

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118730.D
 Acq On : 29 Jan 2020 14:41
 Operator : CG/JU
 Sample : L1289-21MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMS

Manual Integrations
 APPROVED

mohammad
 1/30/2020 10:18:09 AM

Quant Time: Jan 30 00:32:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	307692	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1182750	20.00	ng	-0.01
39) Acenaphthene-d10	9.89	164	661752	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1249050	20.00	ng	-0.01
76) Chrysene-d12	14.01	240	902067	20.00	ng	-0.01
87) Perylene-d12	15.46	264	922597	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1743123	105.22	ng	0.00
7) Phenol-d6	6.49	99	2229999	103.56	ng	0.00
23) Nitrobenzene-d5	7.41	82	1416012	66.97	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	813260	106.25	ng	0.00
45) 2-Fluorobiphenyl	9.21	172	2668607	66.28	ng	-0.01
79) Terphenyl-d14	12.95	244	3146133	76.07	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.69	88	311375	38.804	ng 99
3) Pyridine	3.44	79	801291	35.429	ng 99
4) n-Nitrosodimethylamine	3.38	42	363079	37.446	ng 97
6) Aniline	6.51	93	825731	29.123	ng 99
8) 2-Chlorophenol	6.63	128	947629	50.960	ng 99
9) Benzaldehyde	6.40	77	451633	34.488	ng 100
10) Phenol	6.50	94	1164416	47.451	ng 97
11) bis(2-Chloroethyl)ether	6.59	93	838189	46.038	ng 97
12) 1,3-Dichlorobenzene	6.79	146	985227	45.267	ng 99
13) 1,4-Dichlorobenzene	6.87	146	996692	45.619	ng 99
14) 1,2-Dichlorobenzene	7.02	146	945277	46.025	ng 99
15) Benzyl Alcohol	6.99	79	783679	45.893	ng 100
16) 2,2'-oxybis(1-Chloropropan	7.13	45	981723	38.712	ng 98
17) 2-Methylphenol	7.10	107	757355	48.895	ng 99
18) Hexachloroethane	7.36	117	349102	44.065	ng 98
19) n-Nitroso-di-n-propylamine	7.27	70	601357	41.360	ng 96
20) 3+4-Methylphenols	7.26	107	876756	46.362	ng 92
22) Acetophenone	7.26	105	1158292	41.341	ng 95
24) Nitrobenzene	7.43	77	922089	42.588	ng 99
25) Isophorone	7.67	82	1705394	44.217	ng 99
26) 2-Nitrophenol	7.75	139	514450	55.718	ng 98
27) 2,4-Dimethylphenol	7.79	122	802893	50.358	ng 99
28) bis(2-Chloroethoxy)methane	7.88	93	1038113	41.773	ng 99
29) 2,4-Dichlorophenol	7.99	162	817385	46.376	ng 98
30) 1,2,4-Trichlorobenzene	8.07	180	907105	44.387	ng 100
31) Naphthalene	8.16	128	2522589	47.214	ng 100
32) Benzoic acid	7.92	122	540226	45.147	ng 99
33) 4-Chloroaniline	8.20	127	311464	12.613	ng 97
34) Hexachlorobutadiene	8.27	225	529099	42.514	ng 99
35) Caprolactam	8.57	113	274444m	47.581	ng
36) 4-Chloro-3-methylphenol	8.69	107	839227	48.218	ng 98
37) 2-Methylnaphthalene	8.85	142	1787866	47.407	ng 99
38) 1-Methylnaphthalene	8.95	142	1691867	47.220	ng 100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	862636	41.662	ng 99

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
 Data File : BF118730.D
 Acq On : 29 Jan 2020 14:41
 Operator : CG/JU
 Sample : L1289-21MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMS

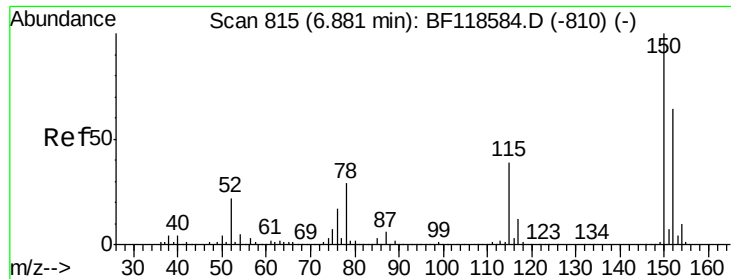
Manual Integrations
 APPROVED

mohammad
 1/30/2020 10:18:09 AM

Quant Time: Jan 30 00:32:17 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 27 14:24:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	912696	87.367	nq	99
43) 2,4,6-Trichlorophenol	9.12	196	630236	45.869	nq	98
44) 2,4,5-Trichlorophenol	9.16	196	657818	46.878	nq	99
46) 1,1'-Biphenyl	9.31	154	2112013	46.308	nq	99
47) 2-Chloronaphthalene	9.33	162	1726904	44.923	nq	99
48) 2-Nitroaniline	9.43	65	489149	41.394	nq	96
49) Acenaphthylene	9.75	152	2641156	48.838	nq	99
50) Dimethylphthalate	9.62	163	2436095	56.503	nq	99
51) 2,6-Dinitrotoluene	9.67	165	496022	51.378	nq	96
52) Acenaphthene	9.92	154	1791105	49.530	nq	99
53) 3-Nitroaniline	9.83	138	264913	24.030	nq	97
54) 2,4-Dinitrophenol	9.95	184	424758	110.204	nq	92
55) Dibenzofuran	10.10	168	2395378	47.799	nq	97
56) 4-Nitrophenol	10.00	139	806788	96.945	nq	98
57) 2,4-Dinitrotoluene	10.07	165	655396	53.850	nq	98
58) Fluorene	10.44	166	1791718	45.543	nq	99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	577199	46.765	nq	100
60) Diethylphthalate	10.31	149	1973776	47.217	nq	100
61) 4-Chlorophenyl-phenylether	10.43	204	958308	44.787	nq	96
62) 4-Nitroaniline	10.46	138	485058	42.895	nq	93
63) Azobenzene	10.59	77	1746885	43.150	nq	98
65) 4,6-Dinitro-2-methylphenol	10.49	198	339259	61.769	nq	96
66) n-Nitrosodiphenylamine	10.55	169	1715546	45.543	nq	99
67) 4-Bromophenyl-phenylether	10.92	248	670012	43.418	nq	97
68) Hexachlorobenzene	10.99	284	762324	43.573	nq	97
69) Atrazine	11.07	200	618557	47.377	nq	99
70) Pentachlorophenol	11.18	266	799758	82.219	nq	100
71) Phenanthrene	11.40	178	2722106	45.173	nq	99
72) Anthracene	11.45	178	2810858	47.141	nq	99
73) Carbazole	11.60	167	2518056	46.041	nq	100
74) Di-n-butylphthalate	11.93	149	2910413	47.897	nq	100
75) Fluoranthene	12.58	202	2959802	46.570	nq	98
77) Benzidine	12.70	184	1522284	63.159	nq	99
78) Pyrene	12.82	202	2974957	48.577	nq	99
80) Butylbenzylphthalate	13.43	149	1296430	51.725	nq	96
81) Benzo(a)anthracene	14.00	228	2495218	45.983	nq	98
82) 3,3'-Dichlorobenzidine	13.96	252	582702	30.136	nq	99
83) Chrysene	14.04	228	2474452	47.579	nq	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1678923	54.828	nq	98
85) Di-n-octyl phthalate	14.60	149	2758104	60.851	nq	100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2669115	59.066	nq	100
88) Benzo(b)fluoranthene	15.04	252	2544863	43.883	nq	100
89) Benzo(k)fluoranthene	15.07	252	2314649	43.082	nq	100
90) Benzo(a)pyrene	15.41	252	2218219	44.342	nq	99
91) Dibenzo(a,h)anthracene	16.94	278	2188136	49.449	nq	98
92) Benzo(g,h,i)perylene	17.37	276	2250736	52.385	nq	100

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



#1

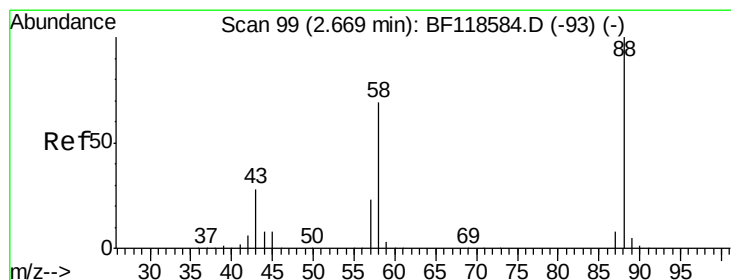
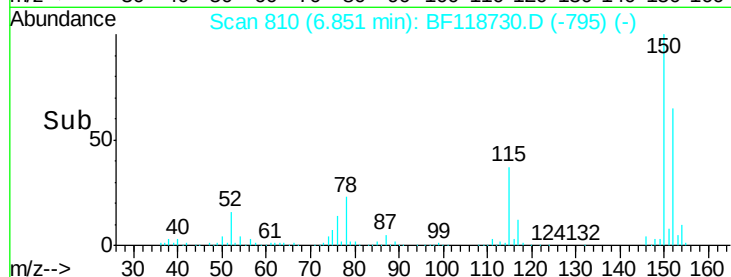
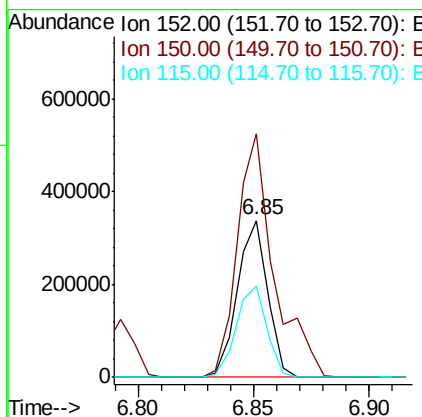
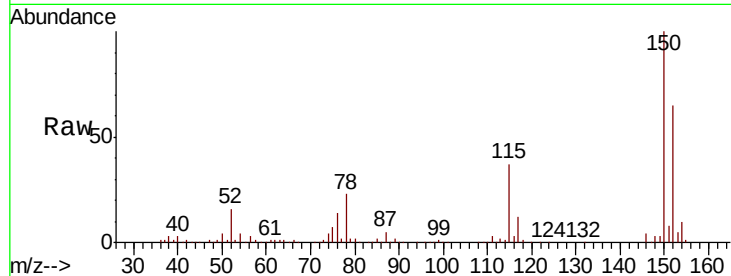
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	154.9	123.7	185.5
115	57.7	45.1	67.7

