohammad
4/1/2020 11:55:21 AM



#38
1-Methylnaphthalene
Concen: 46.638 ng
RT: 8.93 min Scan# 1164
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion:142 Resp: 2089903
Ion Ratio Lower Upper
142 100
141 91.4 73.7 110.5
116 3.6 3.0 4.6





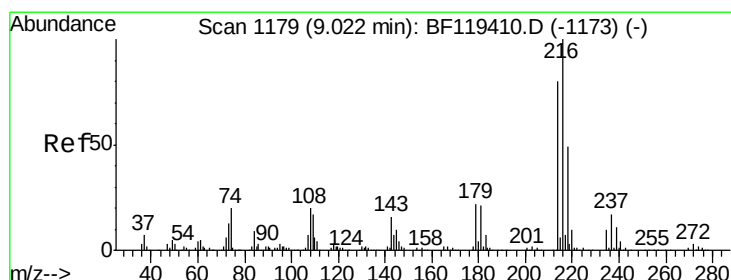
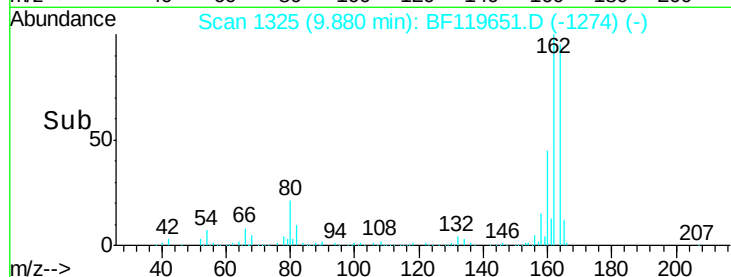
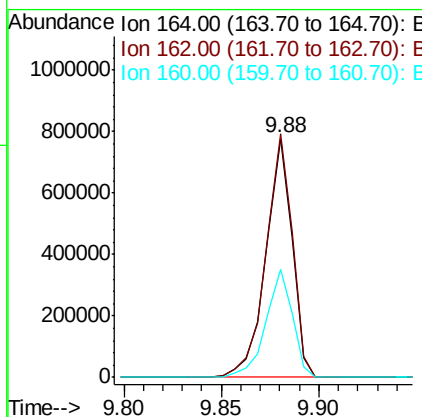
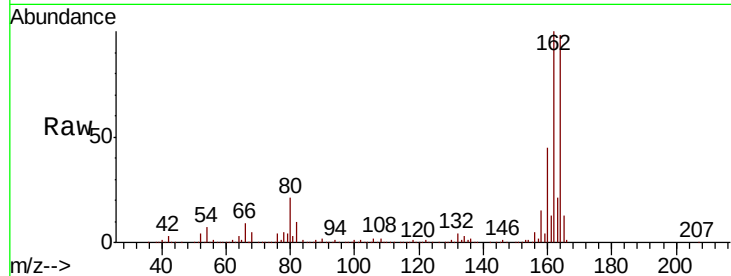
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.88 min Scan# 1325
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleID :
SB-6-(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	101.8	80.6	121.0	
160	45.3	35.7	53.5	

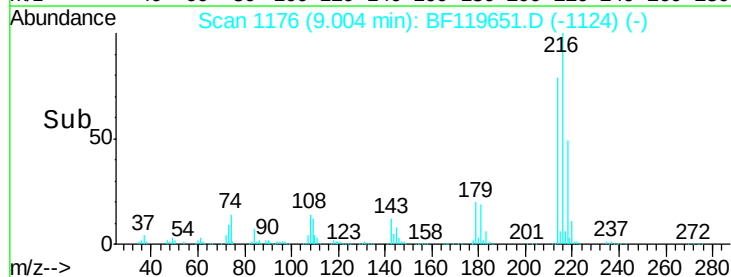
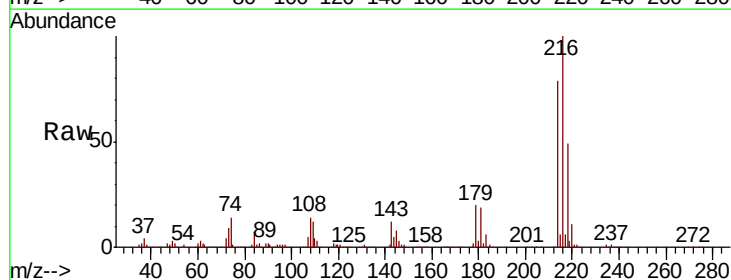
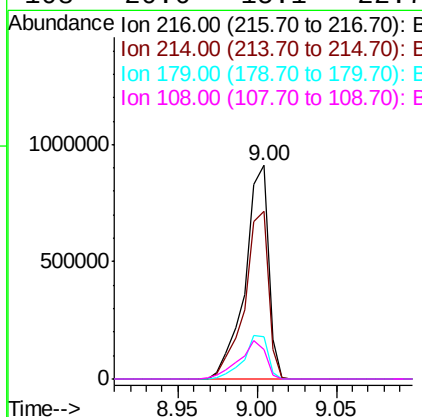
Manual Integrations
APPROVED

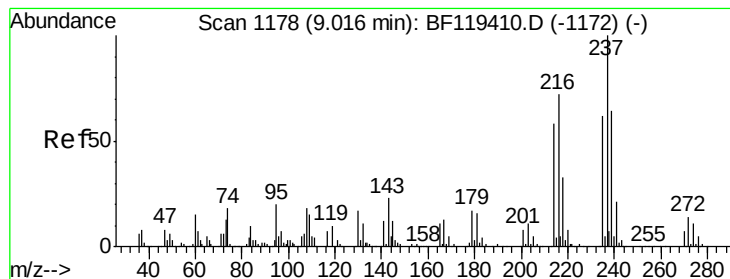
mohammad
4/1/2020 11:55:21 AM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.564 ng
RT: 9.00 min Scan# 1176
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.6	63.2	94.8	
179	21.0	17.1	25.7	
108	20.6	15.1	22.7	





#41

Hexachlorocyclopentadiene

Concen: 95.451 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

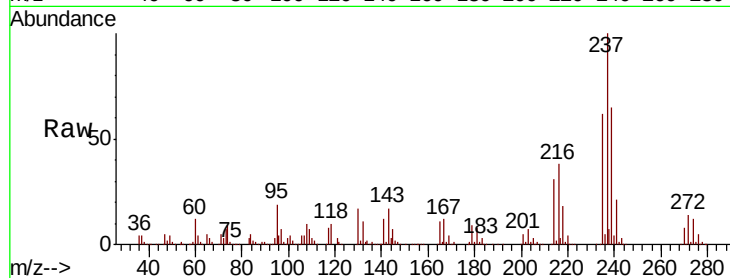
ClientSampleId :

SB-6-(10-12)MS

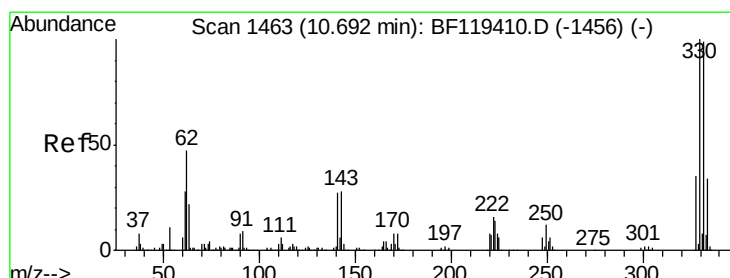
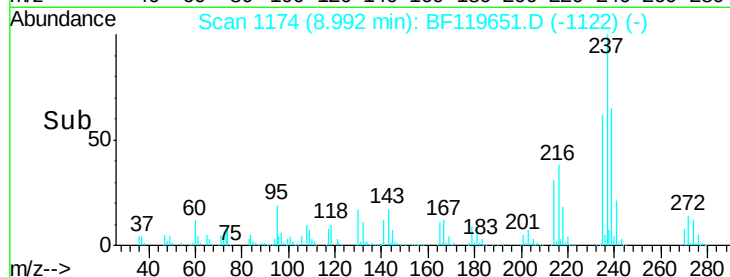
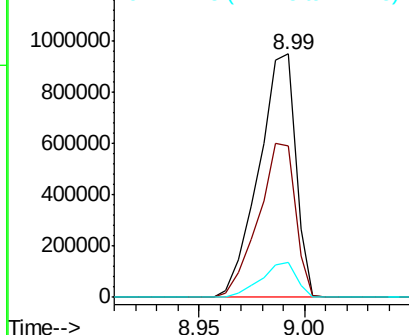
Tot Ion:	237	Resp:	1159101
Ion Ratio	Lower	Upper	
237	100		
235	62.4	43.2	83.2
272	14.4	0.0	34.1

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM



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: 114.776 ng

RT: 10.67 min Scan# 1460

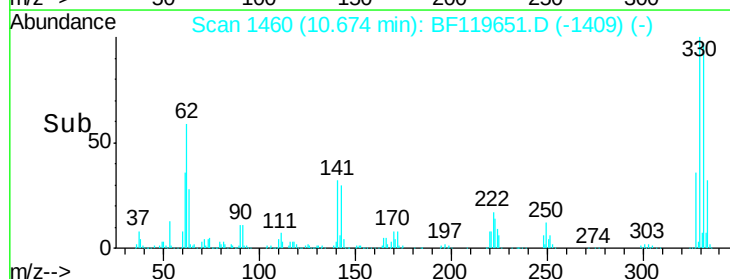
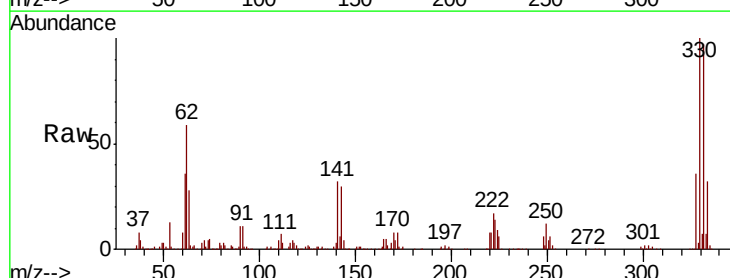
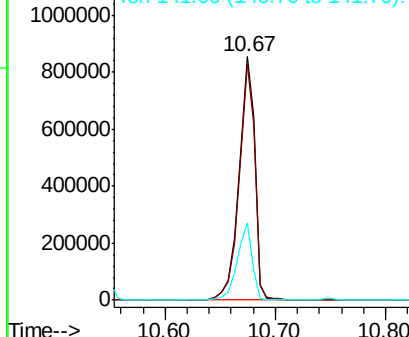
Delta R.T. -0.00 min

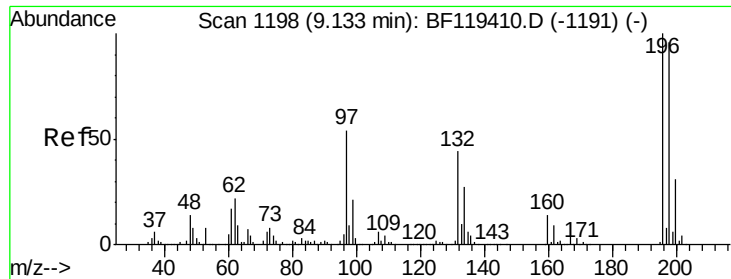
Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tgt Ion:	330	Resp:	862908
Ion Ratio	Lower	Upper	
330	100		
332	96.2	75.7	113.5
141	30.1	25.4	38.0

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





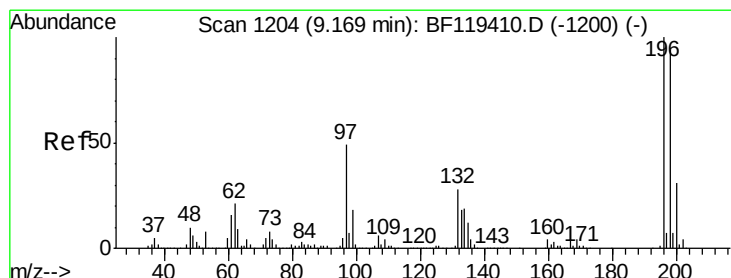
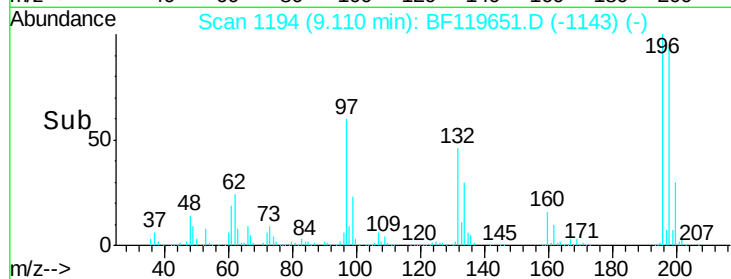
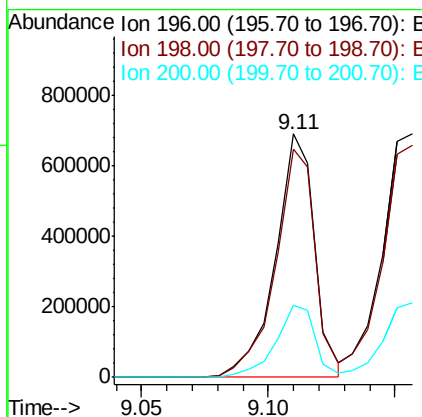
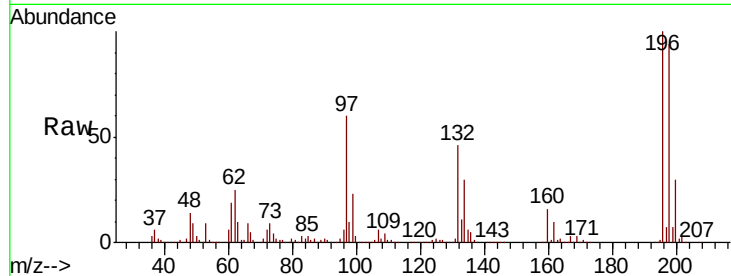
#43
 2,4,6-Trichlorophenol
 Concen: 48.710 ng
 RT: 9.11 min Scan# 1194
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	744558		
198	93.7	76.6	115.0	
200	29.6	24.6	36.8	

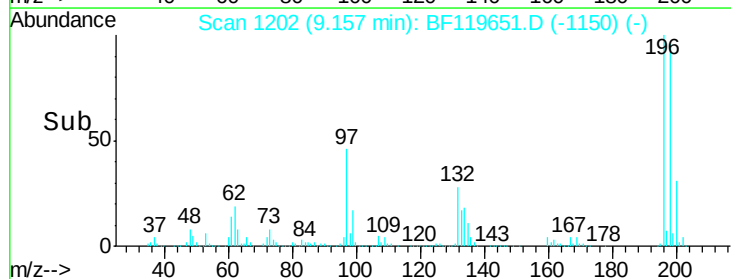
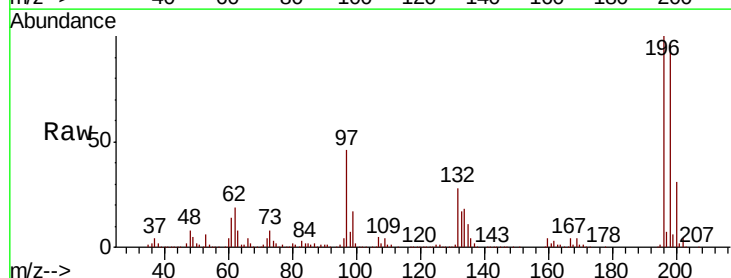
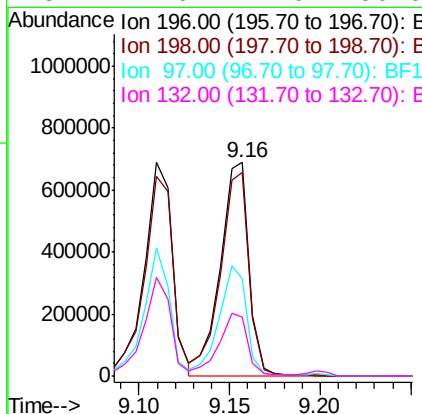
Manual Integrations
 APPROVED

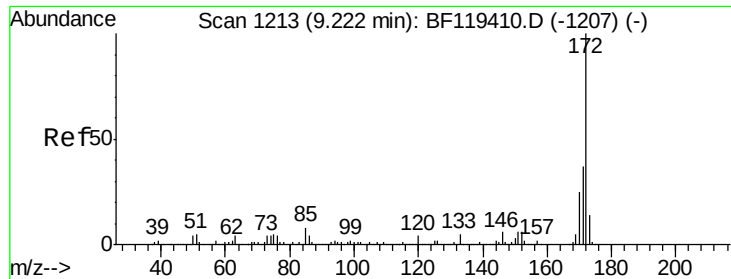
mohammad
 4/1/2020 11:55:21 AM



#44
 2,4,5-Trichlorophenol
 Concen: 44.217 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. 0.01 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	757142		
198	95.7	73.8	110.8	
97	45.7	42.6	63.8	
132	27.6	24.0	36.0	





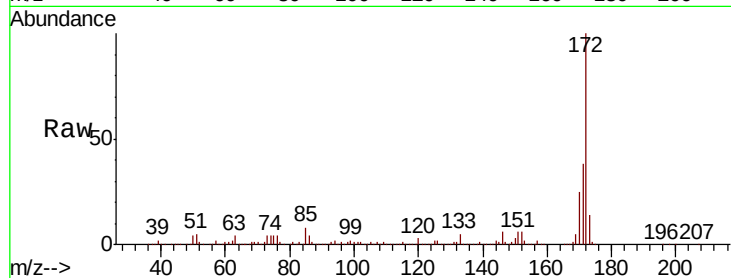
#45
2-Fluorobiphenyl
Concen: 69.157 ng
RT: 9.20 min Scan# 1209
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.0	29.6	44.4
170	25.0	20.2	30.2