Manual Integrations
APPROVED

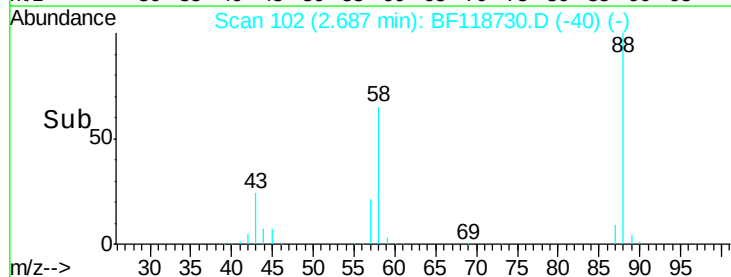
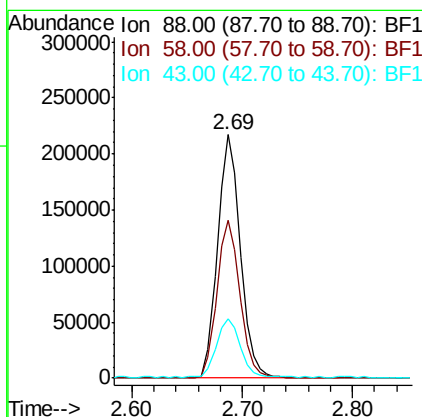
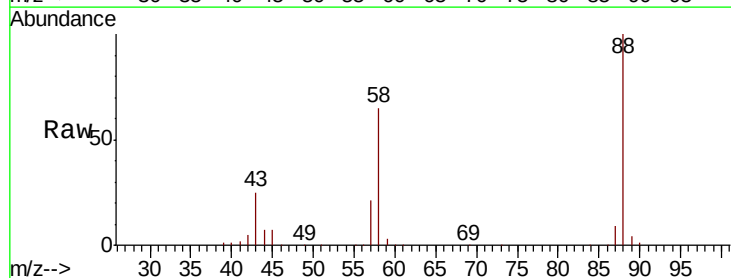
mohammad
1/30/2020 10:18:09 AM

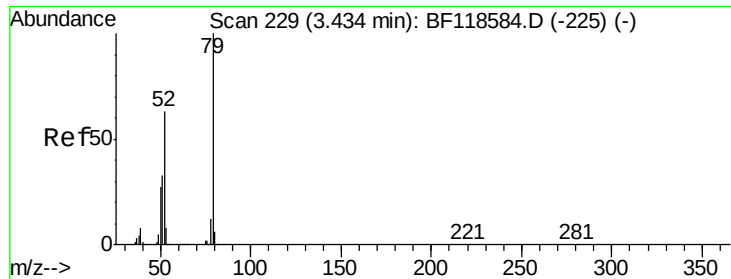


#2

1,4-Dioxane
Concen: 38.804 ng
RT: 2.69 min Scan# 102
Delta R.T. 0.06 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	65.4	51.9	77.9
43	24.7	19.3	28.9





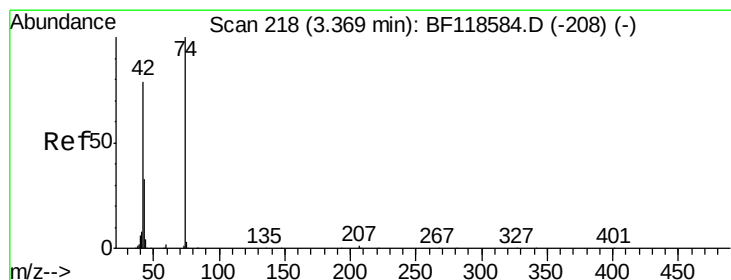
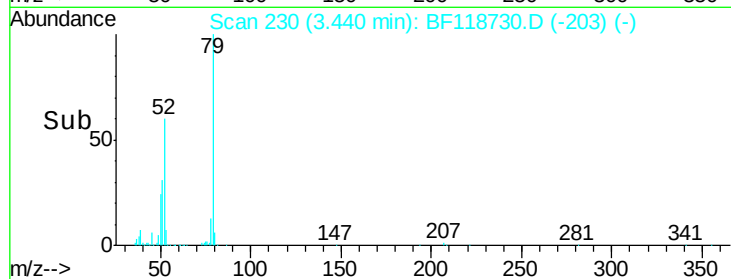
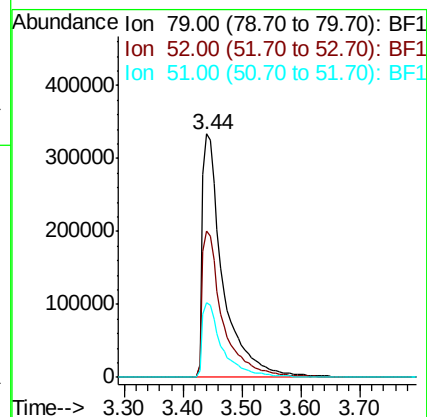
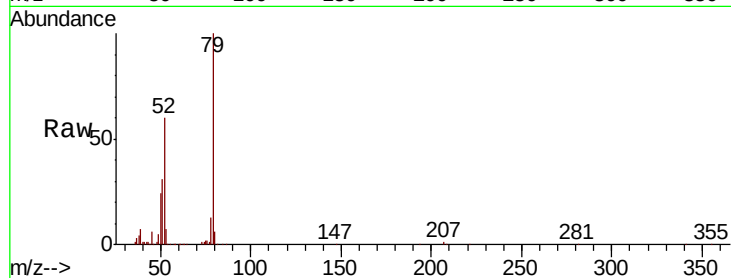
#3
 Pvridine
 Concen: 35.429 ng
 RT: 3.44 min Scan# 230
 Delta R.T. 0.06 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
52	59.9	48.8	73.2
51	30.5	24.4	36.6

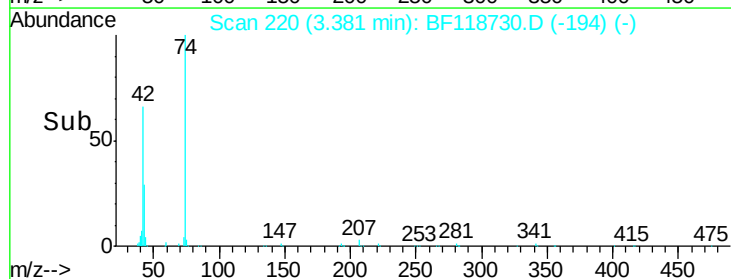
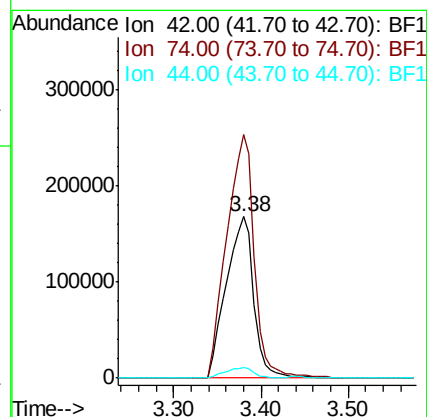
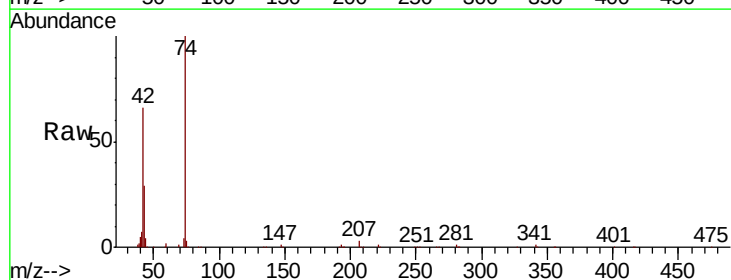
Manual Integrations
 APPROVED

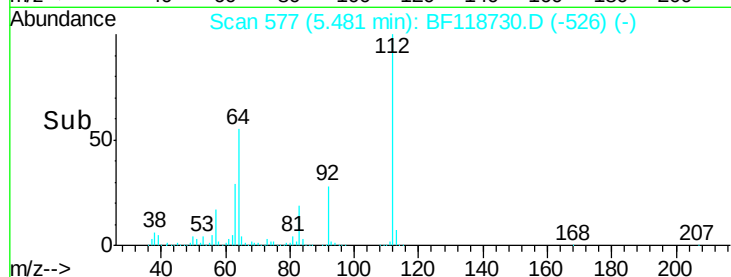
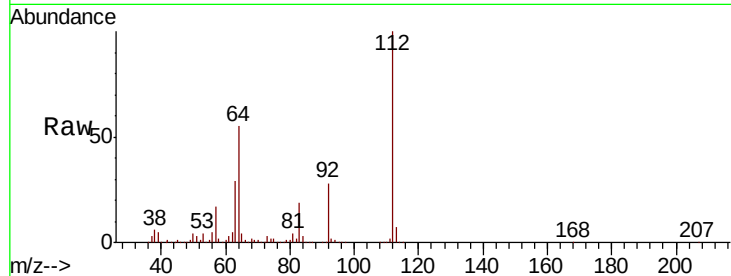
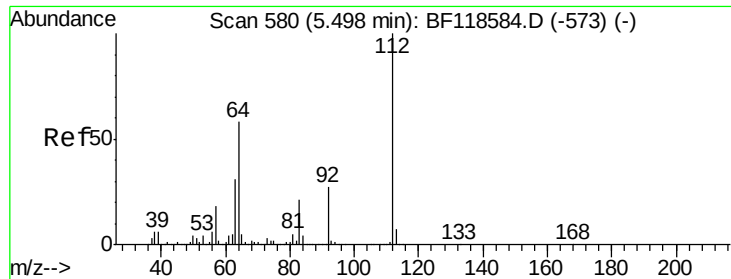
mohammad
 1/30/2020 10:18:09 AM



#4
 n-Nitrosodimethylamine
 Concen: 37.446 ng
 RT: 3.38 min Scan# 220
 Delta R.T. 0.05 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
42	100		
74	150.8	123.5	185.3
44	6.3	5.6	8.4





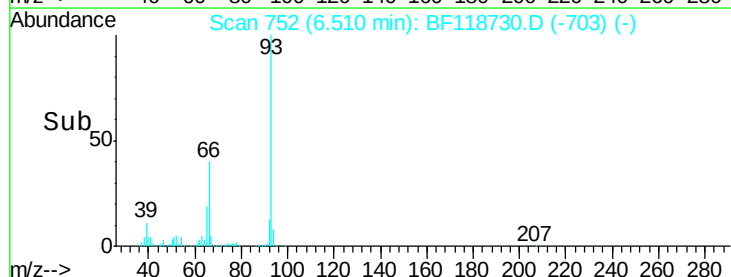
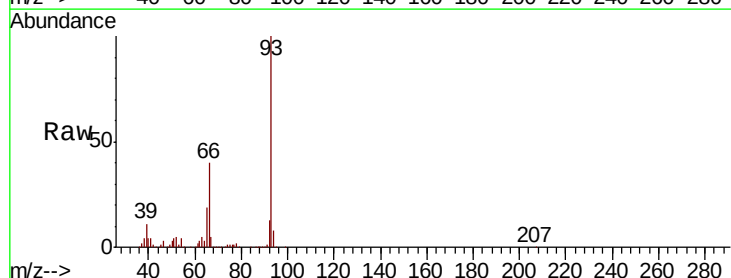
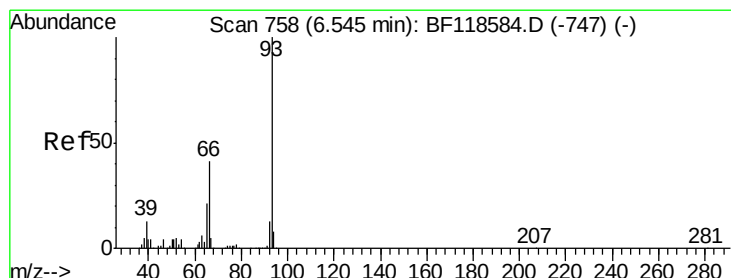
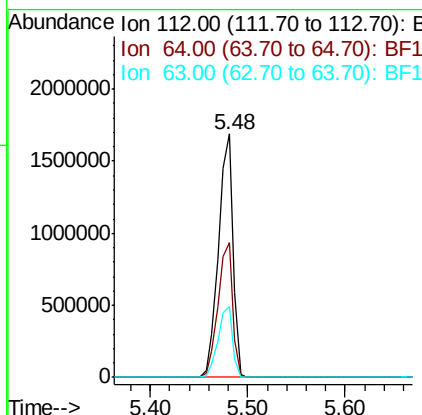
#5
2-Fluorophenol
Concen: 105.216 ng
RT: 5.48 min Scan# 577
Delta R.T. -0.00 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tot Ion: 112 Resp: 1743123
Ion Ratio Lower Upper
112 100
64 55.3 42.4 63.6
63 29.0 21.7 32.5

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

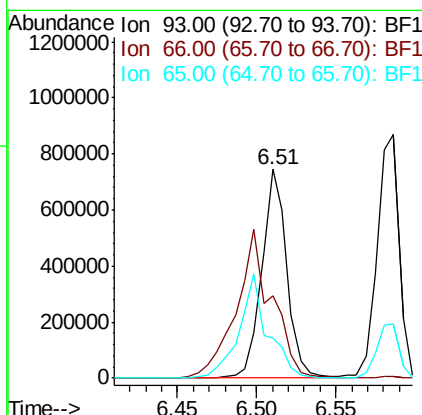
Manual Integrations
APPROVED

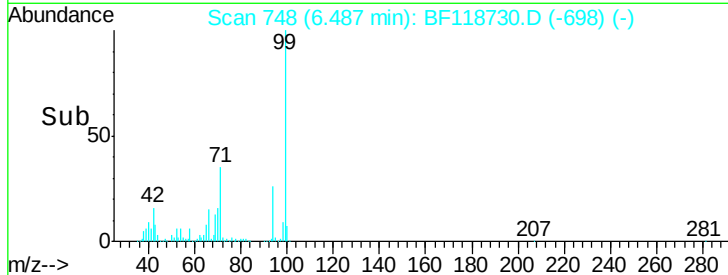
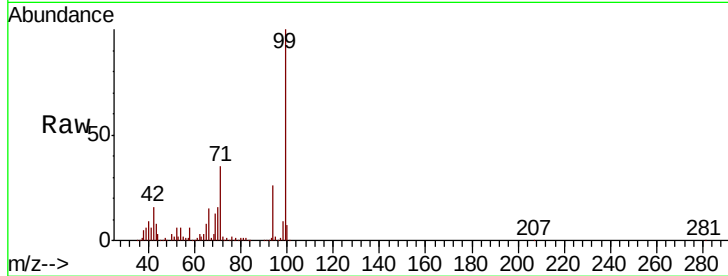
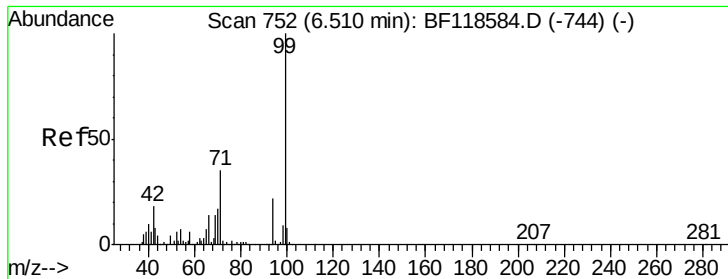
mohammad
1/30/2020 10:18:09 AM



#6
Aniline
Concen: 29.123 ng
RT: 6.51 min Scan# 752
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion: 93 Resp: 825731
Ion Ratio Lower Upper
93 100
66 39.7 31.3 46.9
65 19.4 15.3 22.9





#7

Phenol-d6

Concen: 103.562 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF118730.D

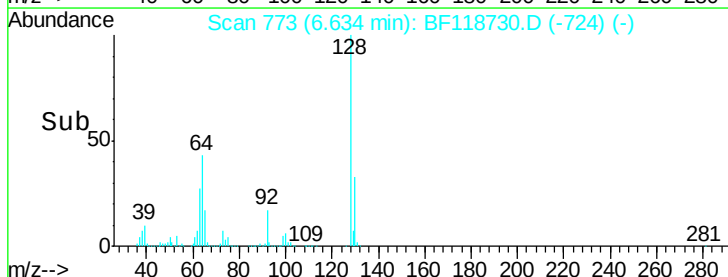
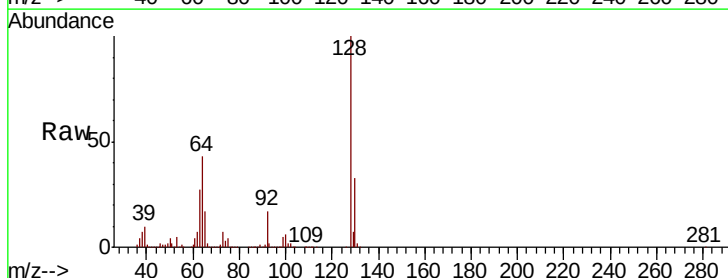
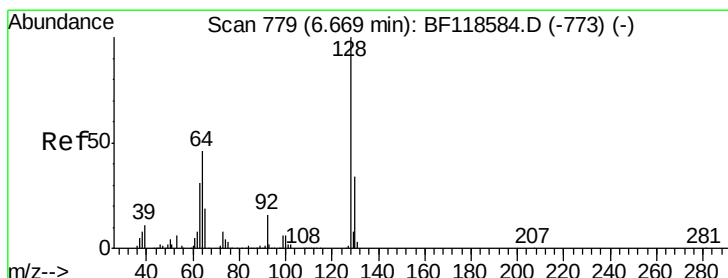
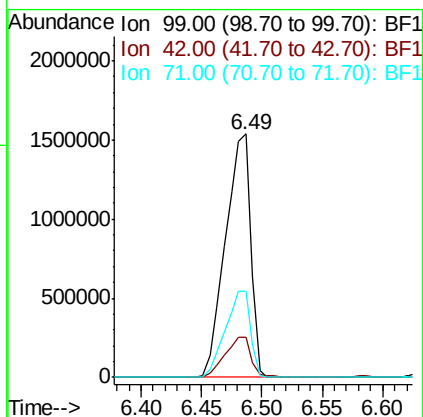
Acq: 29 Jan 2020 14:41