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM

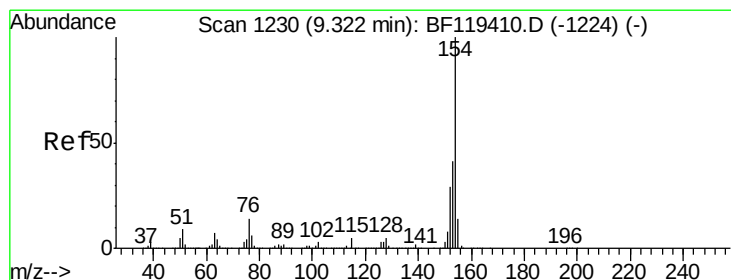
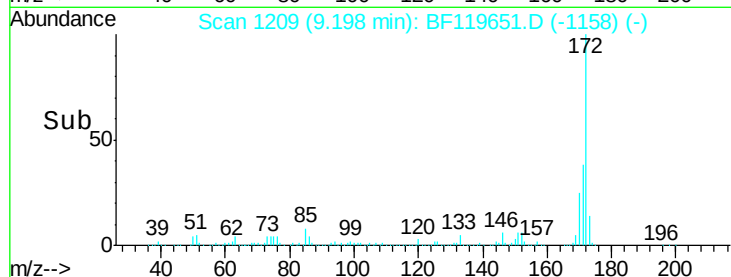
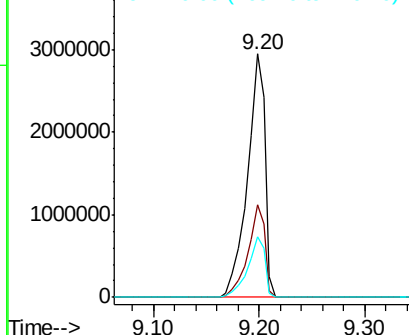


Abundance

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: 43.658 ng
RT: 9.30 min Scan# 1227
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

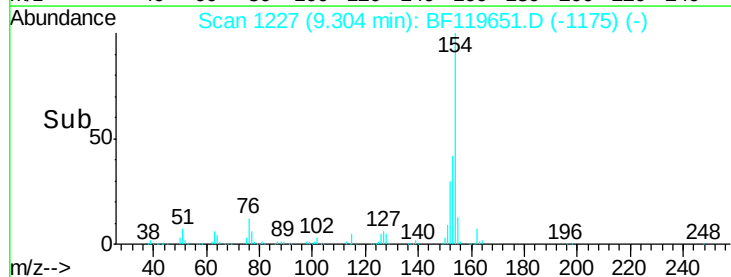
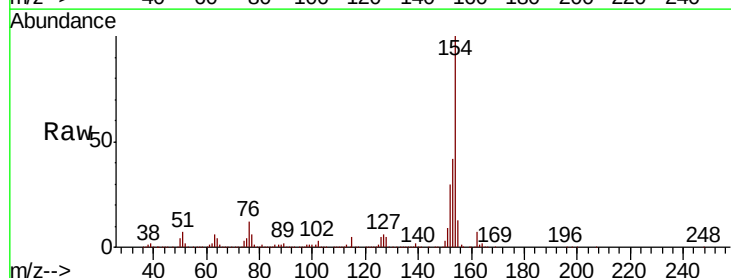
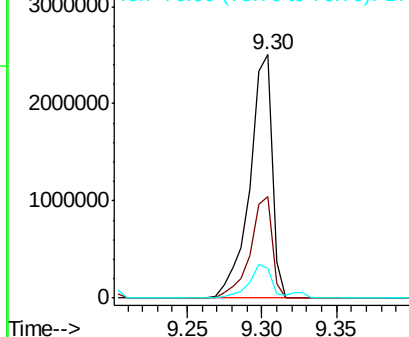
Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	21.4	61.4
76	12.4	0.0	33.0

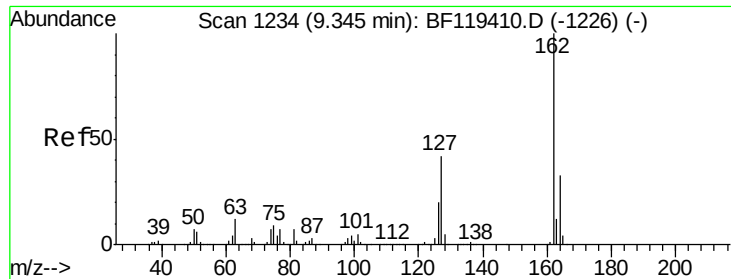
Abundance

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





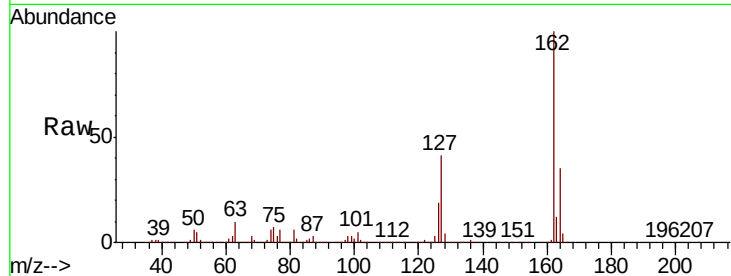
#47
2-Chloronaphthalene
Concen: 43.769 ng
RT: 9.33 min Scan# 1231
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	41.2	33.7	50.5
164	34.7	26.3	39.5

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM

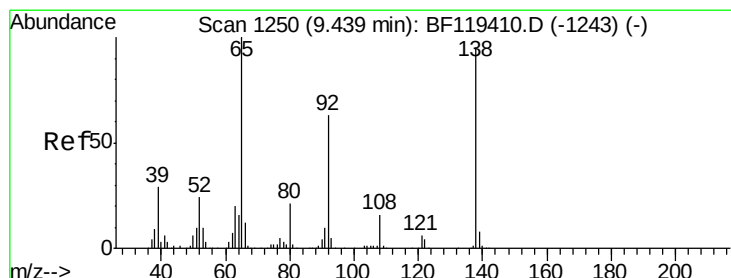
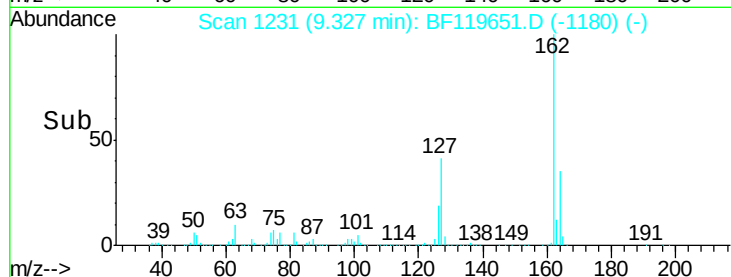
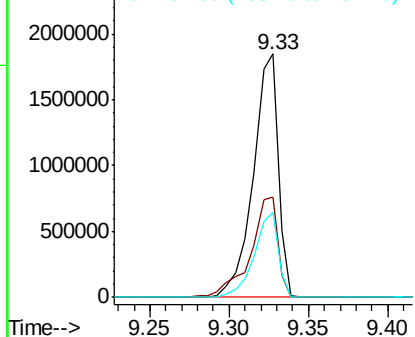


Abundance

Ion 162.00 (161.70 to 162.70): E

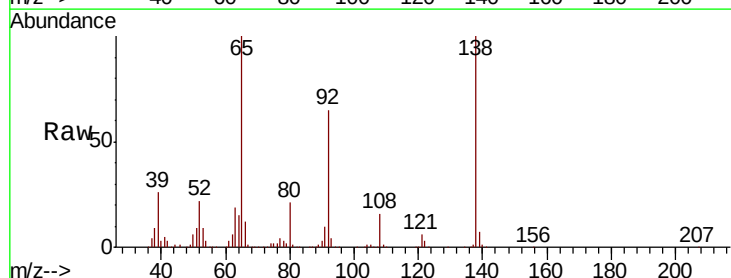
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 45.762 ng
RT: 9.42 min Scan# 1247
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	50.0	75.0
138	99.5	75.0	112.4

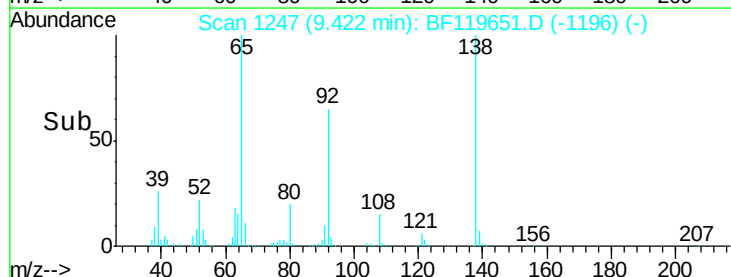
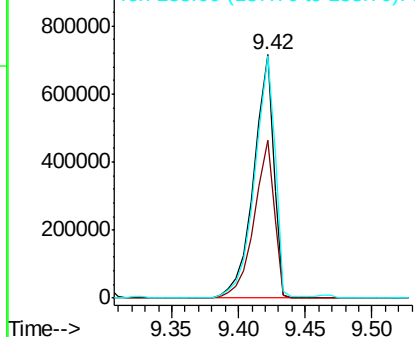


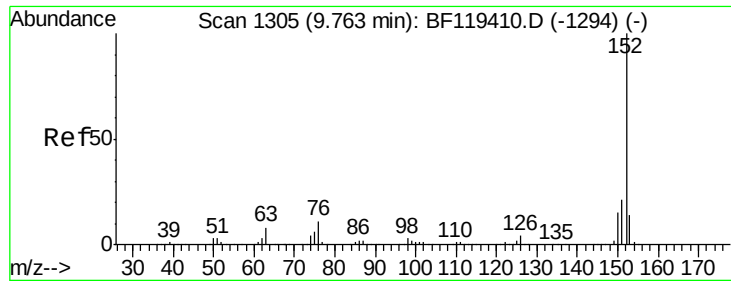
Abundance

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: 43.676 ng

RT: 9.75 min Scan# 1302

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

Tot Ion:152 Resp: 3188679

Ion Ratio Lower Upper

152 100

151 21.6 17.2 25.8

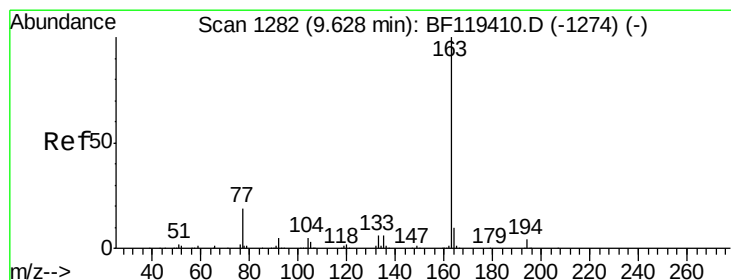
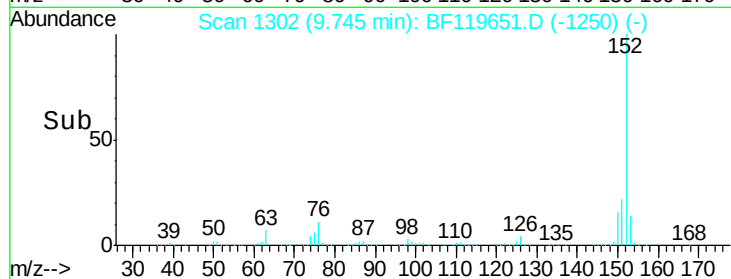
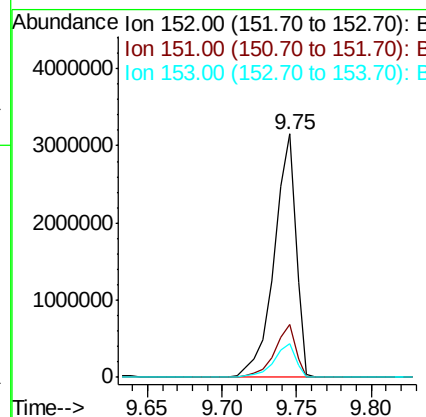
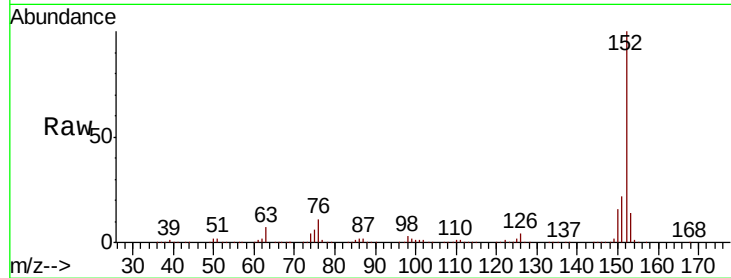
153 14.1 11.2 16.8

Manual Integrations

APPROVED

mohammad

4/1/2020 11:55:21 AM



#50

Dimethylphthalate

Concen: 53.350 ng

RT: 9.61 min Scan# 1279

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

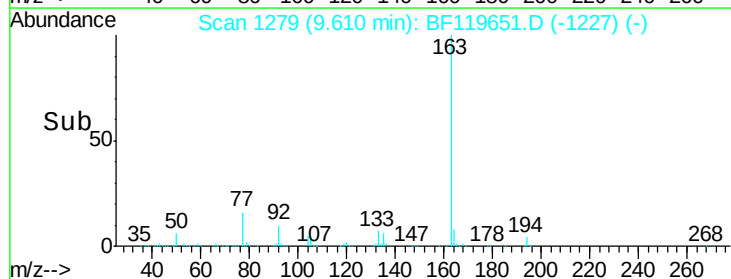
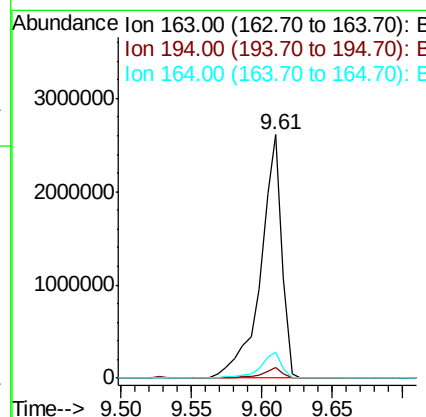
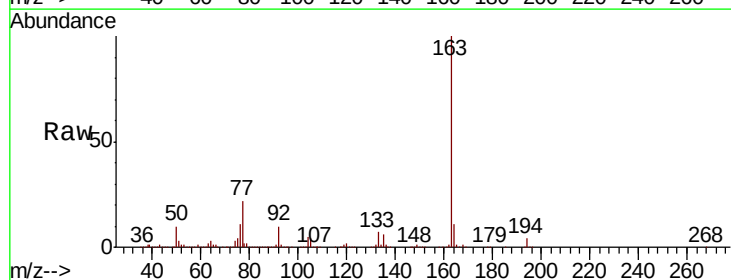
Tgt Ion:163 Resp: 2761536

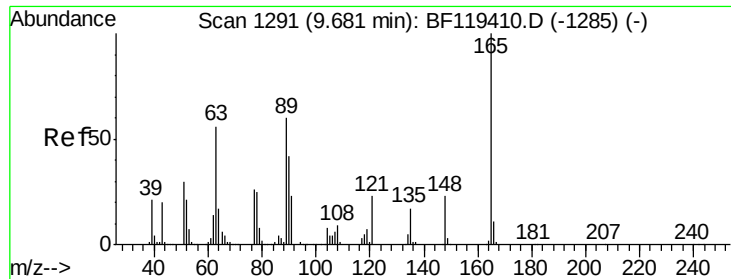
Ion Ratio Lower Upper

163 100

194 4.1 3.1 4.7

164 10.8 8.2 12.2





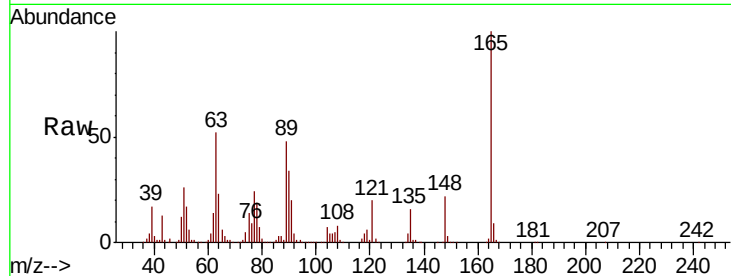
#51
2,6-Dinitrotoluene
Concen: 50.785 ng
RT: 9.67 min Scan# 1289
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

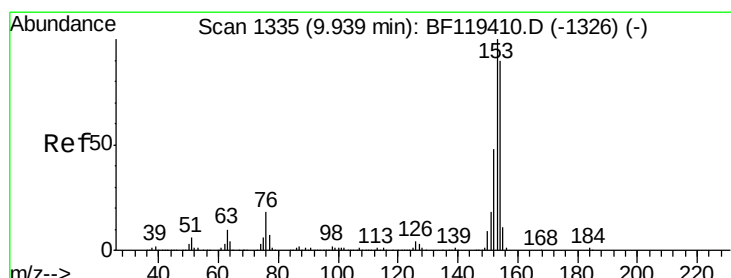
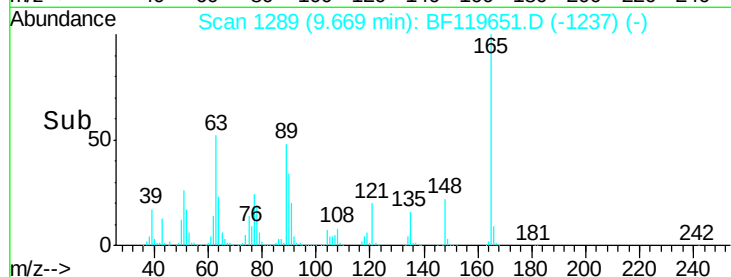
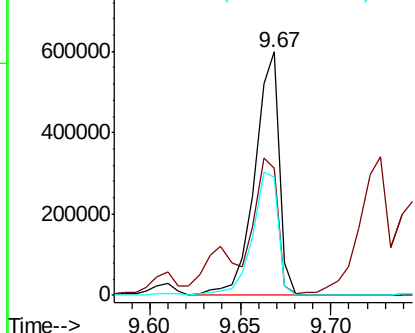
Tot Ion	Ratio	Lower	Upper
165	100		
63	52.3	45.0	67.4
89	48.4	41.5	62.3