Tot Ion:	99	Resp:	2229999
Ion	Ratio	Lower	Upper
99	100		
42	16.4	13.1	19.7
71	35.3	28.4	42.6

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM



#8

2-Chlorophenol

Concen: 50.960 ng

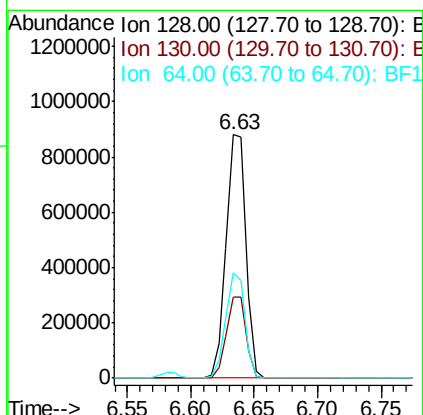
RT: 6.63 min Scan# 773

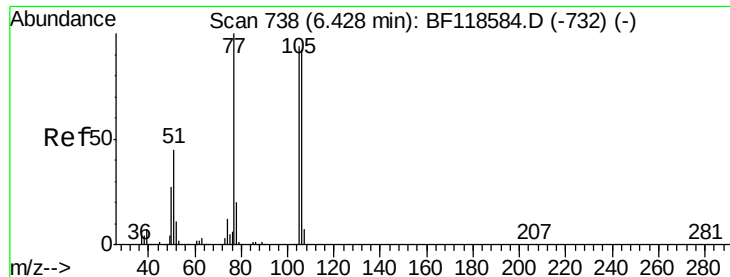
Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Tgt Ion:	128	Resp:	947629
Ion	Ratio	Lower	Upper
128	100		
130	33.1	12.8	52.8
64	43.4	24.5	64.5





#9

Benzaldehyde

Concen: 34.488 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

TP-32-33-COMPMS

Tot Ion: 77 Resp: 451633

Ion Ratio Lower Upper

77 100

105 104.9 84.3 124.3

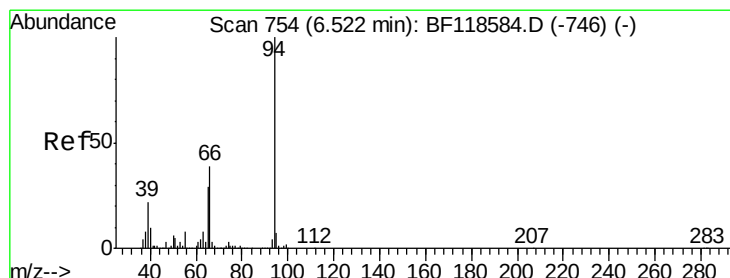
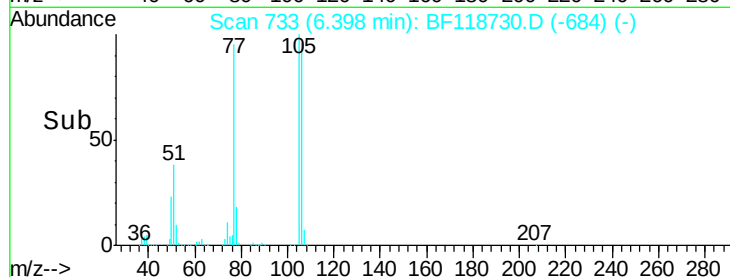
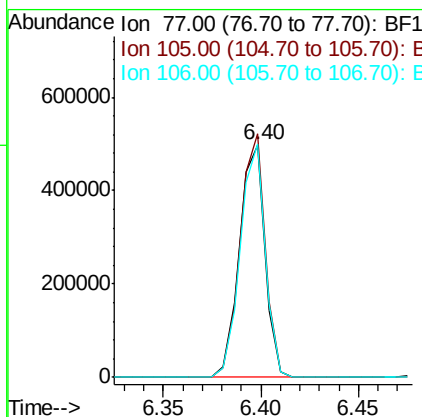
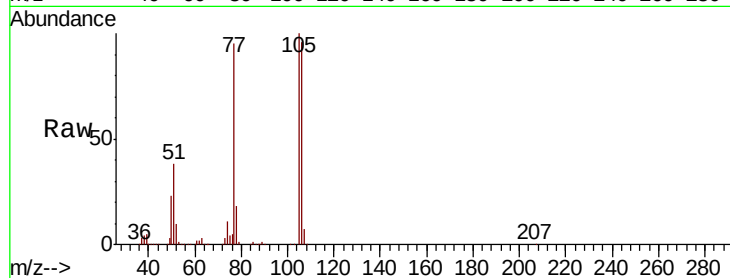
106 100.4 80.4 120.4

Manual Integrations

APPROVED

mohammad

1/30/2020 10:18:09 AM



#10

Phenol

Concen: 47.451 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

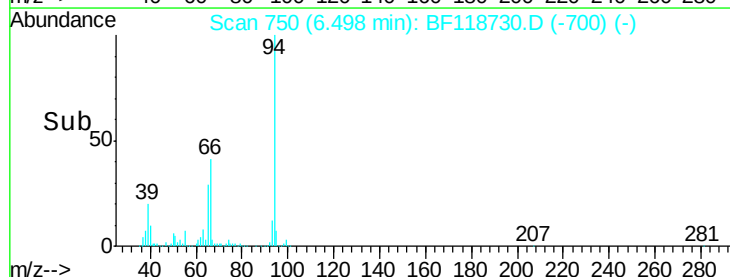
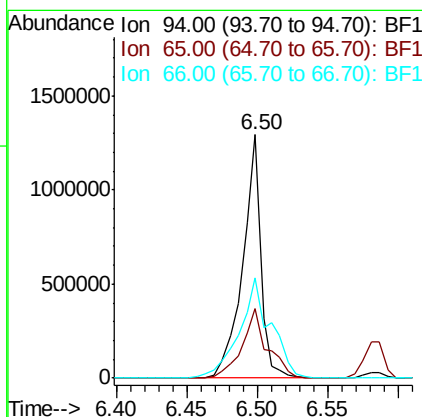
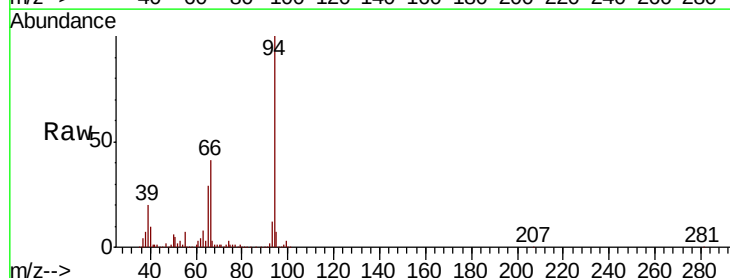
Tgt Ion: 94 Resp: 1164416