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM



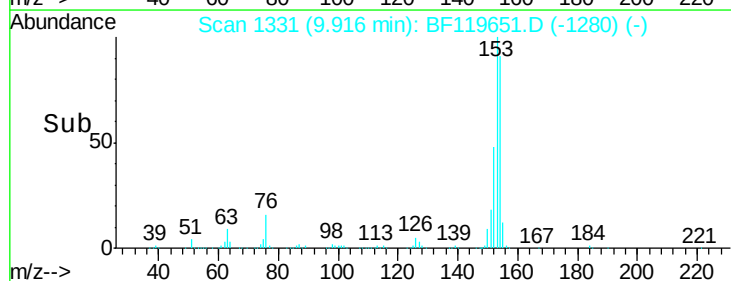
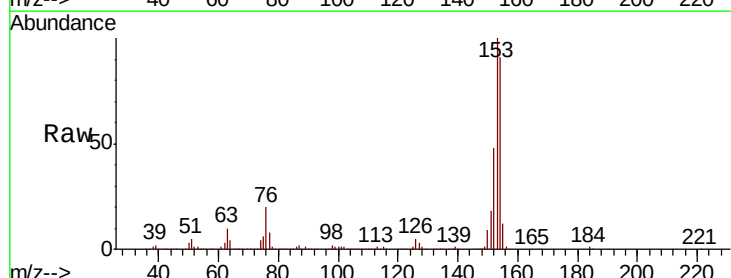
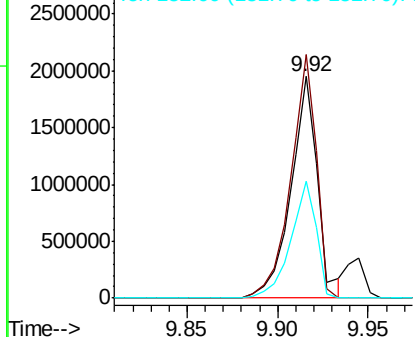
Abundance Ion 165.00 (164.70 to 165.70): E
800000 Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

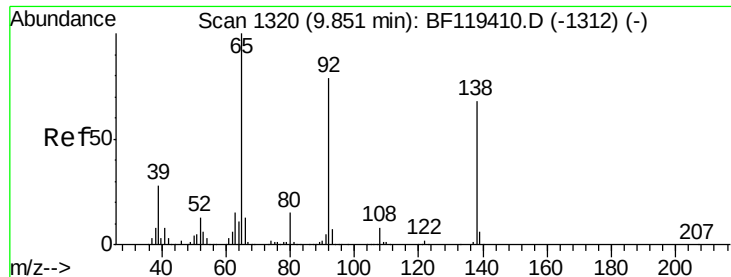


#52
Acenaphthene
Concen: 44.182 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
154	100		
153	109.8	88.1	132.1
152	52.7	43.0	64.4

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





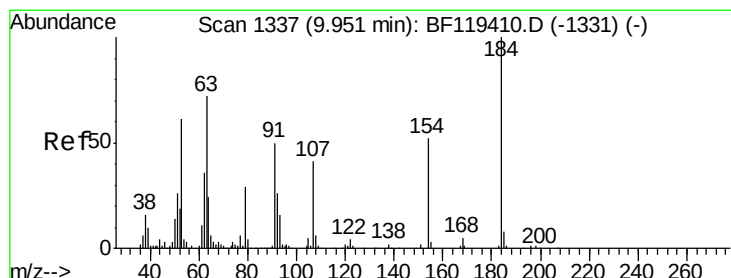
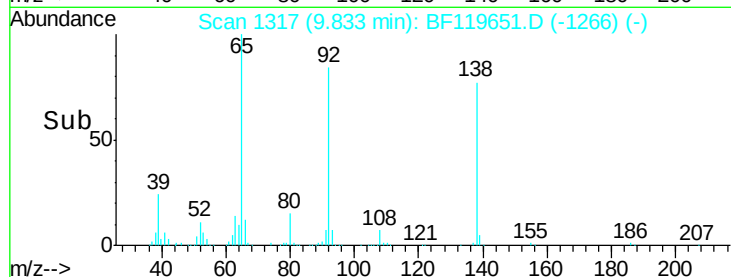
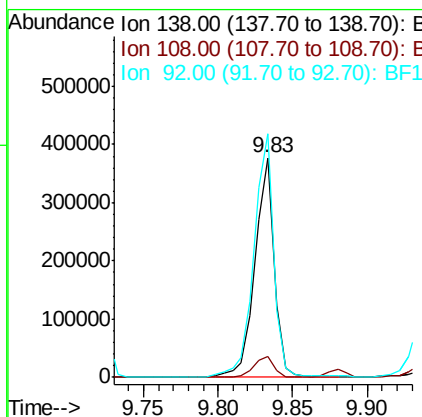
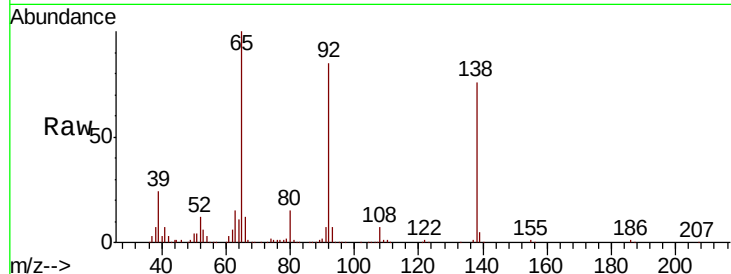
#53
3-Nitroaniline
Concen: 24.101 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.7	8.6	13.0
92	110.8	95.4	143.0

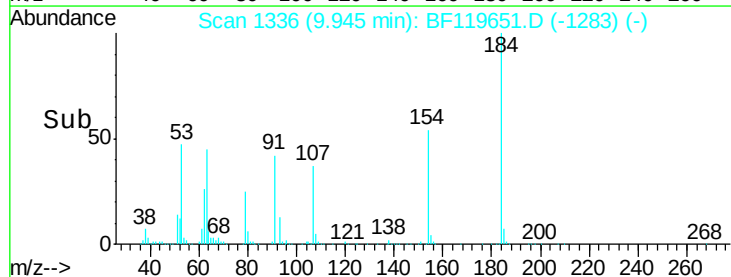
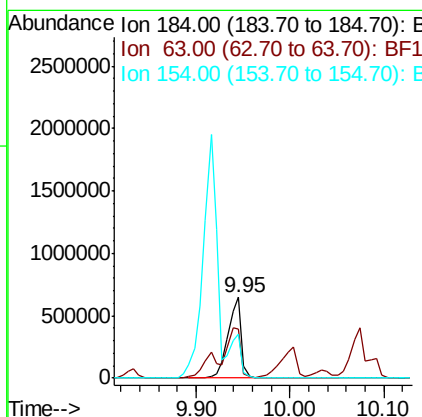
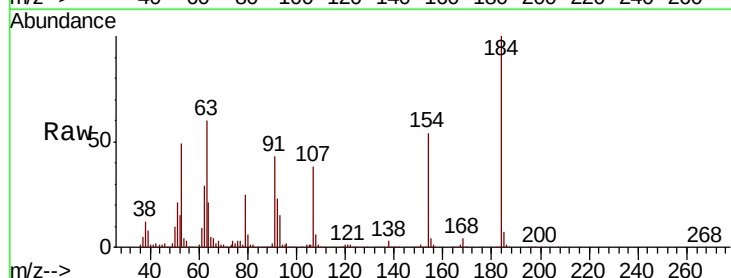
Manual Integrations
APPROVED

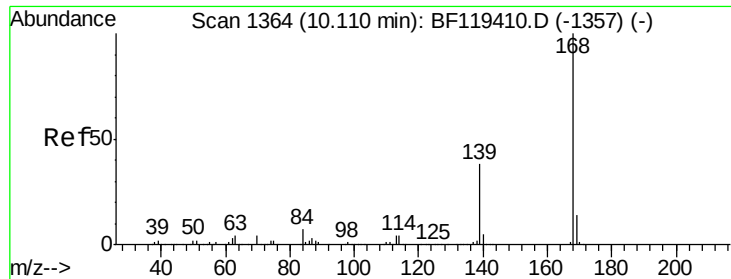
mohammad
4/1/2020 11:55:21 AM



#54
2,4-Dinitrophenol
Concen: 128.343 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.3	50.2	75.4
154	53.9	44.5	66.7





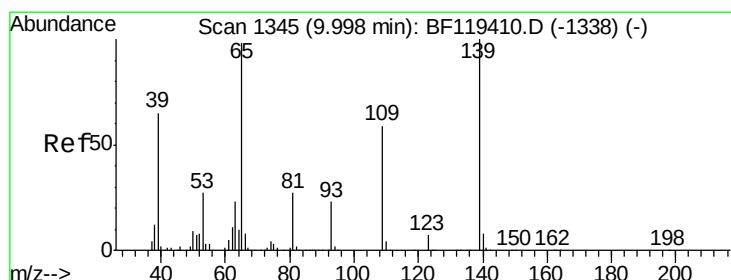
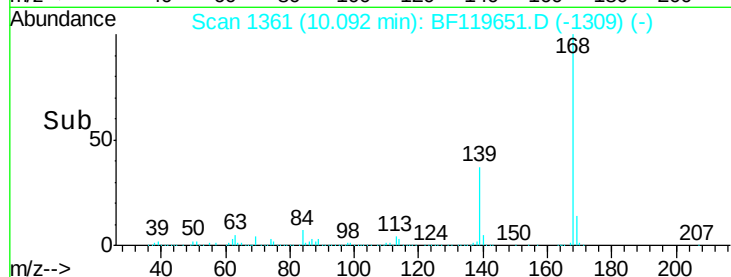
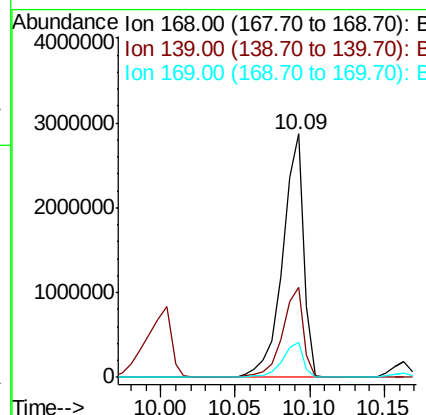
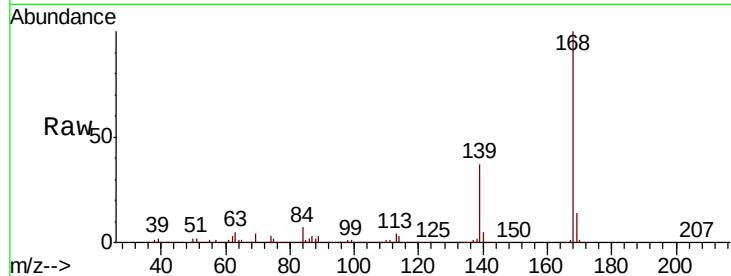
#55
Dibenzofuran
Concen: 43.479 ng
RT: 10.09 min Scan# 1361
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.0	30.1	45.1
169	14.4	11.0	16.6

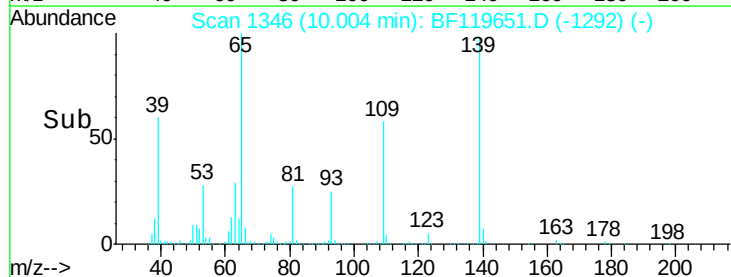
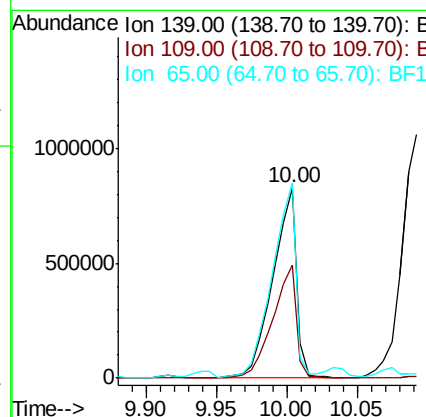
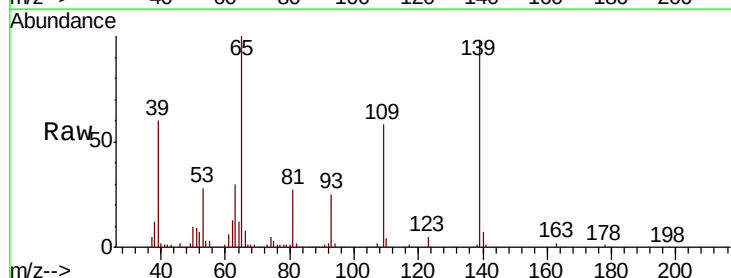
Manual Integrations
APPROVED

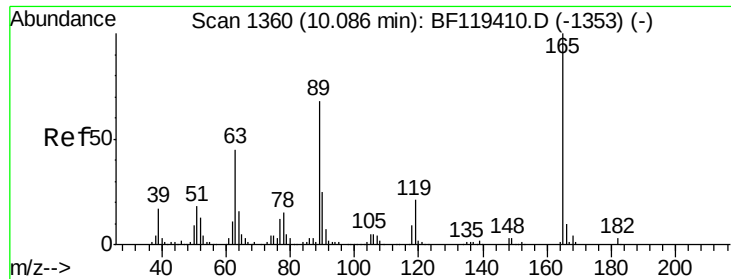
mohammad
4/1/2020 11:55:21 AM



#56
4-Nitrophenol
Concen: 88.066 ng
RT: 10.00 min Scan# 1346
Delta R.T. 0.02 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
139	100		
109	59.2	43.3	83.3
65	102.2	91.0	131.0





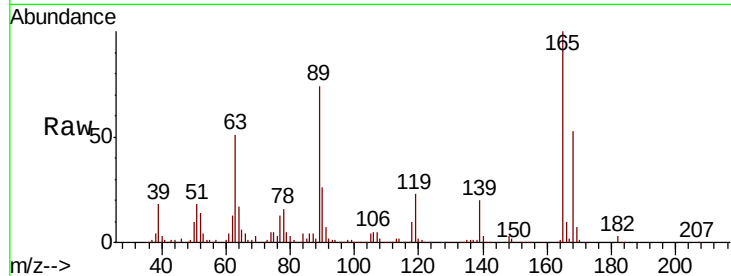
#57
2,4-Dinitrotoluene
Concen: 51.443 ng
RT: 10.07 min Scan# 1358
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

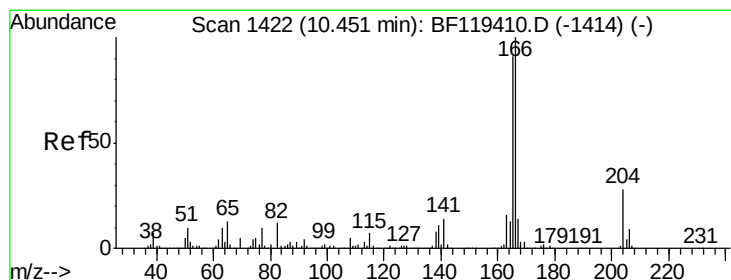
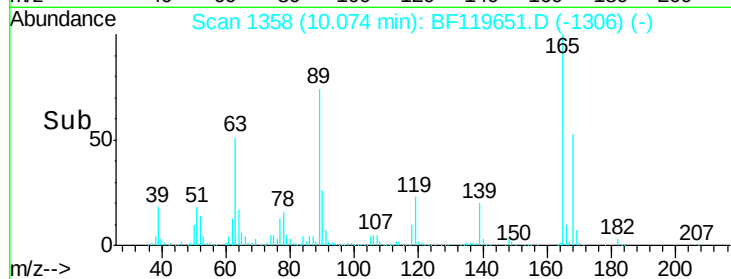
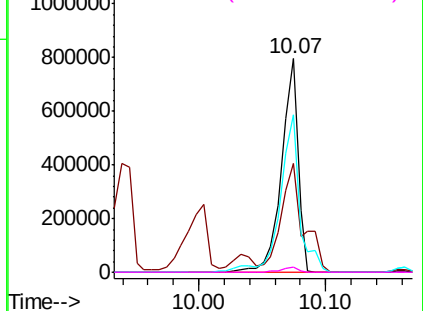
Tot Ion	165	Resp	719007
Ion Ratio	Lower	Upper	
165	100		
63	50.8	42.6	64.0
89	73.5	61.0	91.4
182	2.6	2.2	3.2

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM



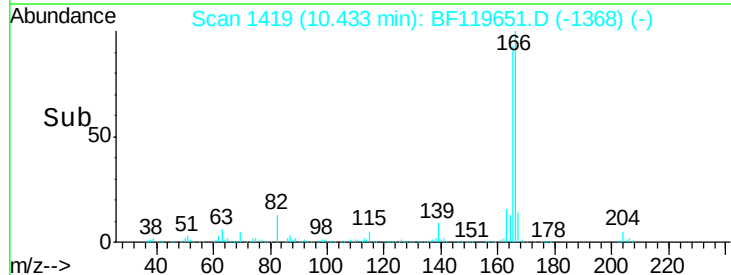
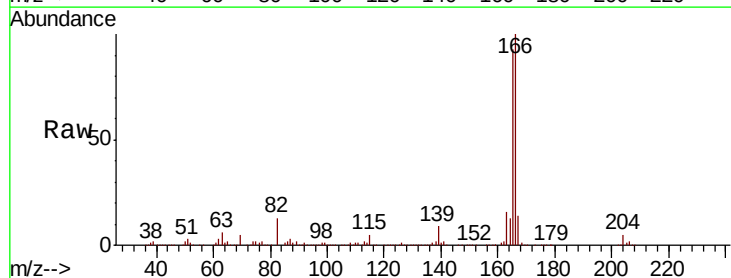
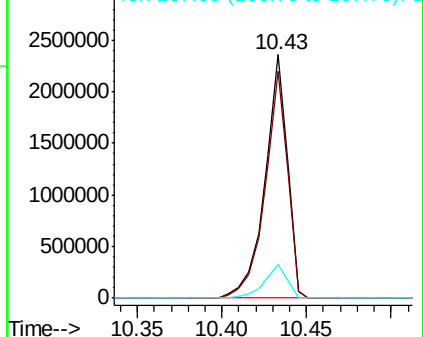
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

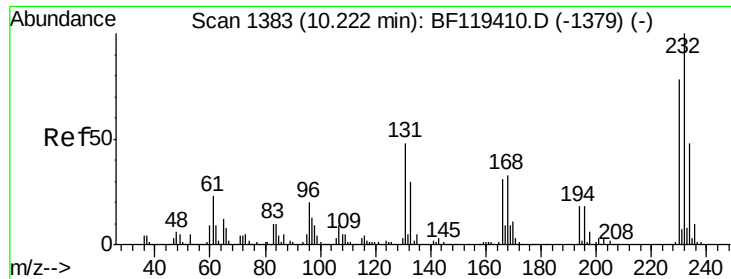


#58
Fluorene
Concen: 44.675 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	166	Resp	2155836
Ion Ratio	Lower	Upper	
166	100		
165	93.3	75.4	113.2
167	13.9	11.2	16.8

Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





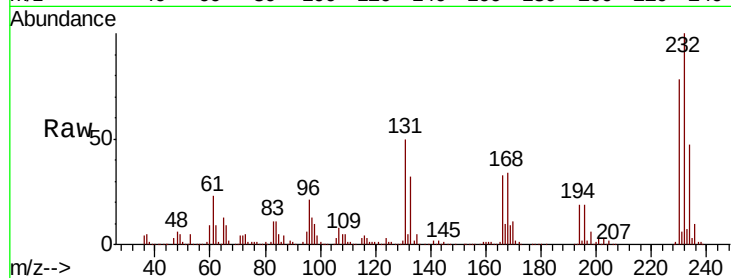
#59
2,3,4,6-Tetrachlorophenol
Concen: 50.724 ng
RT: 10.20 min Scan# 1380
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

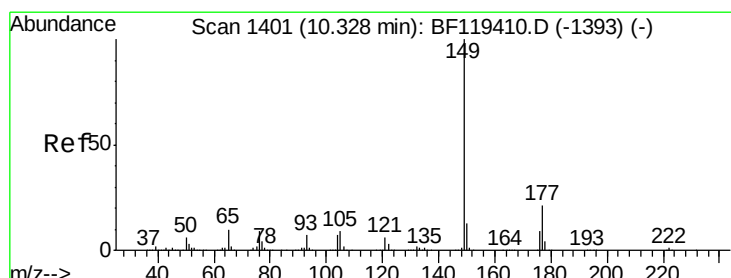
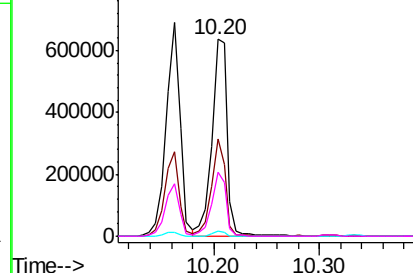
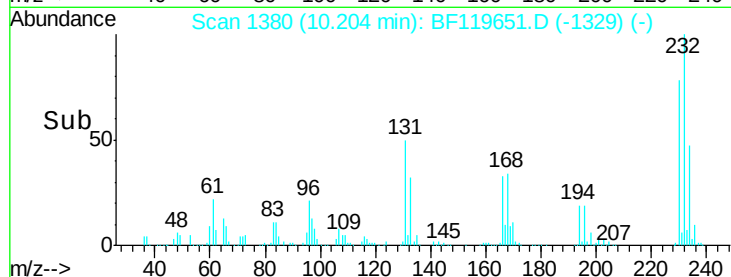
Tot Ion	Ratio	Lower	Upper
232	100		
131	43.8	37.5	56.3
130	2.0	1.8	2.6
166	30.2	24.6	36.8

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM

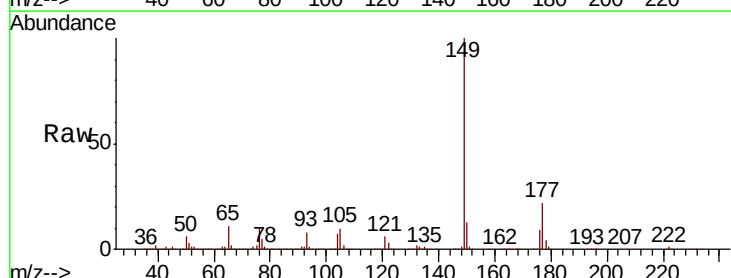


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

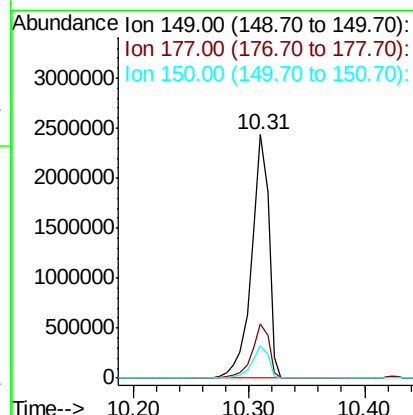
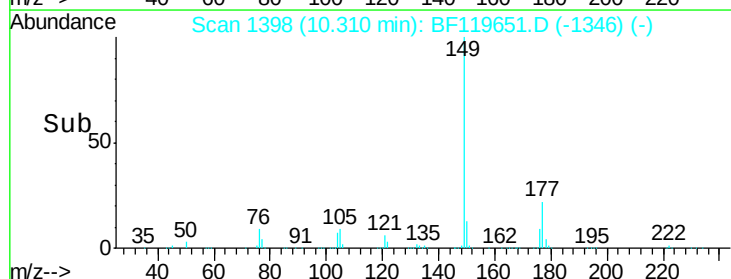


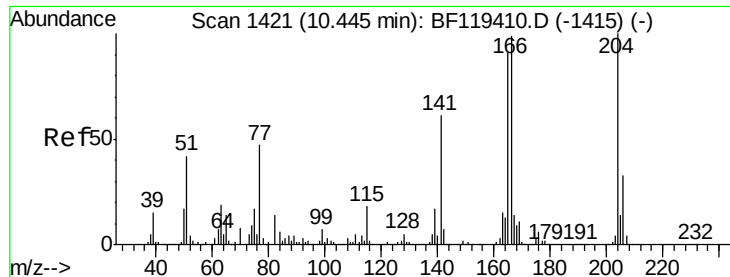
#60
Diethylphthalate
Concen: 47.835 ng
RT: 10.31 min Scan# 1398
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.0	25.6
150	13.2	10.1	15.1



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





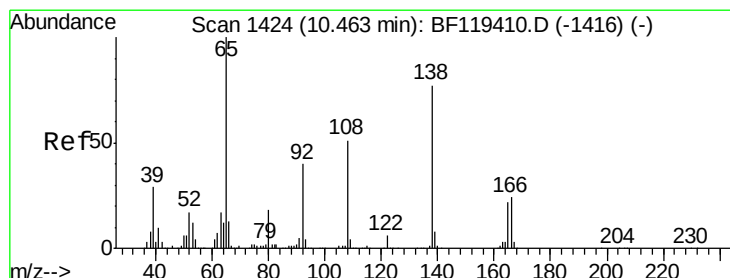
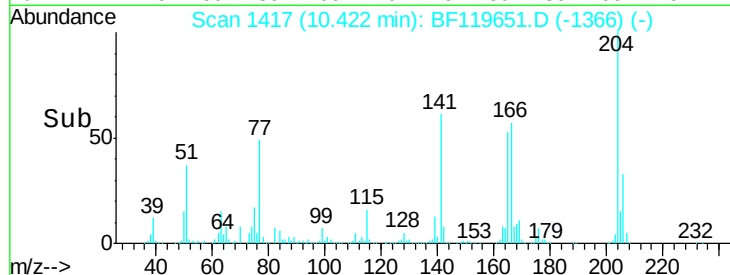
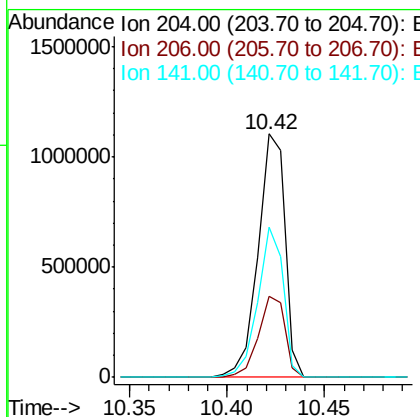
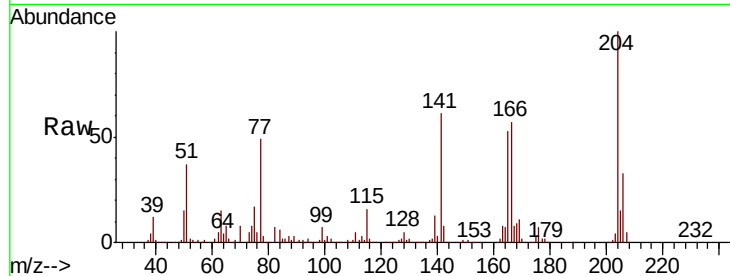
#61
4-Chlorophenyl-phenylether
Concen: 44.854 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	26.7	40.1
141	61.5	47.3	70.9

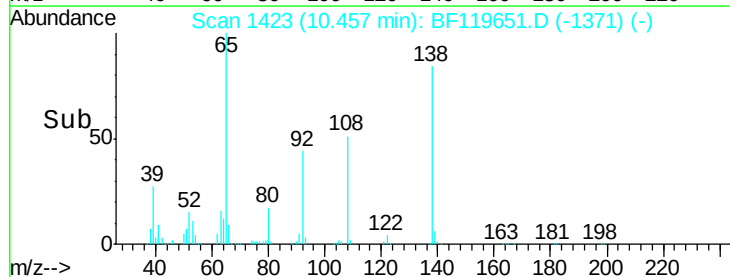
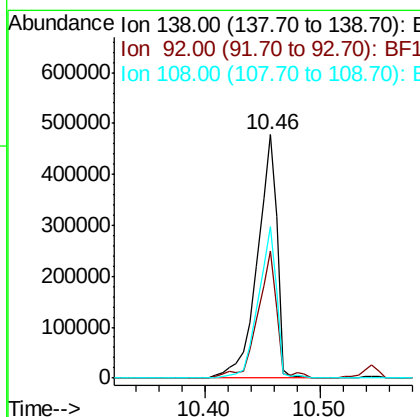
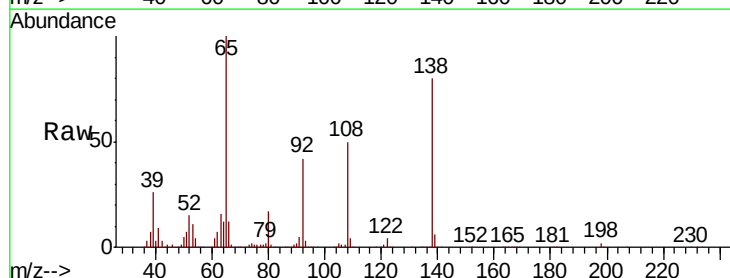
Manual Integrations
APPROVED

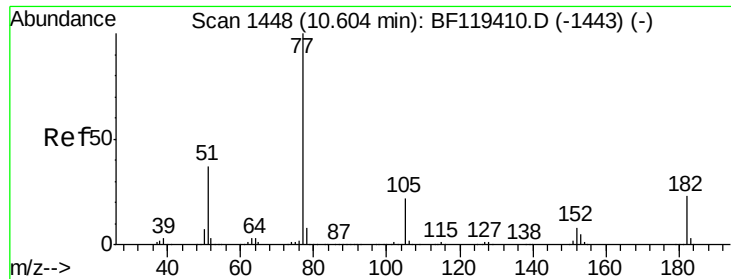
mohammad
4/1/2020 11:55:21 AM



#62
4-Nitroaniline
Concen: 42.734 ng
RT: 10.46 min Scan# 1423
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.0	31.5	71.5
108	62.0	45.8	85.8





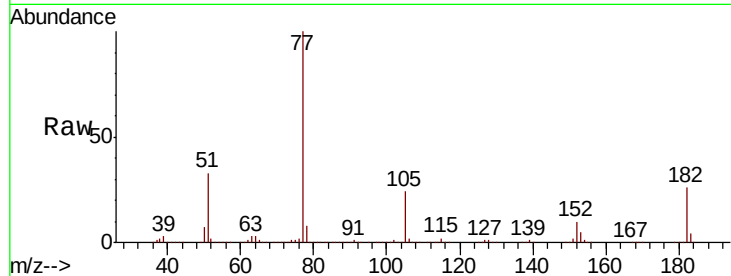
#63
Azobenzene
Concen: 45.005 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

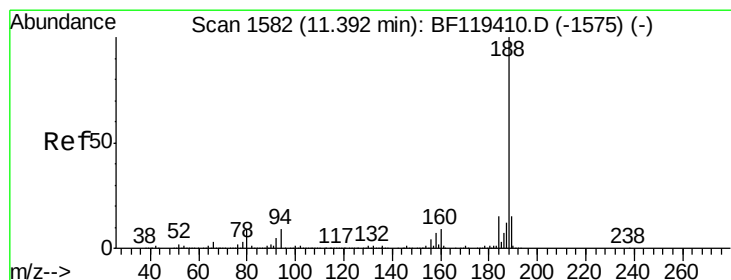
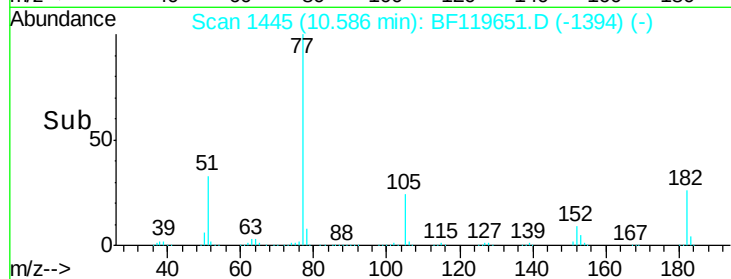
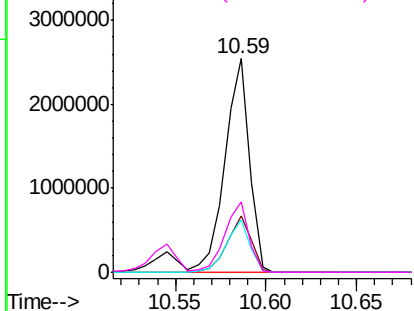
Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	4.4	44.4
105	24.3	2.6	42.6
51	33.1	15.1	55.1

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM



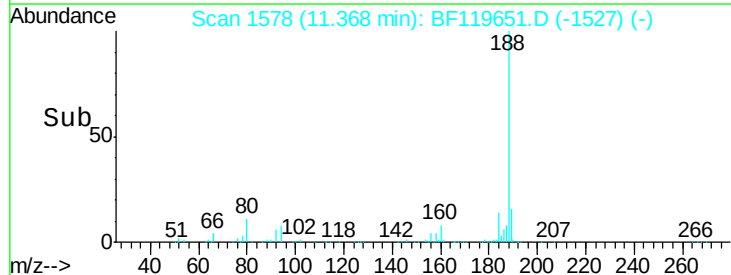
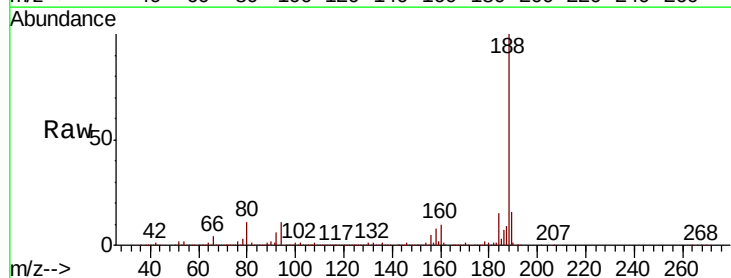
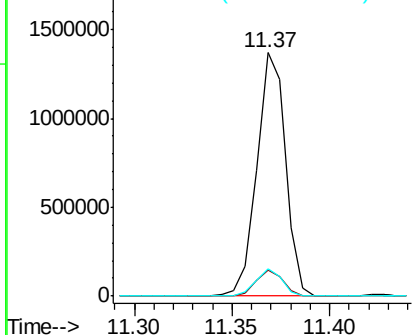
Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

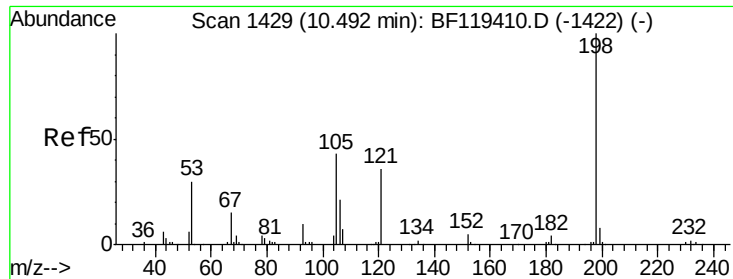


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.8	7.5	11.3
80	11.3	9.0	13.4

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





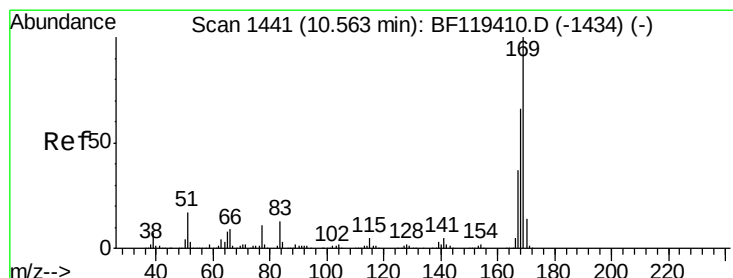
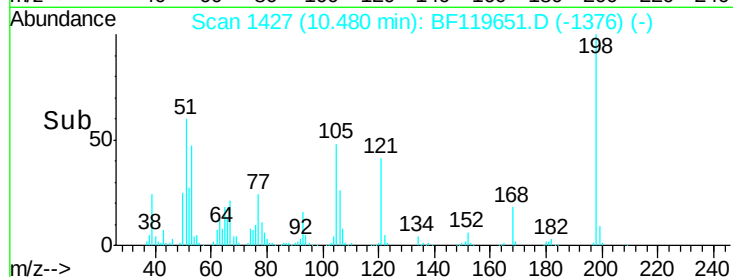
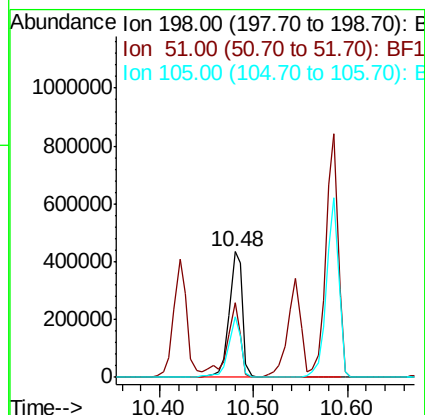
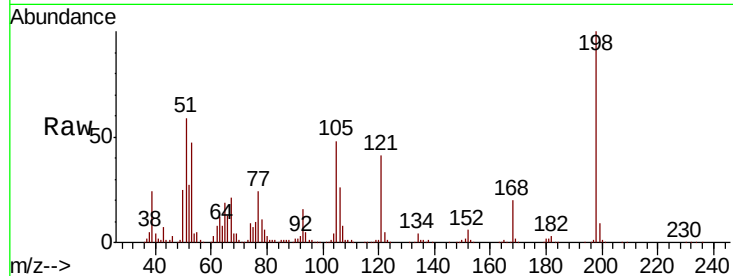
#65
4,6-Dinitro-2-methylphenol
Concen: 73.059 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
198	100		
51	59.5	29.0	69.0
105	48.3	22.2	62.2