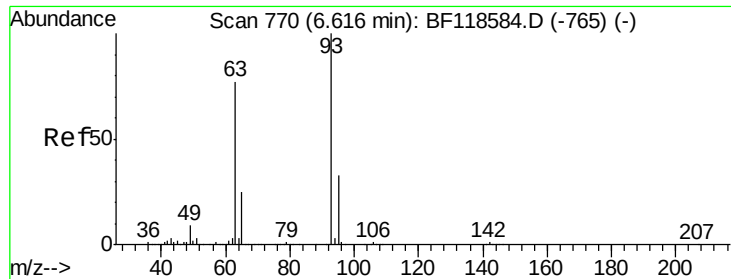
Ion Ratio Lower Upper

94 100

65 28.8 7.9 47.9

66 41.2 19.1 59.1





#11

bis(2-Chloroethyl)ether

Concen: 46.038 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

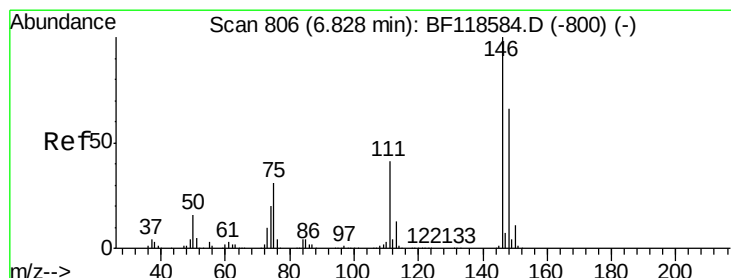
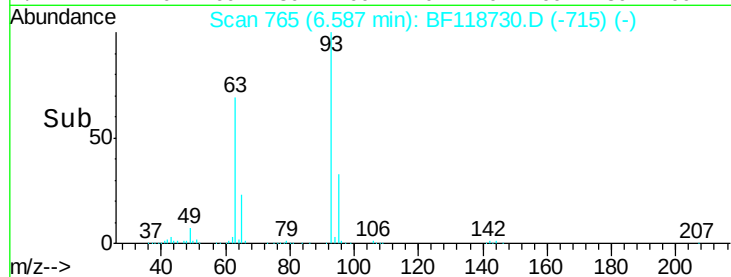
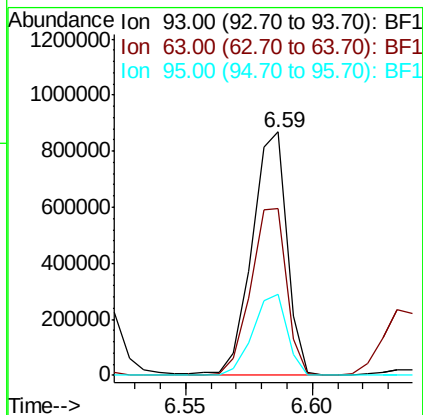
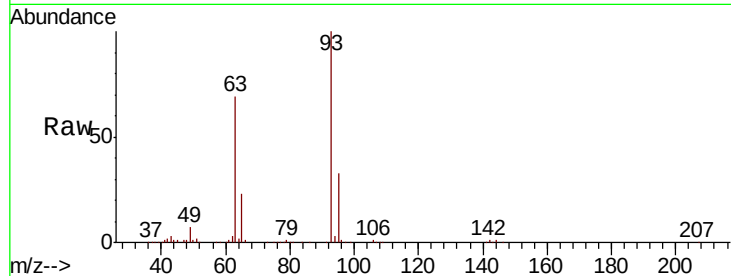
ClientSampleId :

TP-32-33-COMPMS

Tot Ion:	93	Resp:	838189
Ion Ratio	Lower	Upper	
93	100		
63	68.6	52.1	92.1
95	33.3	13.2	53.2

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM



#12

1,3-Dichlorobenzene

Concen: 45.267 ng

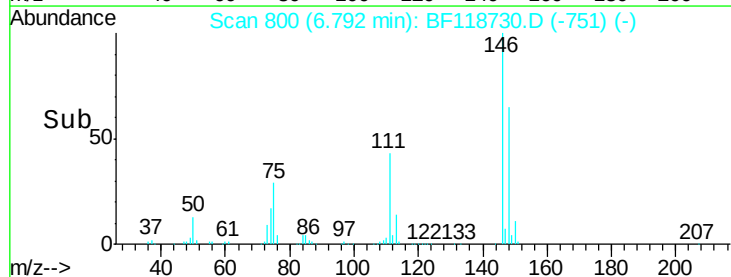
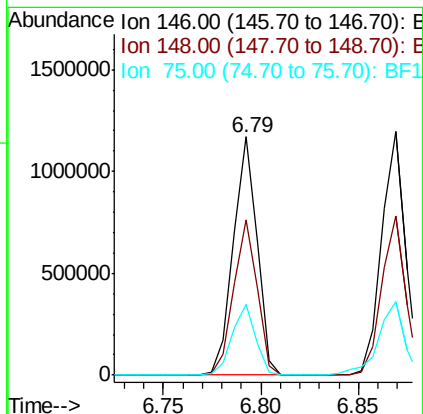
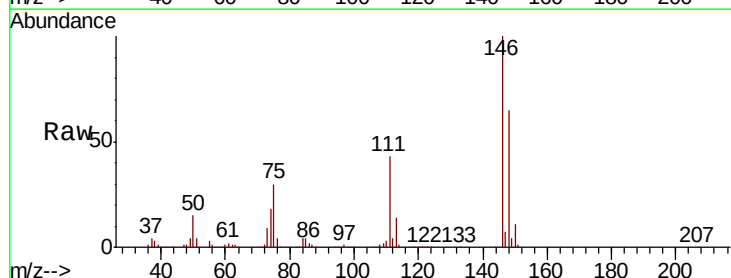
RT: 6.79 min Scan# 800

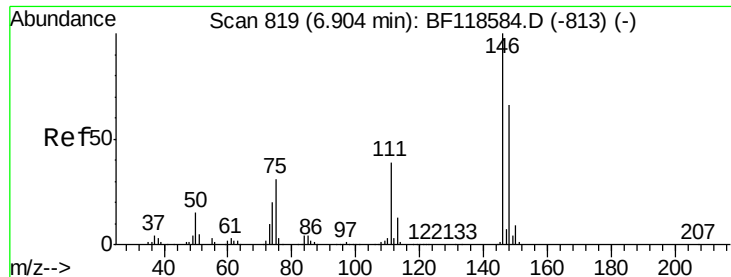
Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Tgt Ion:	146	Resp:	985227
Ion Ratio	Lower	Upper	
146	100		
148	65.4	52.2	78.4
75	29.7	23.1	34.7





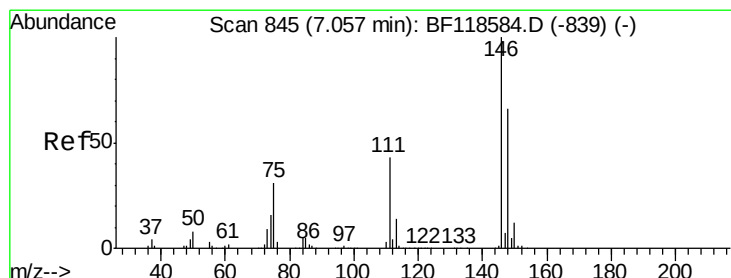
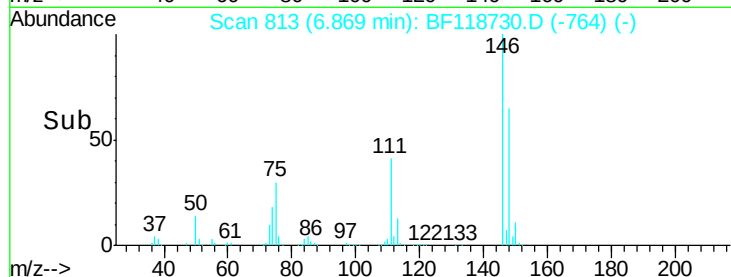
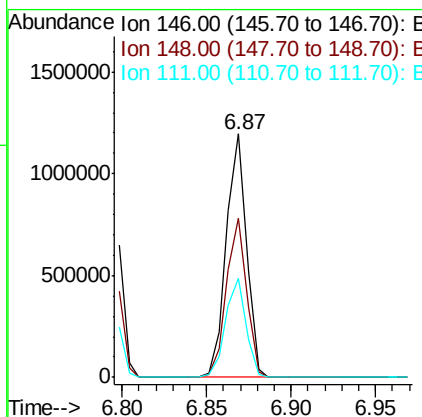
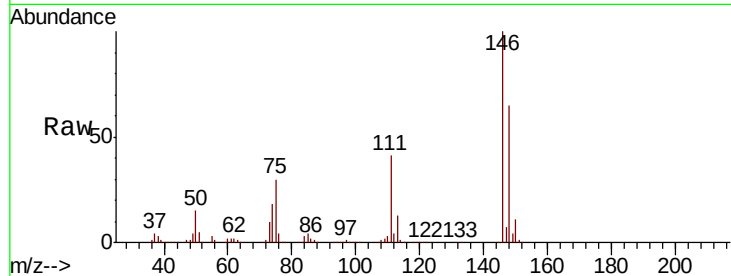
#13
 1,4-Dichlorobenzene
 Concen: 45.619 ng
 RT: 6.87 min Scan# 813
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.3	51.5	77.3
111	40.5	31.8	47.6

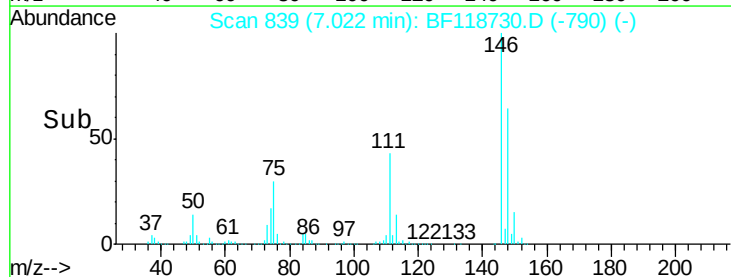
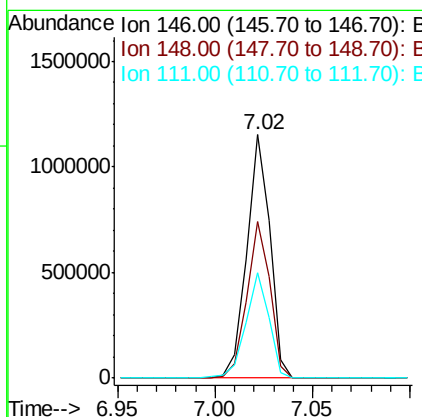
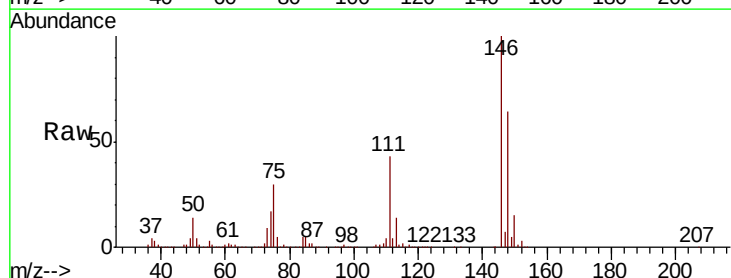
Manual Integrations
 APPROVED