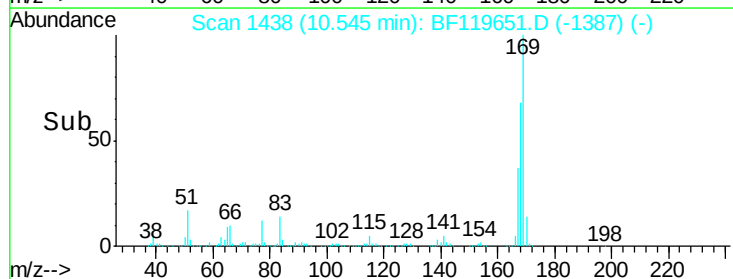
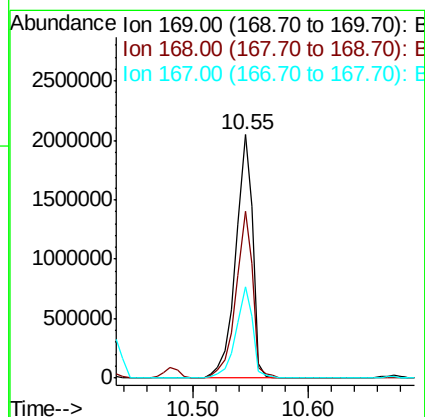
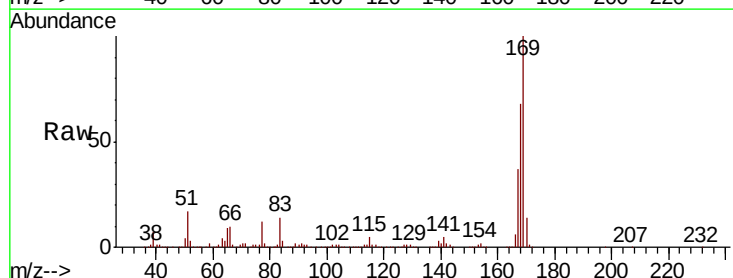
Manual Integrations
APPROVED

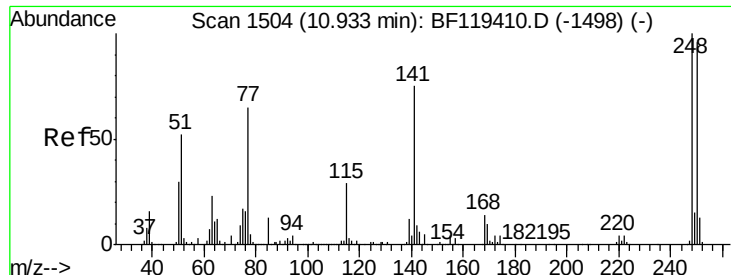
mohammad
4/1/2020 11:55:21 AM



#66
n-Nitrosodiphenylamine
Concen: 45.388 ng
RT: 10.55 min Scan# 1438
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.5	53.2	79.8
167	37.3	29.1	43.7





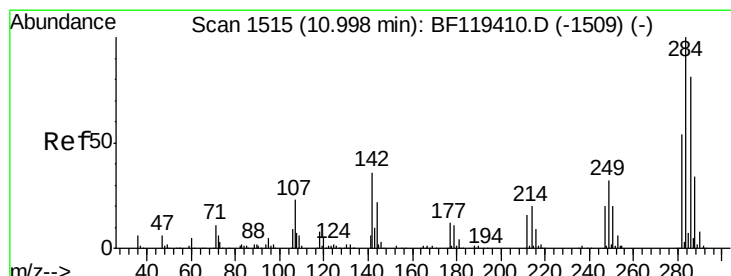
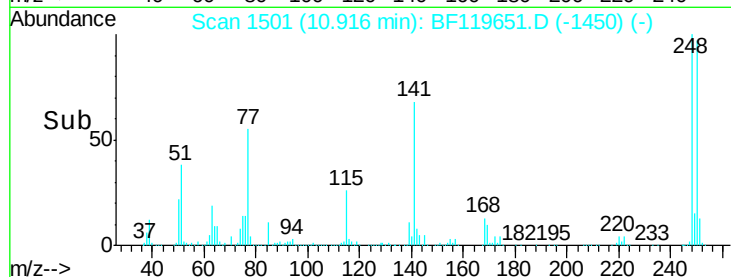
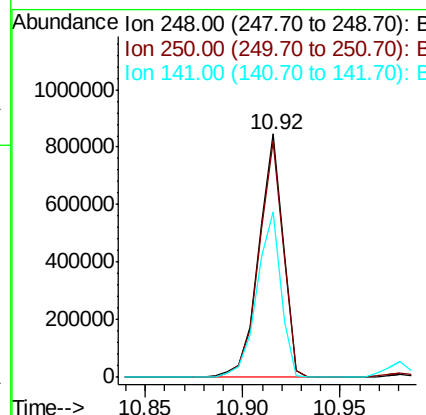
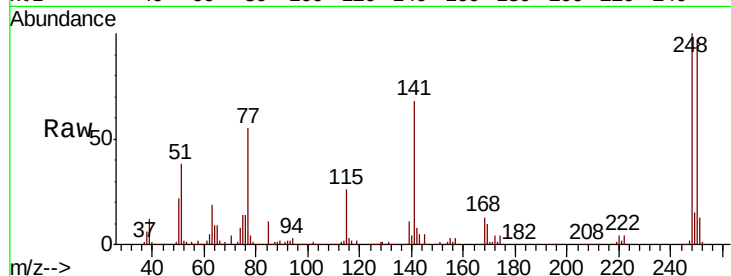
#67
 4-Bromophenyl-phenylether
 Concen: 46.113 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.7	77.3	115.9
141	68.1	58.6	87.8

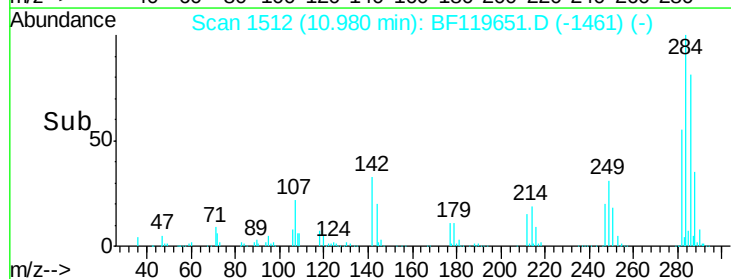
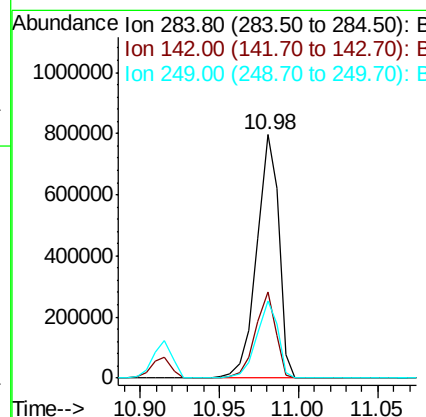
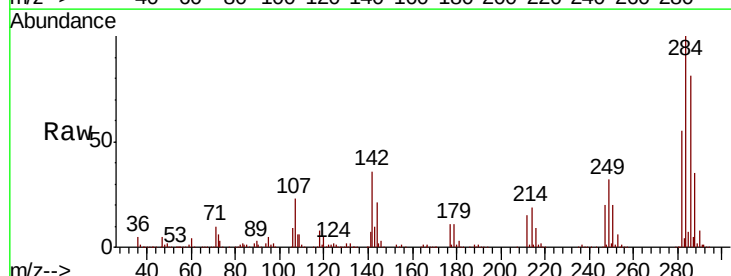
Manual Integrations
 APPROVED

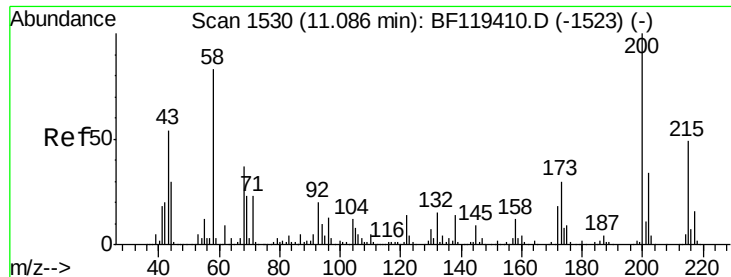
mohammad
 4/1/2020 11:55:21 AM



#68
 Hexachlorobenzene
 Concen: 47.341 ng
 RT: 10.98 min Scan# 1512
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	35.6	29.2	43.8
249	31.8	25.1	37.7





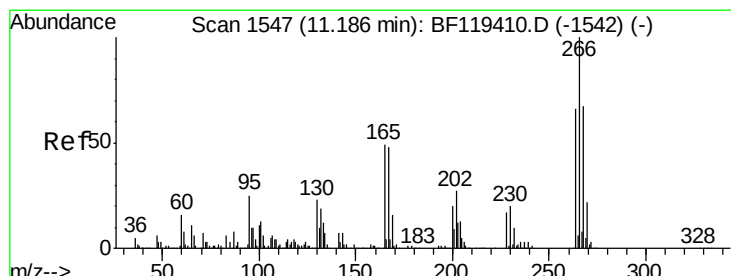
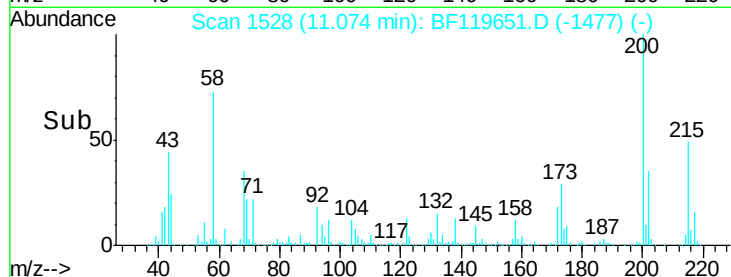
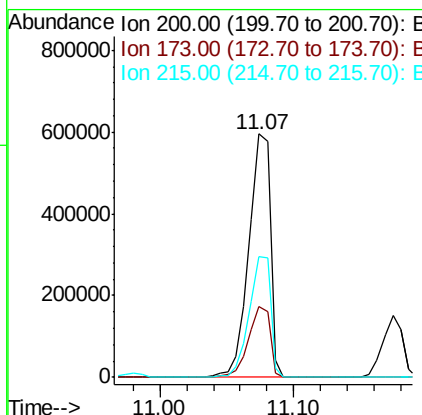
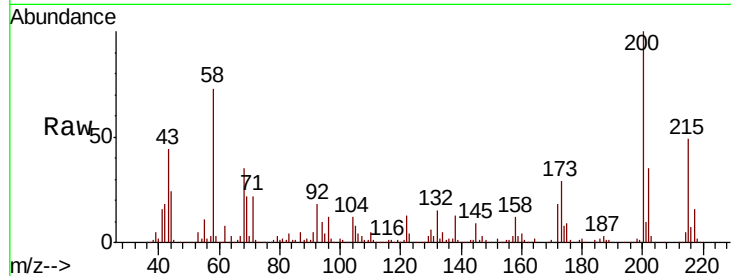
#69
Atrazine
Concen: 52.315 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
200	100		
173	29.1	9.3	49.3
215	49.3	29.5	69.5

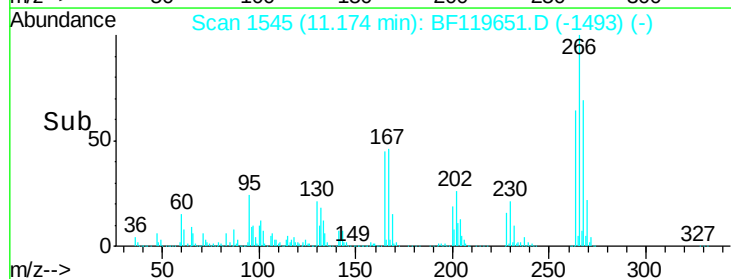
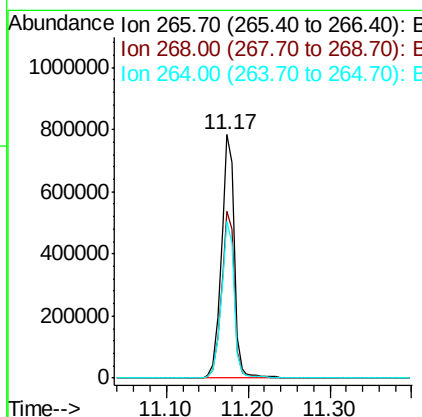
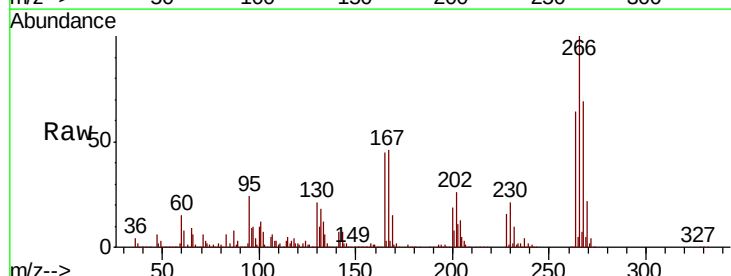
Manual Integrations
APPROVED

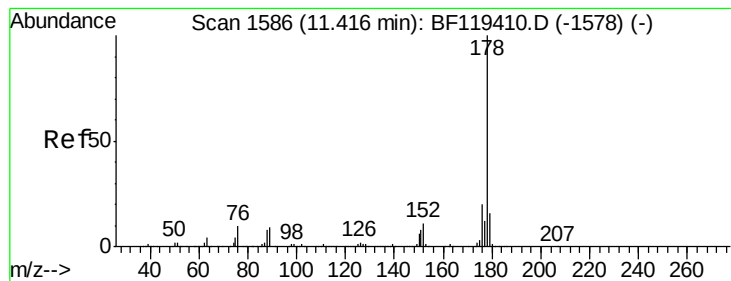
mohammad
4/1/2020 11:55:21 AM



#70
Pentachlorophenol
Concen: 91.312 ng
RT: 11.17 min Scan# 1545
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
266	100		
268	68.5	53.3	79.9
264	64.1	49.0	73.4





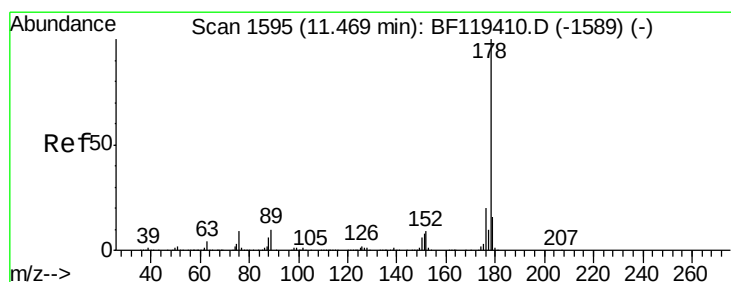
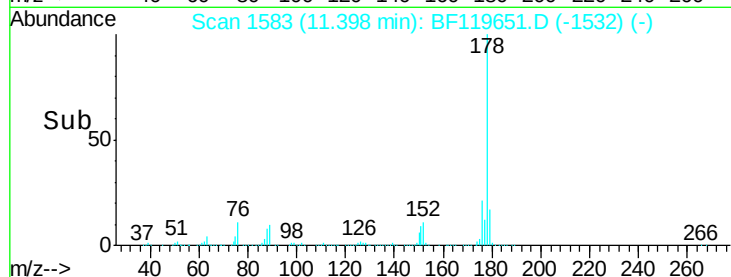
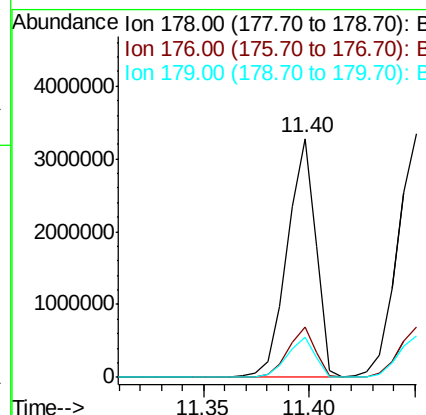
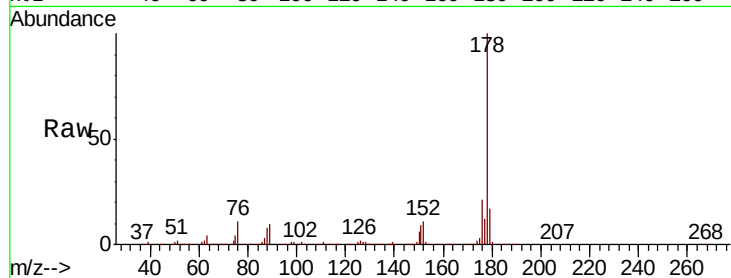
#71
Phenanthrene
Concen: 43.020 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion:178 Resp: 3106767
Ion Ratio Lower Upper
178 100
176 21.1 16.2 24.4
179 16.9 13.2 19.8

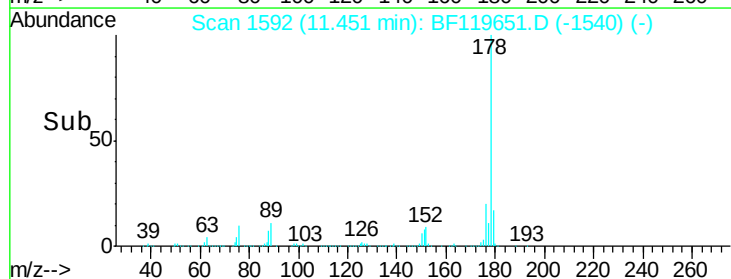
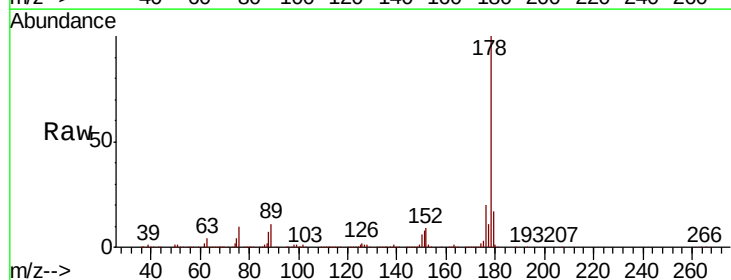
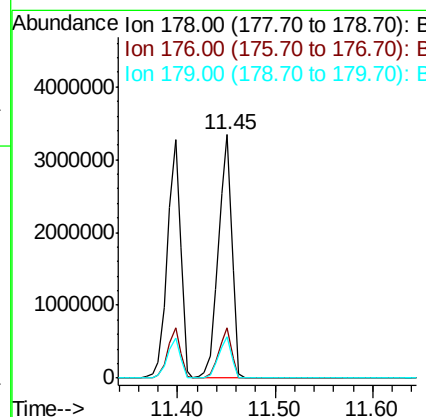
Manual Integrations
APPROVED