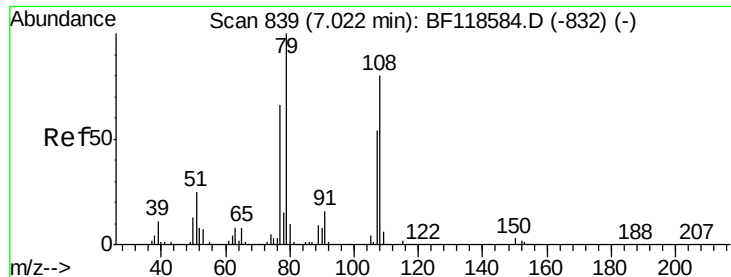
mohammad
 1/30/2020 10:18:09 AM



#14
 1,2-Dichlorobenzene
 Concen: 46.025 ng
 RT: 7.02 min Scan# 839
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.7	77.5
111	43.2	35.3	52.9





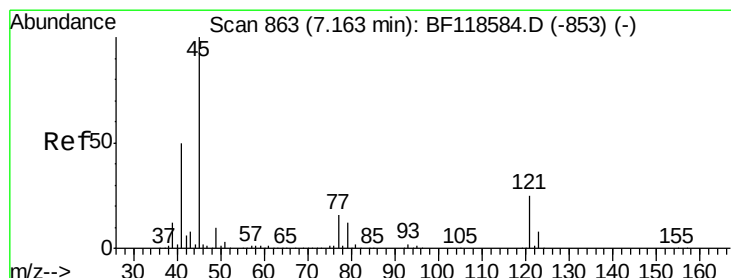
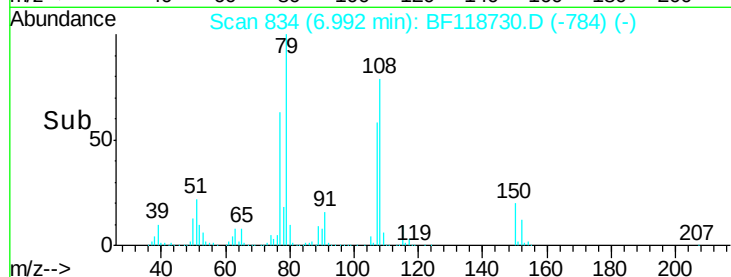
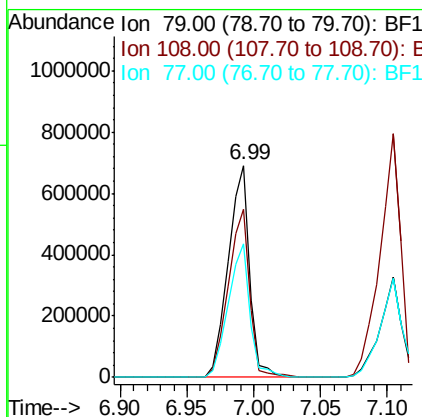
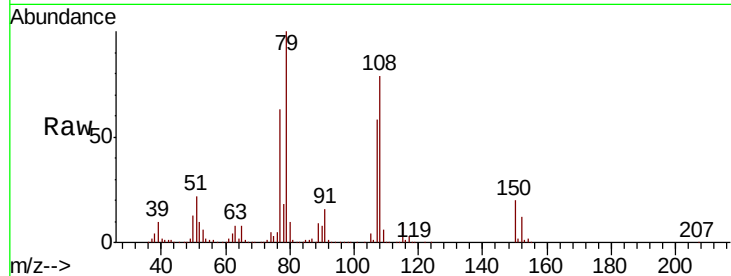
#15
Benzyl Alcohol
Concen: 45.893 ng
RT: 6.99 min Scan# 834
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
79	100		
108	79.5	63.4	95.2
77	62.8	49.8	74.6

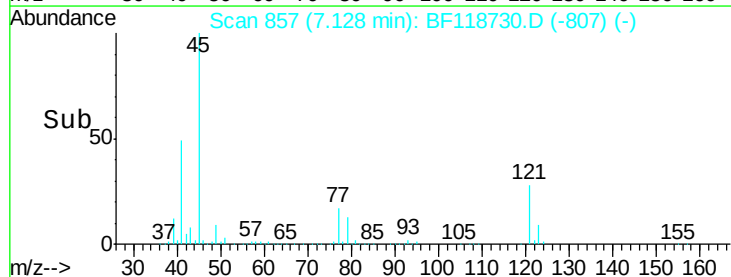
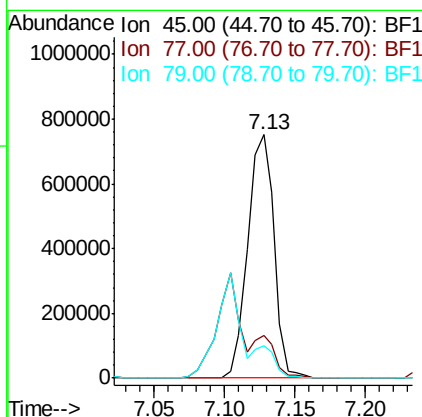
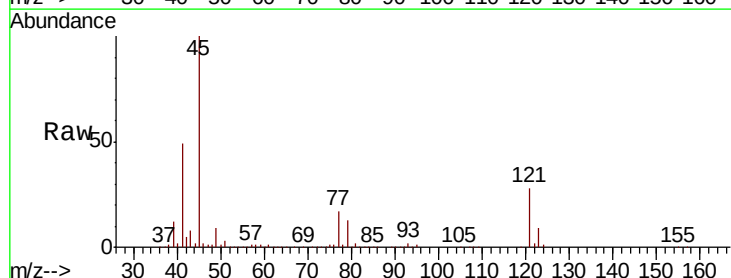
Manual Integrations
APPROVED

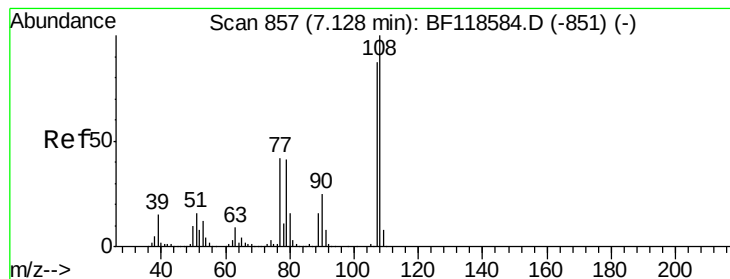
mohammad
1/30/2020 10:18:09 AM



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.712 ng
RT: 7.13 min Scan# 857
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
45	100		
77	17.5	0.0	36.9
79	13.5	0.0	32.5





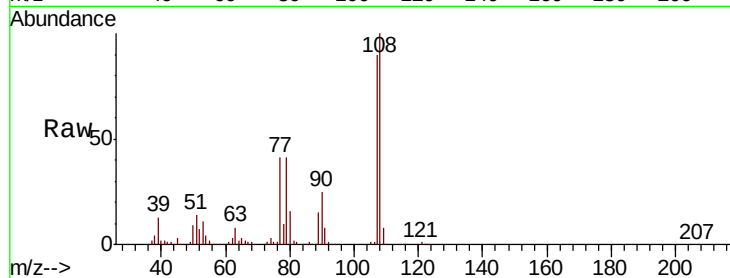
#17
2-Methylphenol
Concen: 48.895 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	110.5	88.0	132.0	
77	45.1	35.3	52.9	
79	45.3	35.4	53.2	

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM



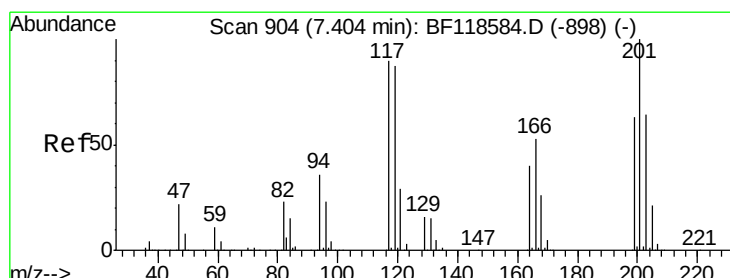
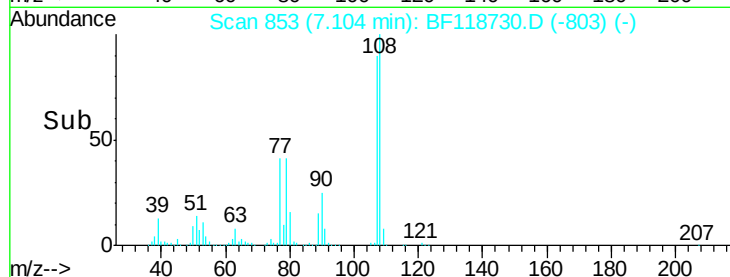
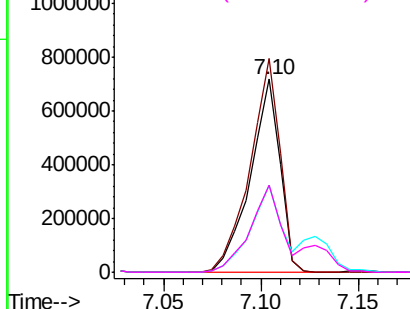
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