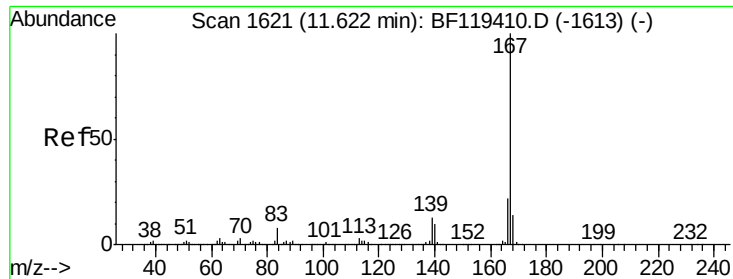
mohammad
4/1/2020 11:55:21 AM



#72
Anthracene
Concen: 43.747 ng
RT: 11.45 min Scan# 1592
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion:178 Resp: 3210862
Ion Ratio Lower Upper
178 100
176 20.5 16.1 24.1
179 17.2 13.0 19.4





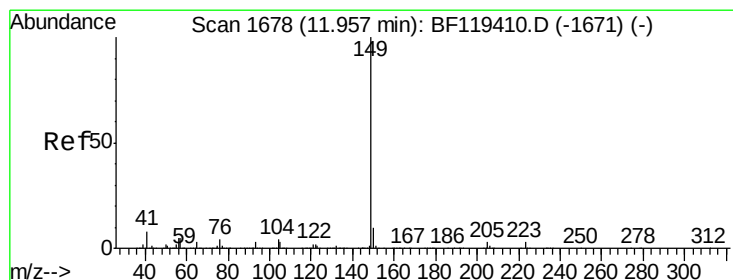
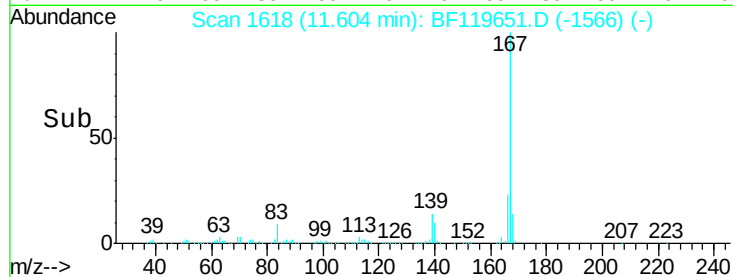
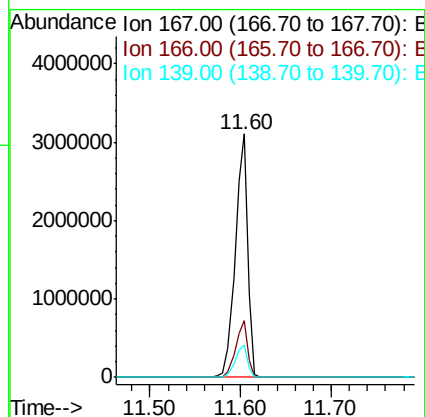
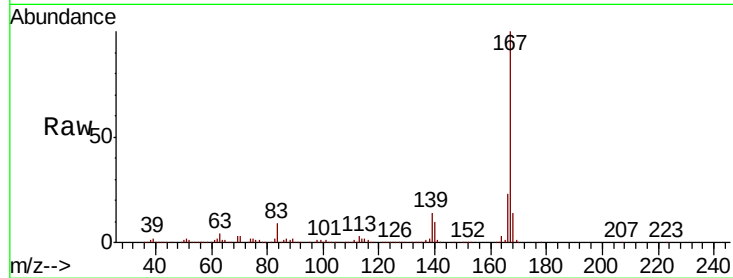
#73
 Carbazole
 Concen: 41.185 ng
 RT: 11.60 min Scan# 1618
 Delta R.T. 0.01 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Tot Ion:167 Resp: 2992056
 Ion Ratio Lower Upper
 167 100
 166 23.3 18.2 27.4
 139 13.6 10.7 16.1

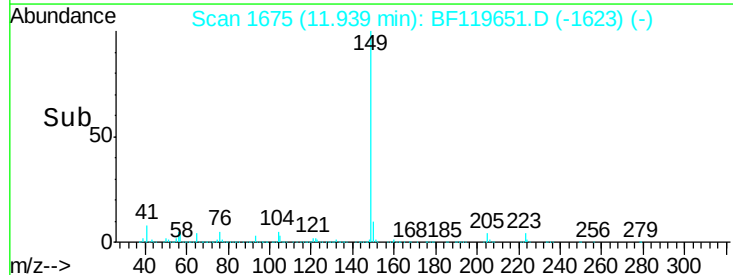
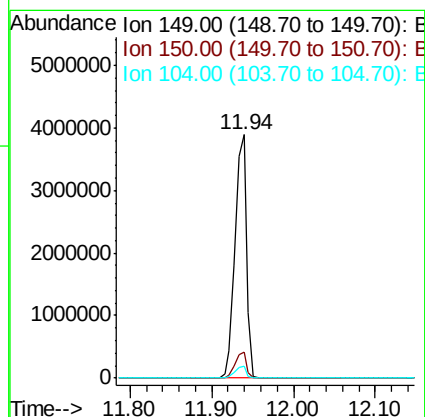
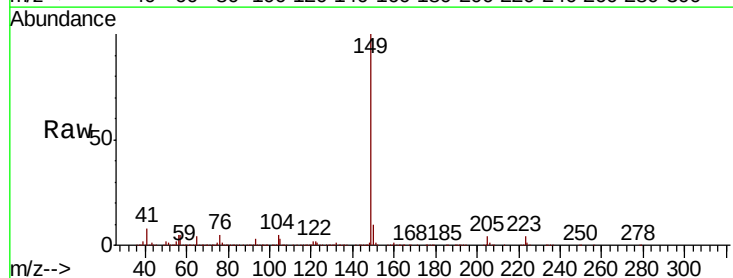
Manual Integrations
 APPROVED

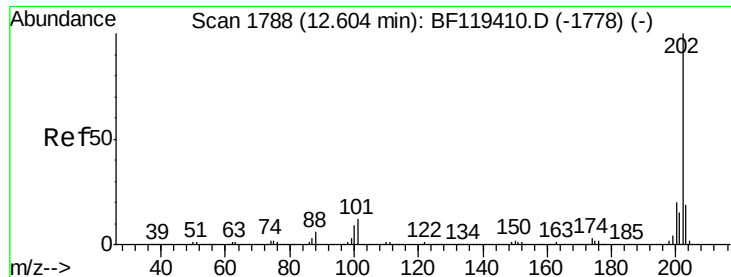
mohammad
 4/1/2020 11:55:21 AM



#74
 Di-n-butylphthalate
 Concen: 49.361 ng
 RT: 11.94 min Scan# 1675
 Delta R.T. 0.01 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion:149 Resp: 3836038
 Ion Ratio Lower Upper
 149 100
 150 10.4 7.8 11.8
 104 4.8 3.6 5.4





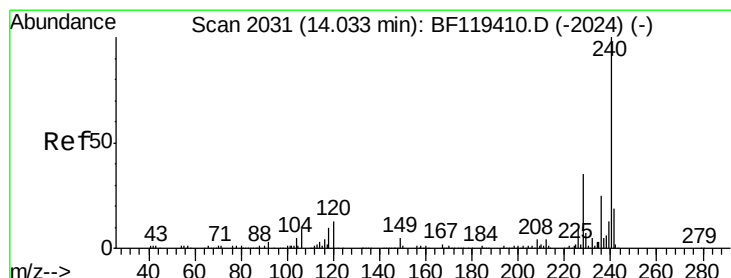
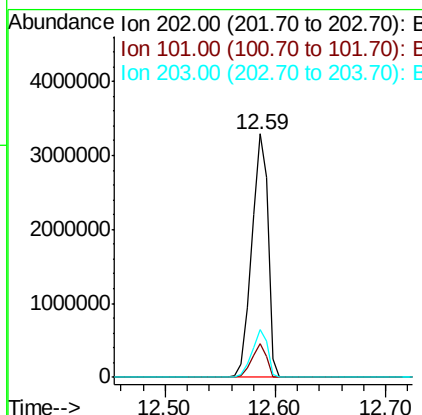
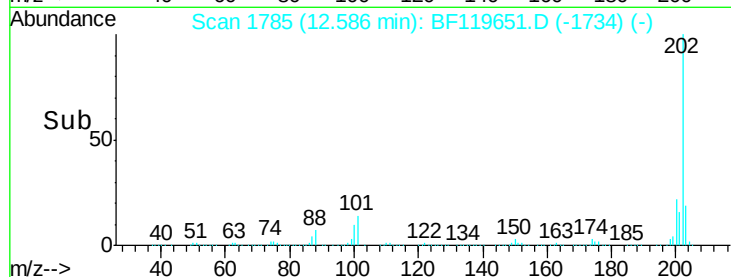
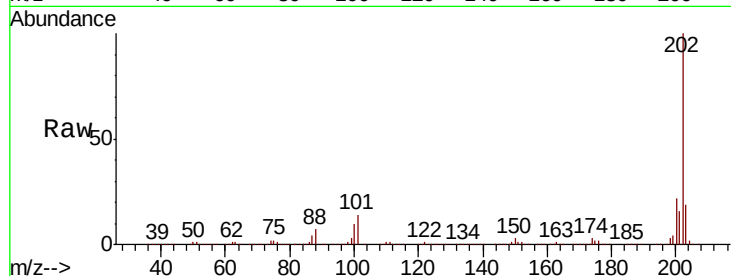
#75
Fluoranthene
Concen: 43.491 ng
RT: 12.59 min Scan# 1785
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.2
203	19.4	0.0	38.8

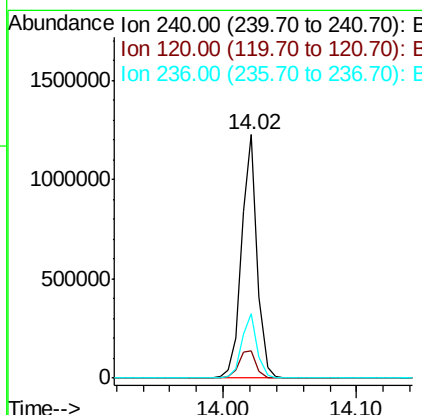
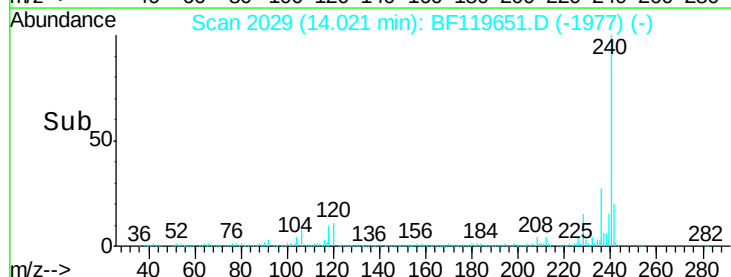
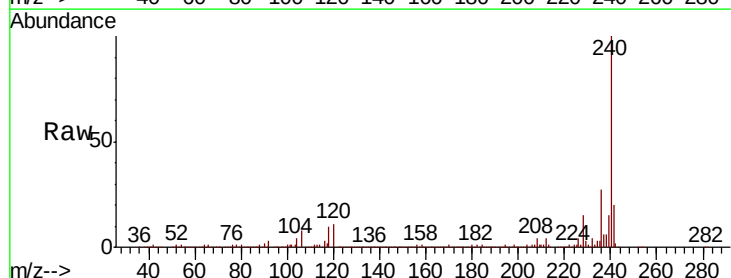
Manual Integrations
APPROVED

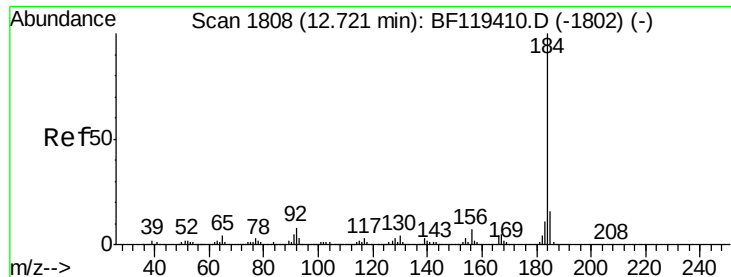
mohammad
4/1/2020 11:55:21 AM



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.5	10.6	15.8
236	26.5	20.2	30.2





#77

Benzidine

Concen: 40.062 ng

RT: 12.71 min Scan# 1806

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

Tot Ion:184 Resp: 1671096

Ion Ratio Lower Upper

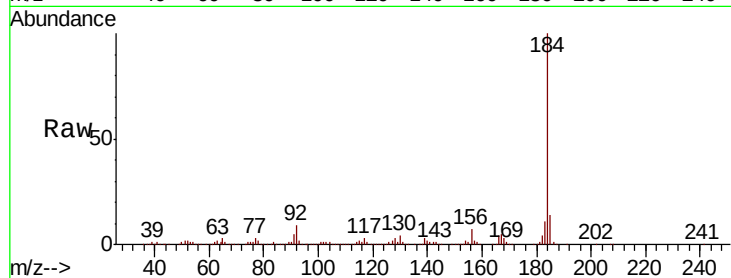
184 100

185 14.3 12.3 18.5

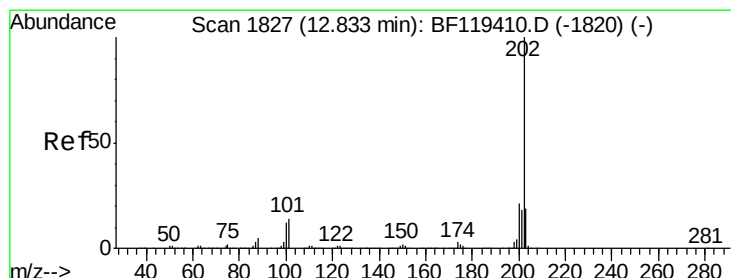
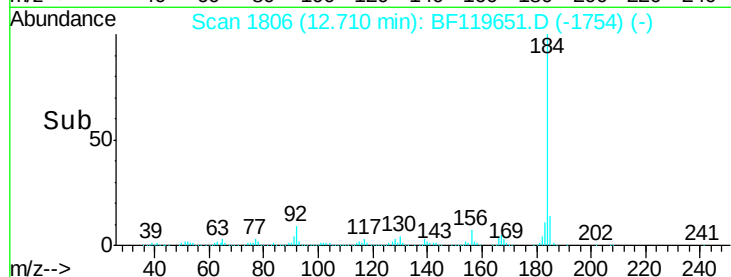
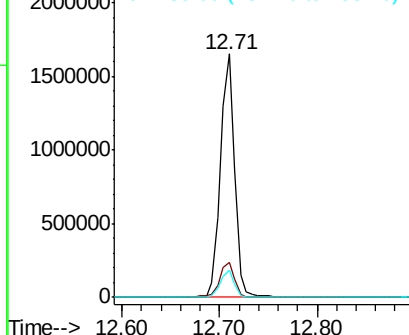
183 11.1 9.0 13.6

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM



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: 41.945 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

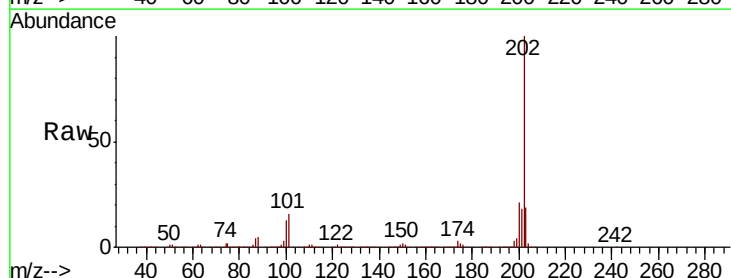
Tgt Ion:202 Resp: 3393004

Ion Ratio Lower Upper

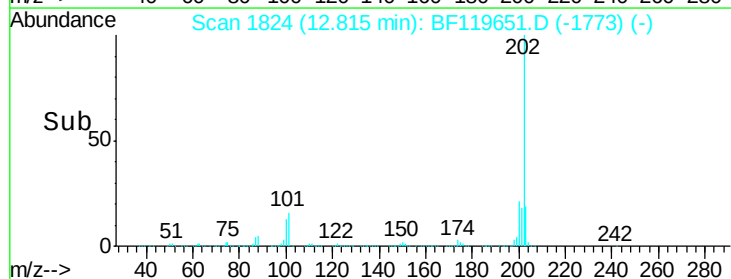
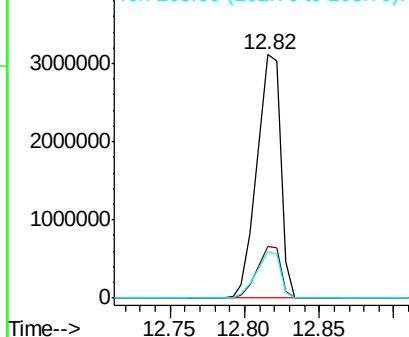
202 100

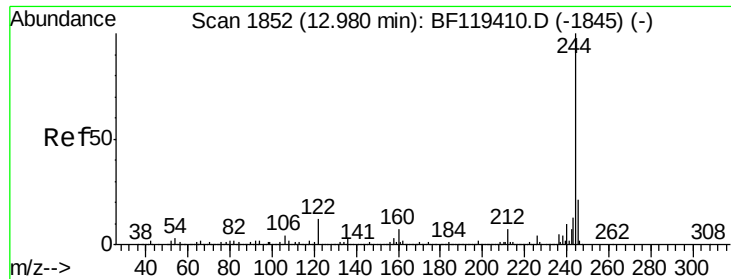
200 21.3 16.8 25.2

203 19.0 15.1 22.7



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





#79
 Terphenyl-d14
 Concen: 73.979 ng
 RT: 12.96 min Scan# 1849
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

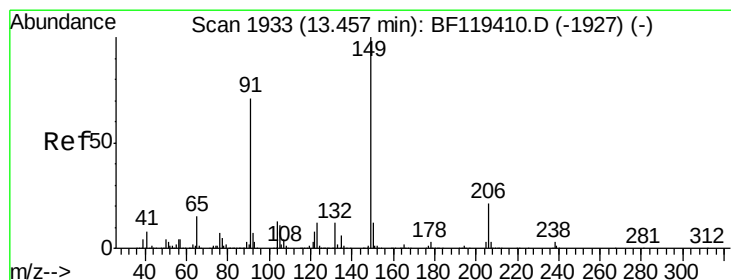
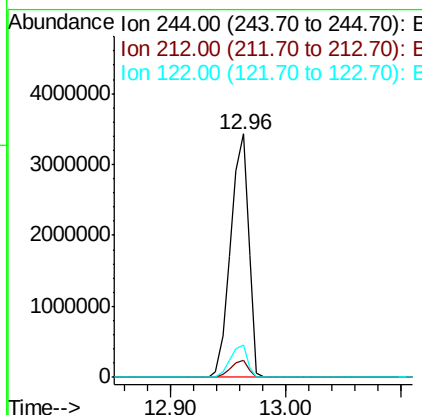
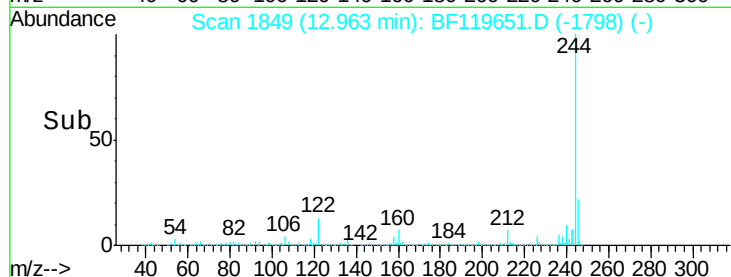
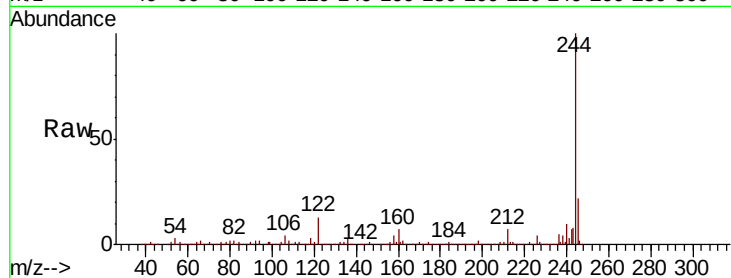
Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Tot Ion:244 Resp: 3721760

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.8	8.8
122	13.1	10.3	15.5

Manual Integrations
 APPROVED

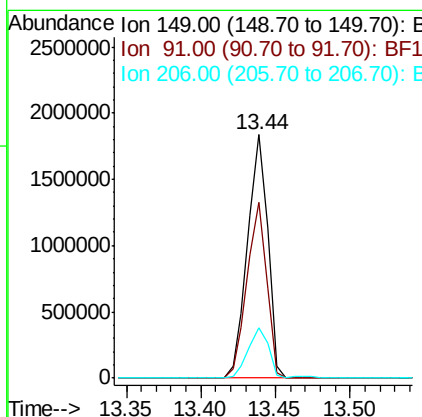
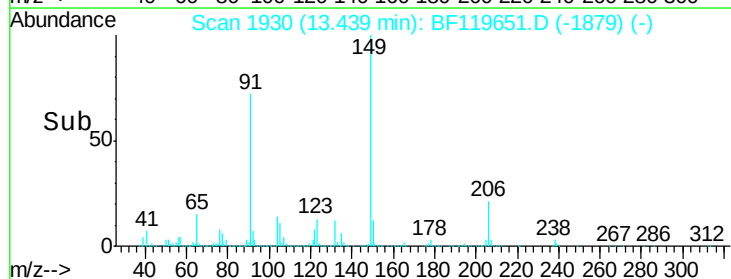
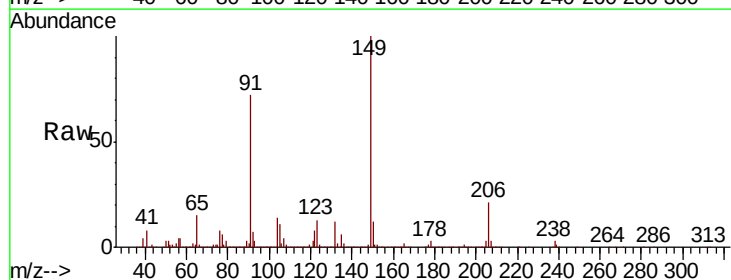
mohammad
 4/1/2020 11:55:21 AM

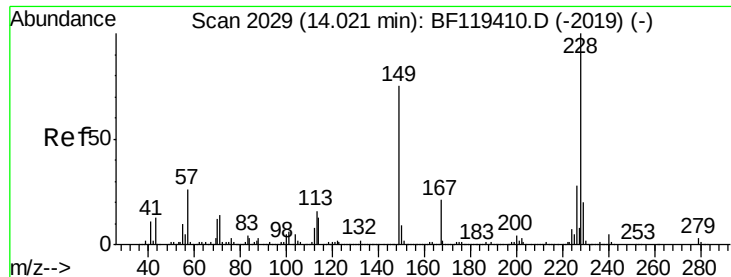


#80
 Butylbenzylphthalate
 Concen: 52.709 ng
 RT: 13.44 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion:149 Resp: 1724478

Ion	Ratio	Lower	Upper
149	100		
91	72.0	54.7	82.1
206	20.8	16.2	24.2





#81

Benzo(a)anthracene

Concen: 41.637 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

Tot Ion:228 Resp: 2668734

Ion Ratio Lower Upper

228 100

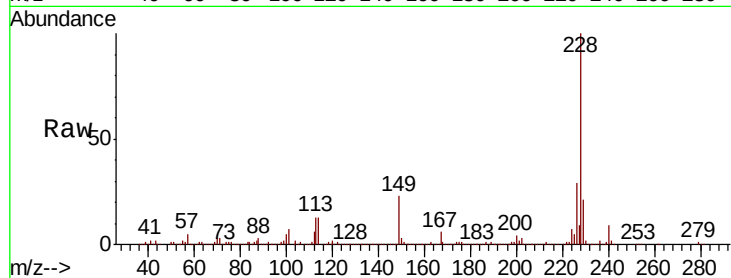
226 28.5 21.8 32.8

229 21.0 16.2 24.4

Manual Integrations
APPROVED

mohammad

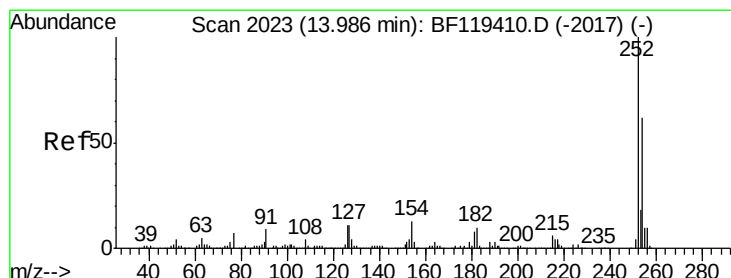
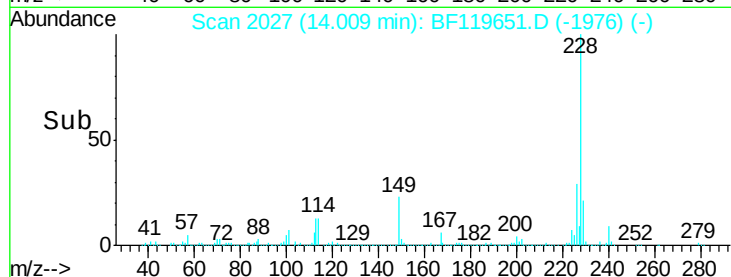
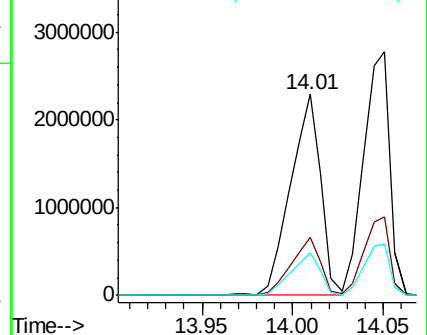
4/1/2020 11:55:21 AM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.625 ng

RT: 13.97 min Scan# 2020

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Tgt Ion:252 Resp: 849775

Ion Ratio Lower Upper

252 100

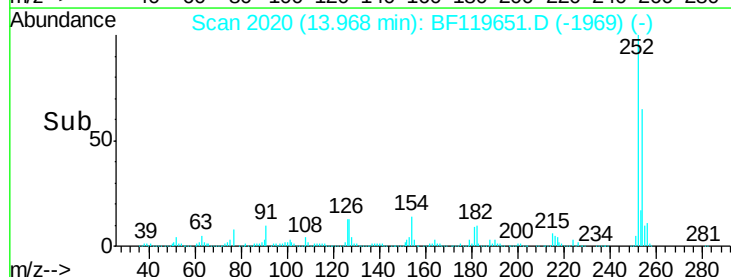
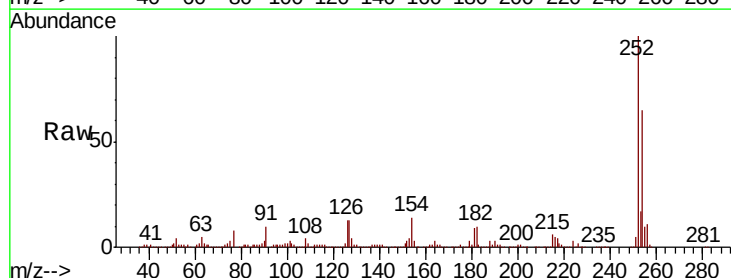
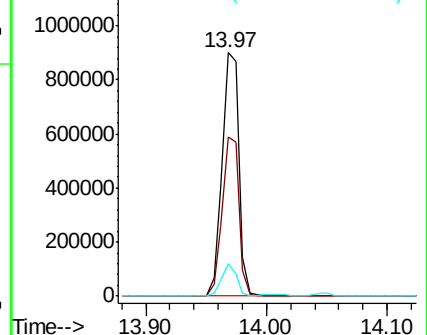
254 65.3 51.2 76.8

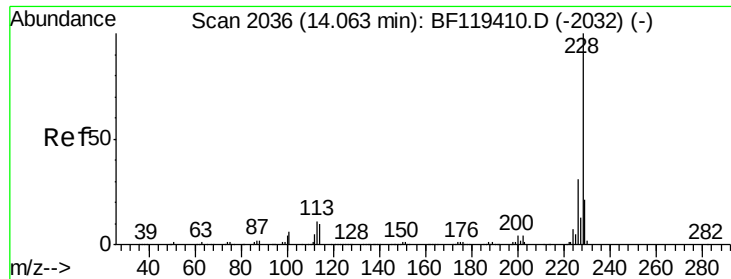
126 13.2 9.6 14.4

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





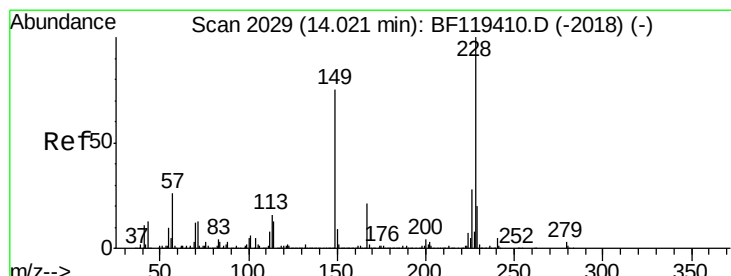
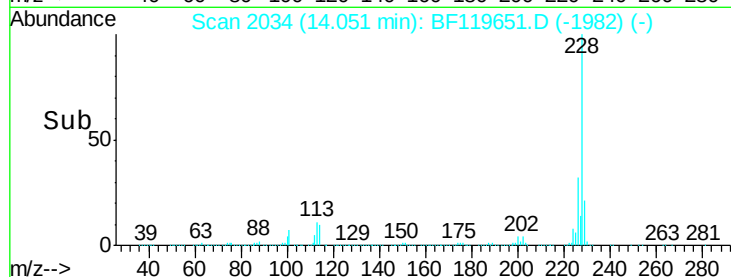
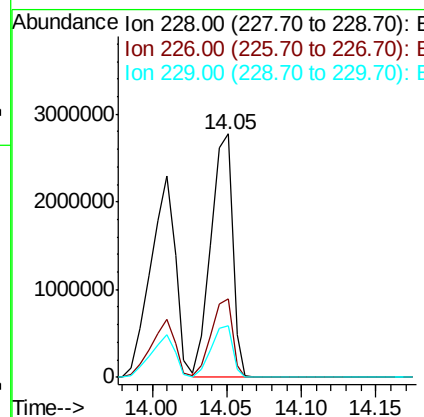
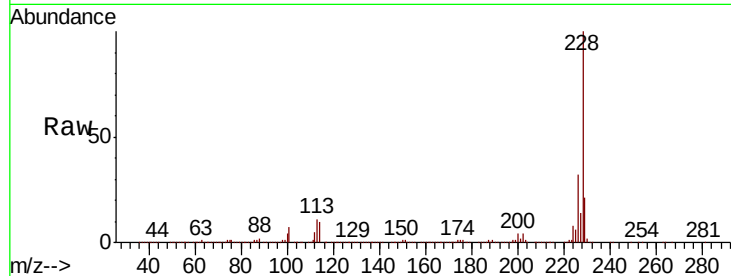
#83
 Chrysene
 Concen: 42.158 ng
 RT: 14.05 min Scan# 2034
 Delta R.T. 0.01 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Instrument :
 BNA_F
 ClientSampleId :
 SB-6-(10-12)MS

Tot Ion:228 Resp: 2788682
 Ion Ratio Lower Upper
 228 100
 226 32.1 25.4 38.0
 229 21.1 16.6 24.8

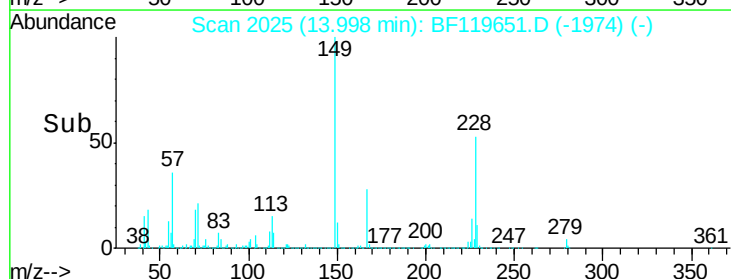
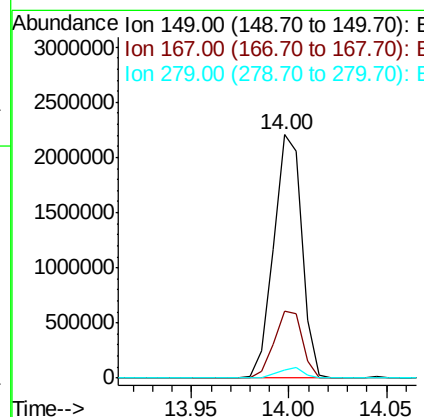
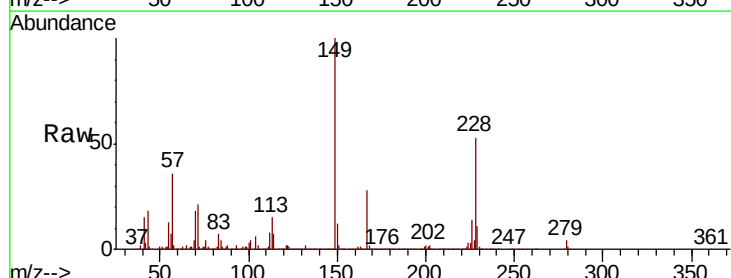
Manual Integrations
 APPROVED

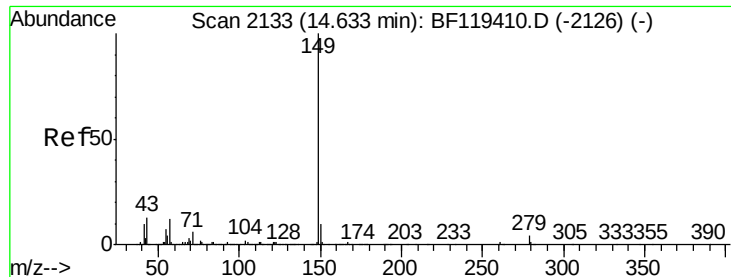
mohammad
 4/1/2020 11:55:21 AM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.588 ng
 RT: 14.00 min Scan# 2025
 Delta R.T. -0.00 min
 Lab File: BF119651.D
 Acq: 31 Mar 2020 15:00

Tgt Ion:149 Resp: 2207018
 Ion Ratio Lower Upper
 149 100
 167 27.8 21.3 31.9
 279 3.6 2.7 4.1





#85

Di-n-octyl phthalate

Concen: 58.249 ng

RT: 14.62 min Scan# 2130

Delta R.T. -0.00 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

Tot Ion:149 Resp: 3995426

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

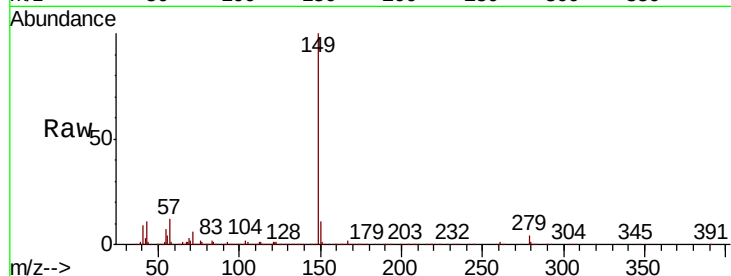
43 11.4 9.3 13.9

Manual Integrations

APPROVED

mohammad

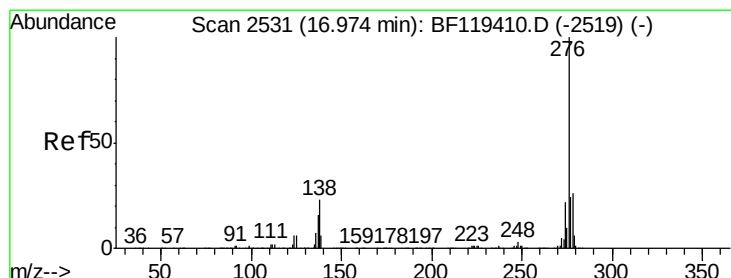
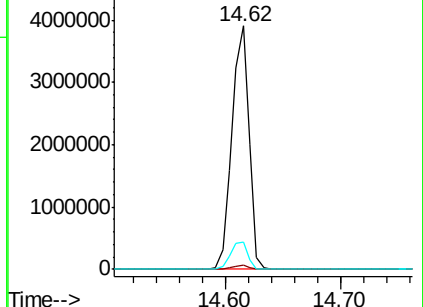
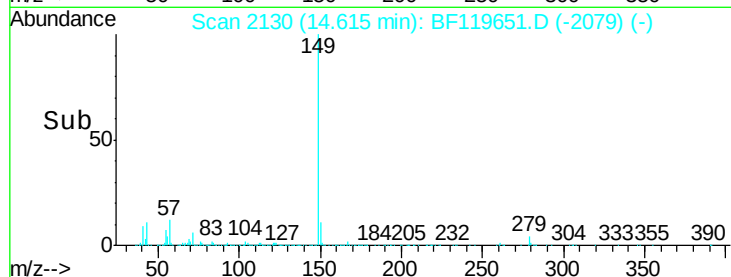
4/1/2020 11:55:21 AM