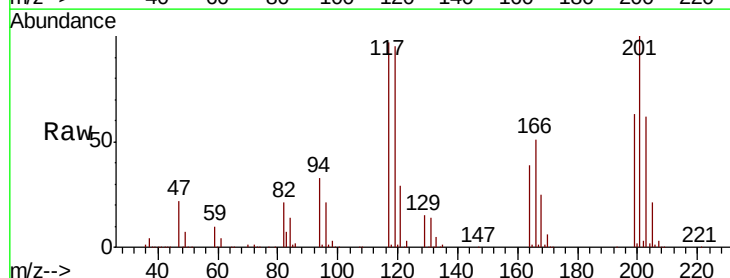
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 44.065 ng
RT: 7.36 min Scan# 897
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	97.6	76.2	114.2	
201	103.1	83.3	124.9	

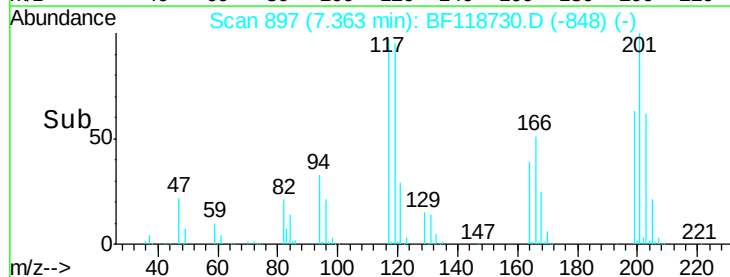
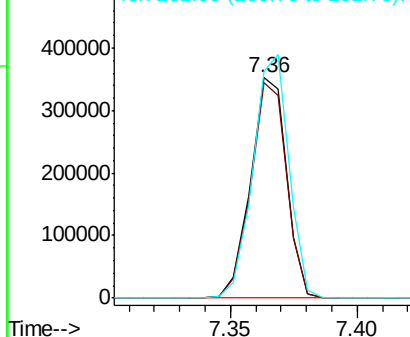


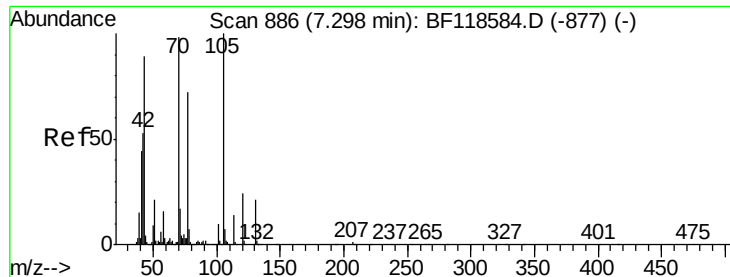
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





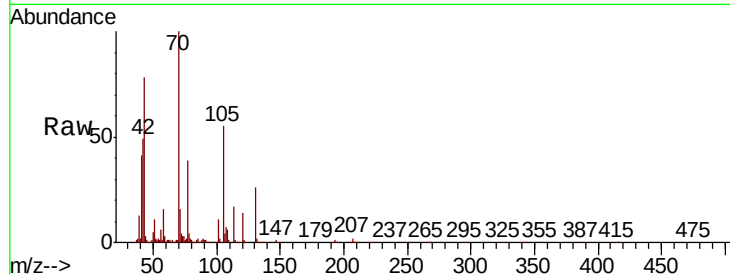
#19
n-Nitroso-di-n-propylamine
Concen: 41.360 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
70	100		
42	49.0	41.6	62.4
101	10.6	7.9	11.9
130	26.0	19.0	28.6

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM



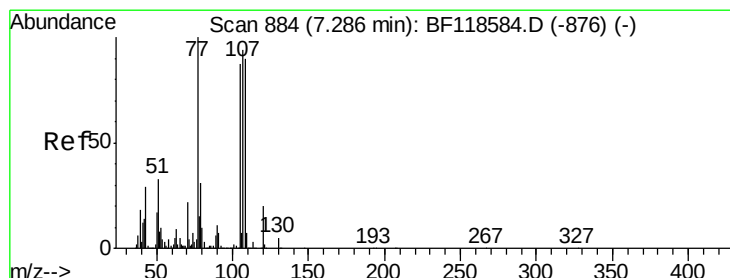
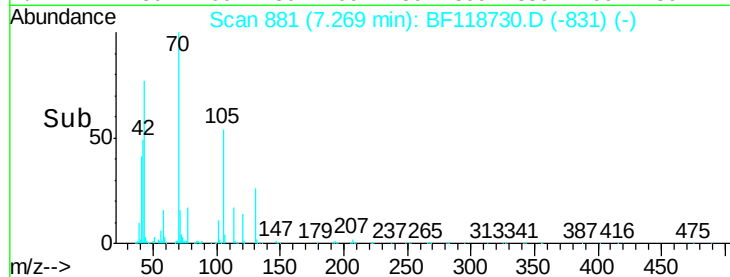
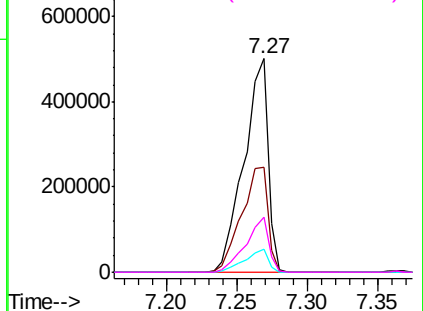
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 46.362 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
107	100		
108	91.5	67.5	107.5
77	106.6	73.6	113.6
79	31.5	9.3	49.3

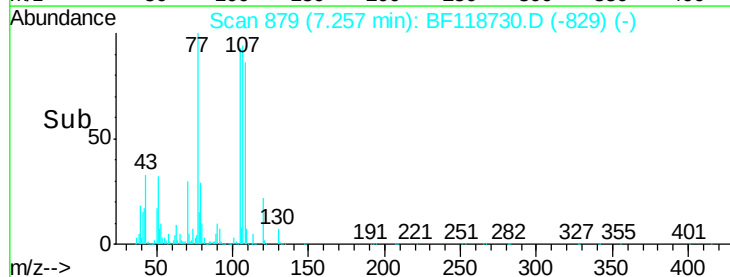
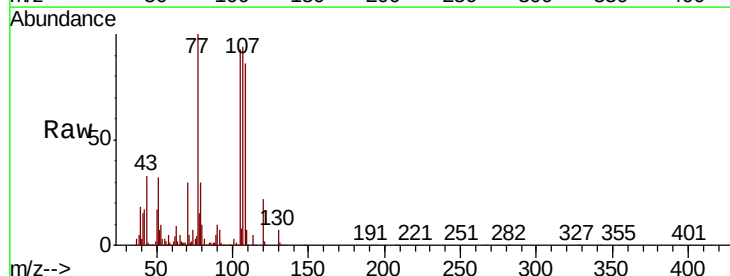
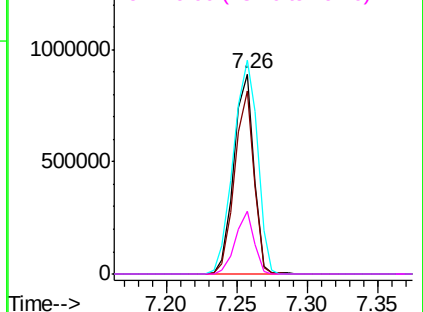
Abundance

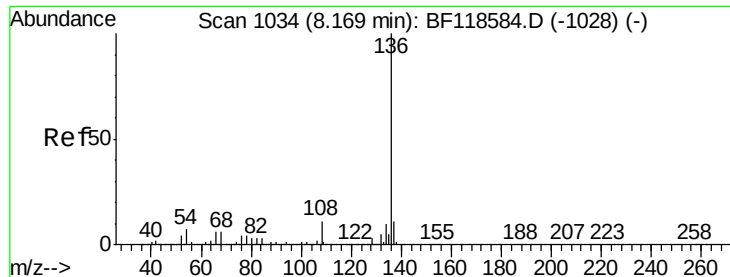
Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





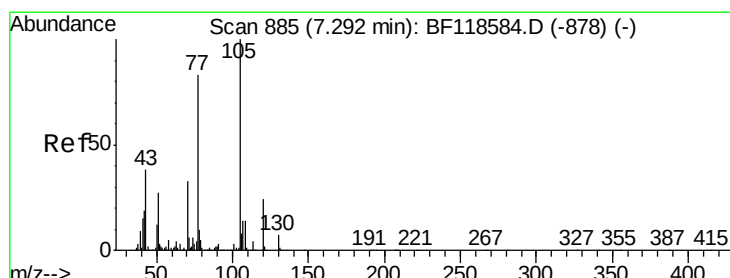
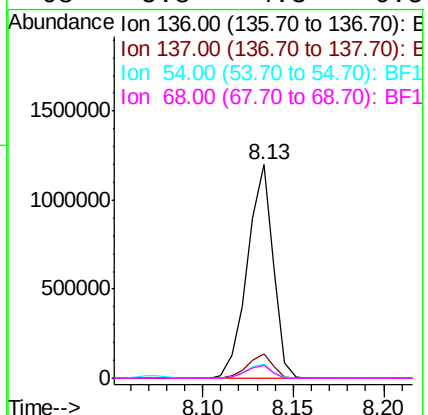
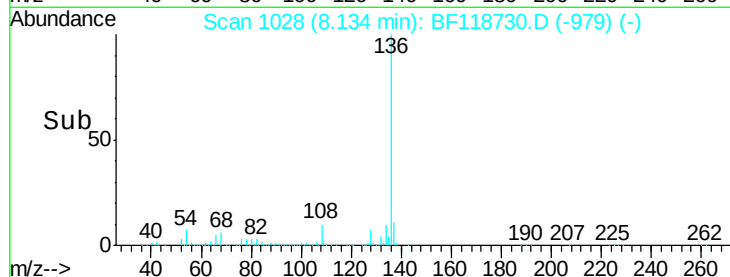
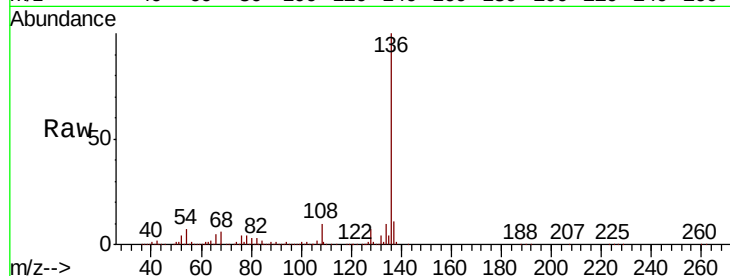
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.13 min Scan# 1028
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		1182750		
137	11.2	8.9	13.3		
54	6.6	5.1	7.7		
68	5.8	4.3	6.5		