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: 43.823 ng

RT: 16.95 min Scan# 2527

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

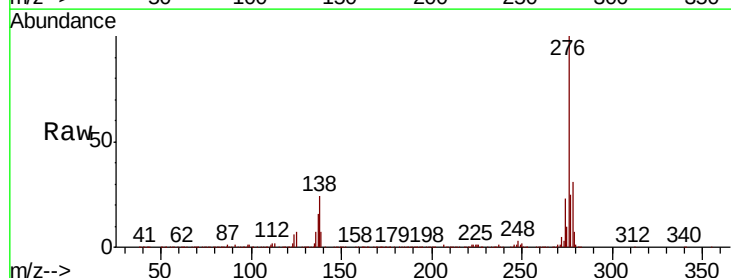
Tgt Ion:276 Resp: 2730115

Ion Ratio Lower Upper

276 100

138 26.5 19.6 29.4

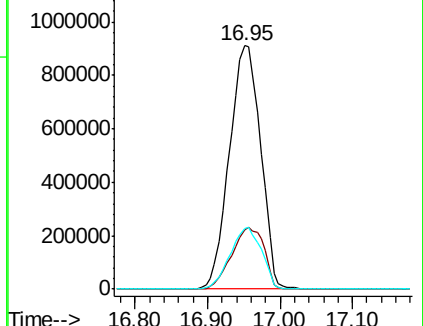
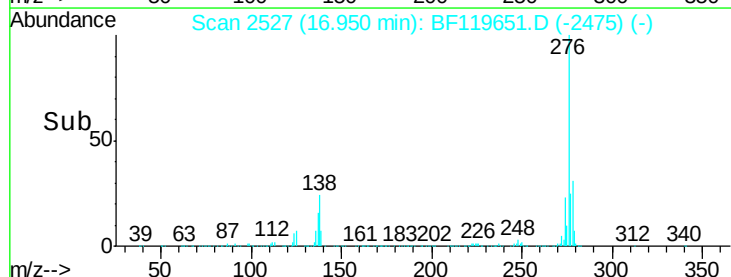
277 25.5 20.0 30.0

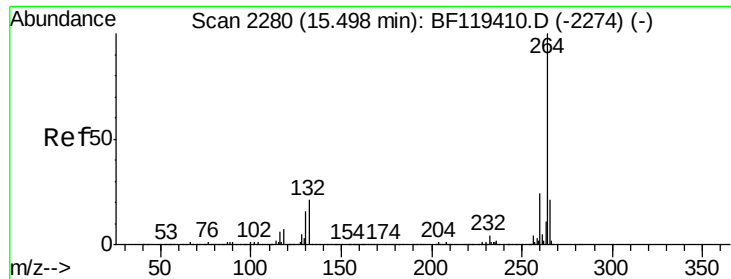


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





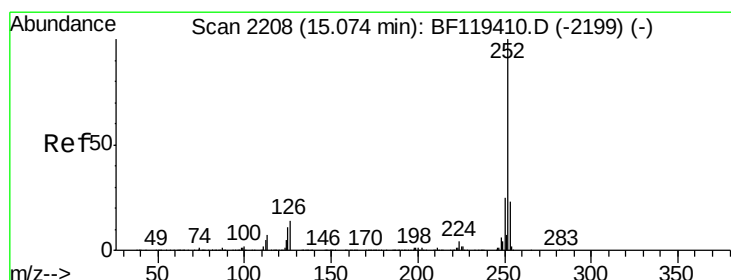
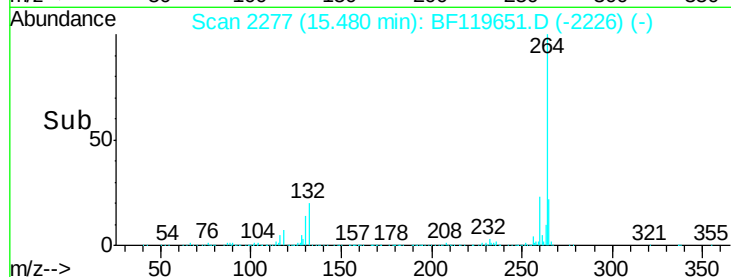
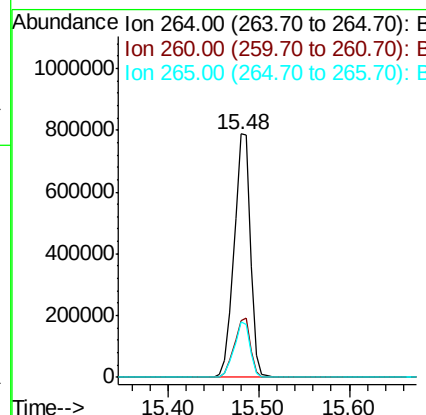
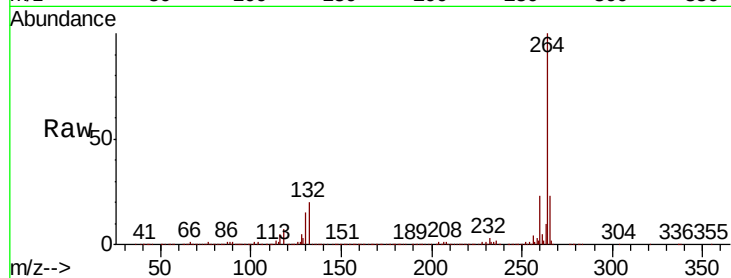
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.2	18.7	28.1
265	22.5	17.7	26.5

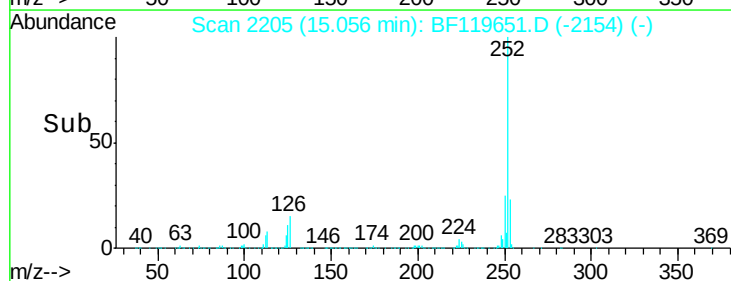
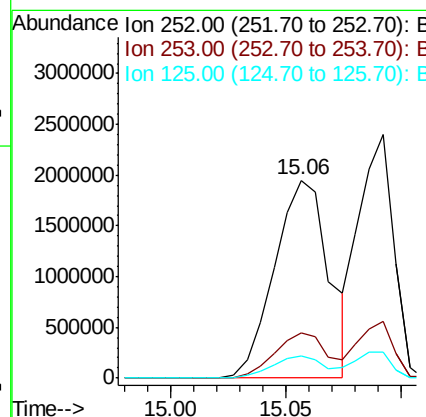
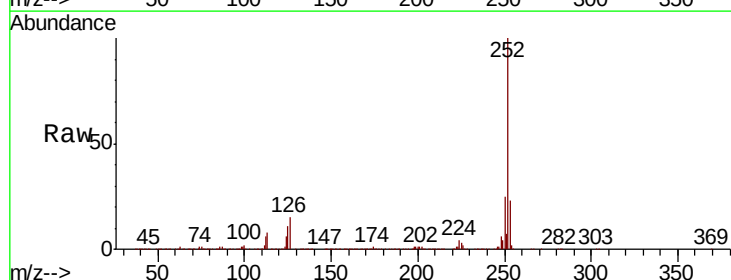
Manual Integrations
APPROVED

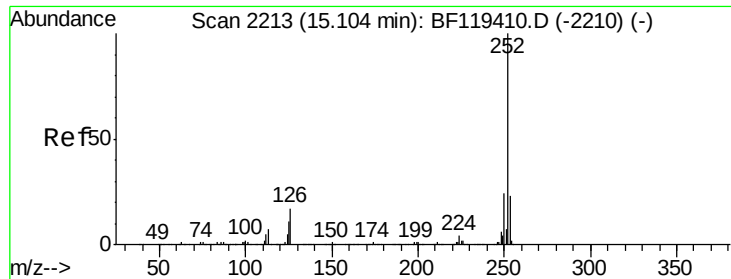
mohammad
4/1/2020 11:55:21 AM



#88
Benzo(b)fluoranthene
Concen: 48.026 ng
RT: 15.06 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	11.2	7.9	11.9





#89

Benzo(k)fluoranthene

Concen: 39.950 ng

RT: 15.09 min Scan# 2211

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

Instrument :

BNA_F

ClientSampleId :

SB-6-(10-12)MS

Tot Ion:252 Resp: 2527107

Ion Ratio Lower Upper

252 100

253 23.1 17.8 26.6

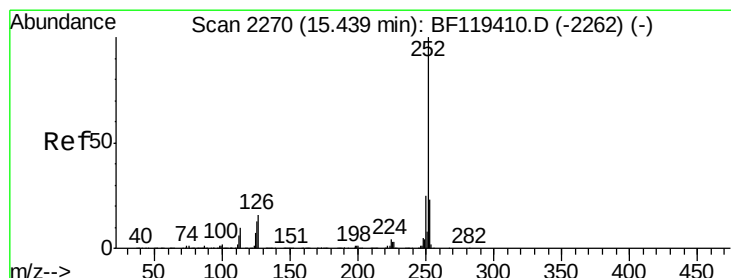
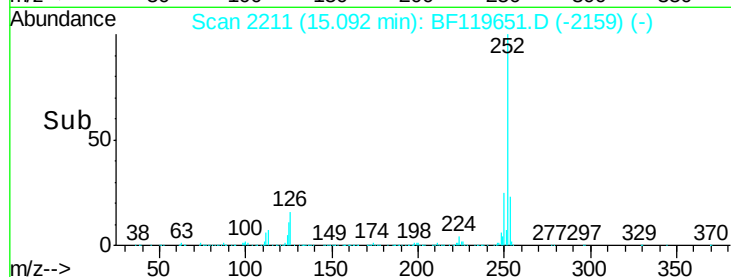
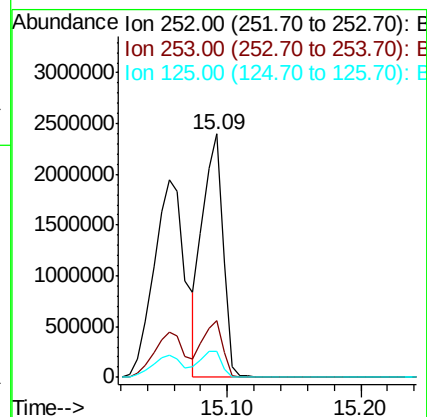
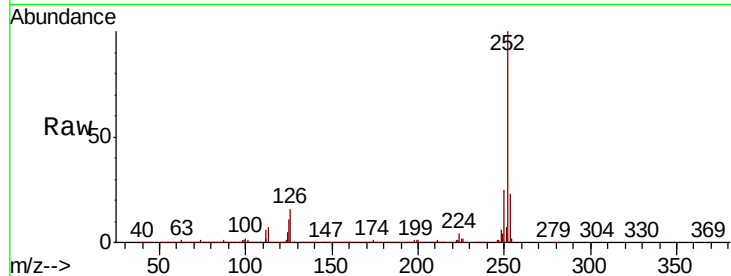
125 10.9 8.4 12.6

Manual Integrations

APPROVED

mohammad

4/1/2020 11:55:21 AM



#90

Benzo(a)pyrene

Concen: 42.983 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF119651.D

Acq: 31 Mar 2020 15:00

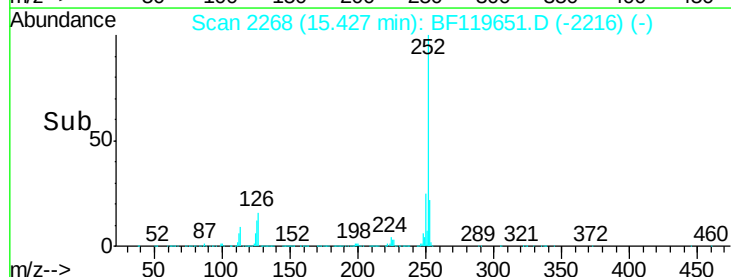
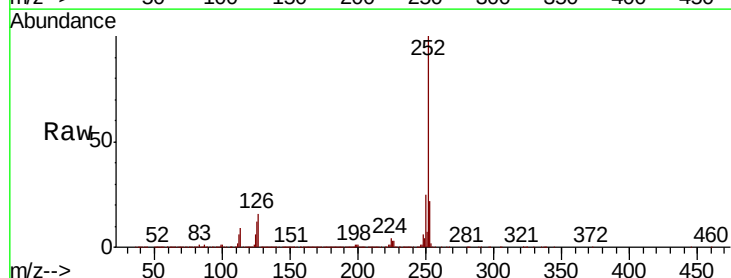
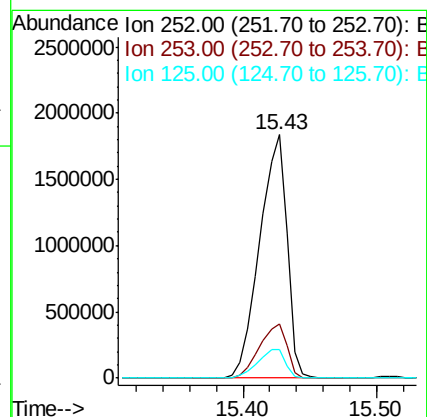
Tgt Ion:252 Resp: 2594958

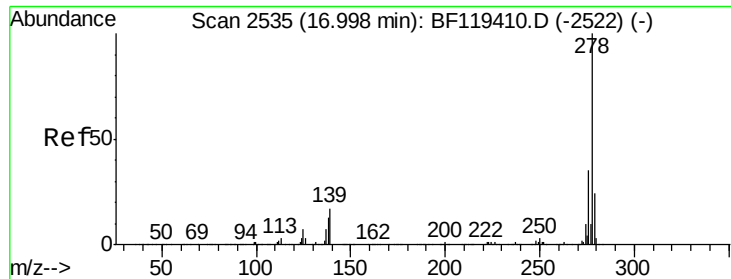
Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

125 12.0 9.4 14.2





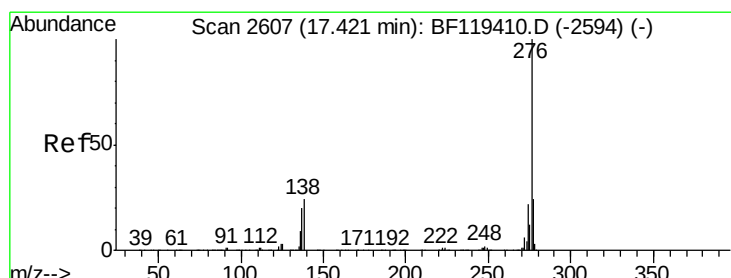
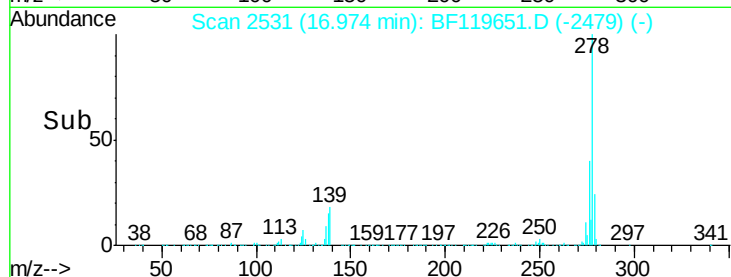
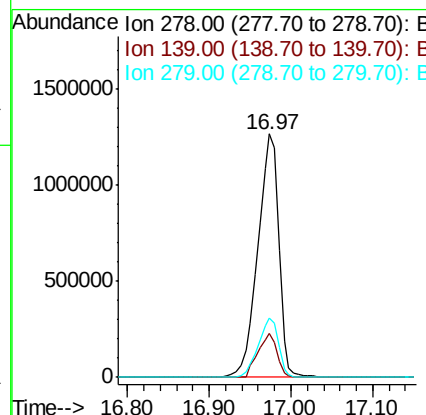
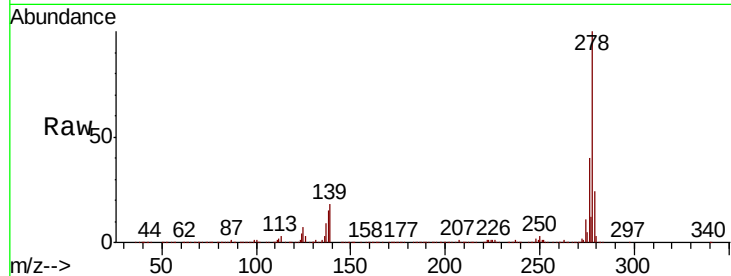
#91
Dibenzo(a,h)anthracene
Concen: 42.973 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Instrument :
BNA_F
ClientSampleId :
SB-6-(10-12)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	17.8	12.6	19.0
279	24.5	19.0	28.6

Manual Integrations
APPROVED

mohammad
4/1/2020 11:55:21 AM



#92
Benzo(g,h,i)perylene
Concen: 41.790 ng
RT: 17.40 min Scan# 2603
Delta R.T. 0.01 min
Lab File: BF119651.D
Acq: 31 Mar 2020 15:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	23.0	15.4	23.0