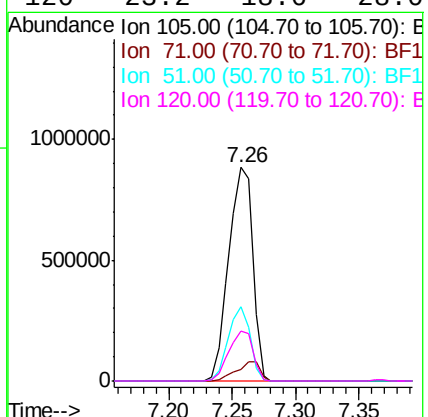
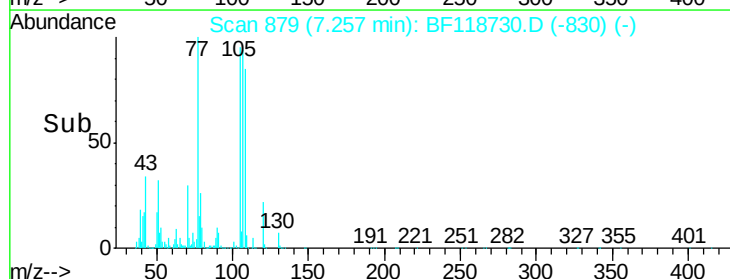
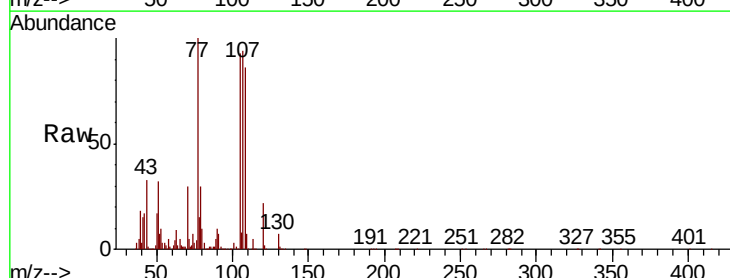
Manual Integrations
APPROVED

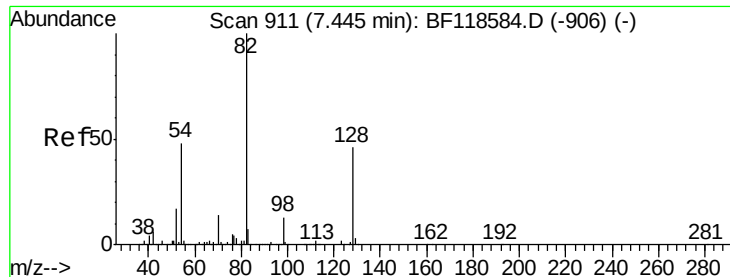
mohammad
1/30/2020 10:18:09 AM



#22
Acetophenone
Concen: 41.341 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		1158292		
71	5.4	4.3	6.5		
51	35.0	23.5	35.3		
120	23.2	18.6	28.0		





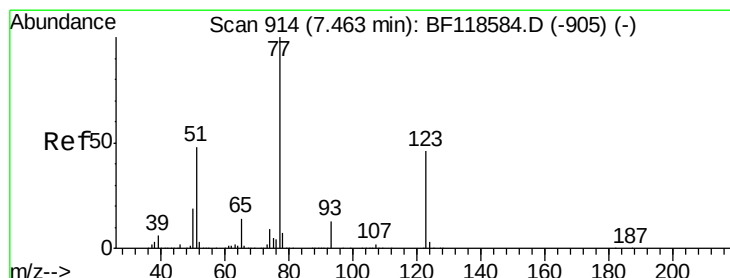
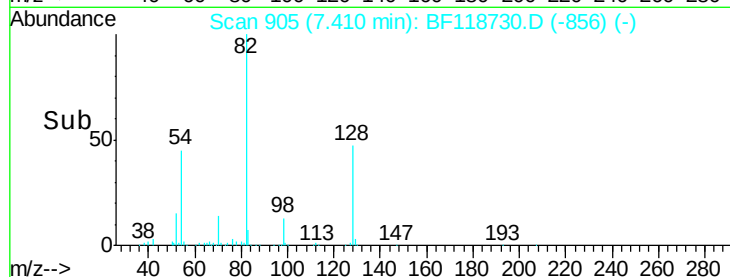
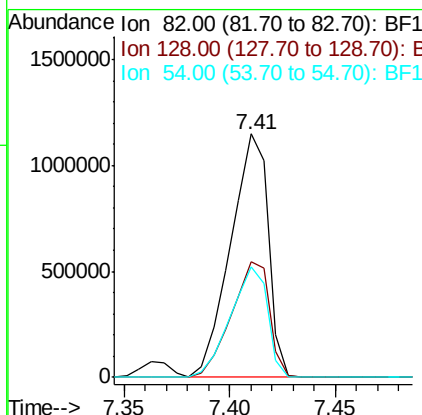
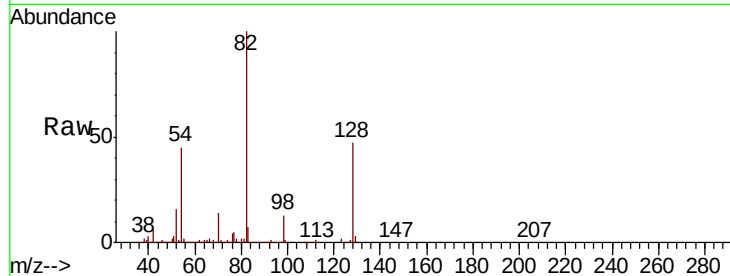
#23
Nitrobenzene-d5
Concen: 66.965 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.4	38.2	57.2
54	45.3	36.1	54.1

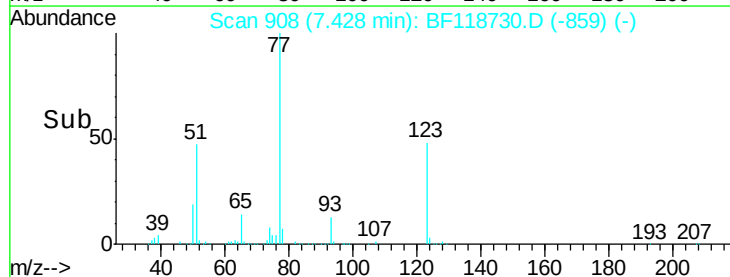
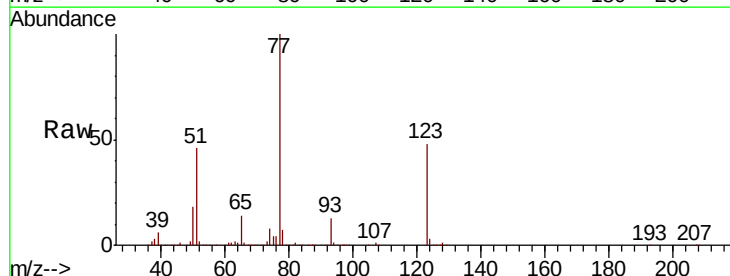
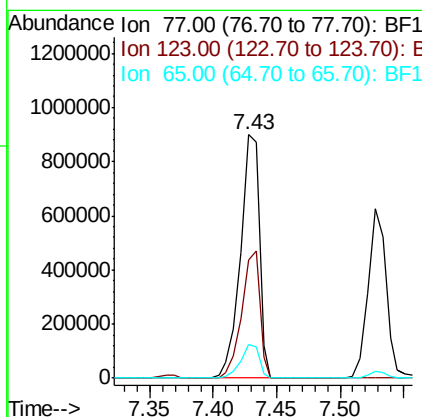
Manual Integrations
APPROVED

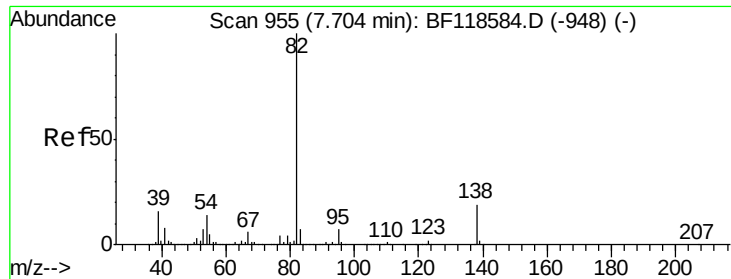
mohammad
1/30/2020 10:18:09 AM



#24
Nitrobenzene
Concen: 42.588 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.4	39.2	58.8
65	13.7	10.6	15.8





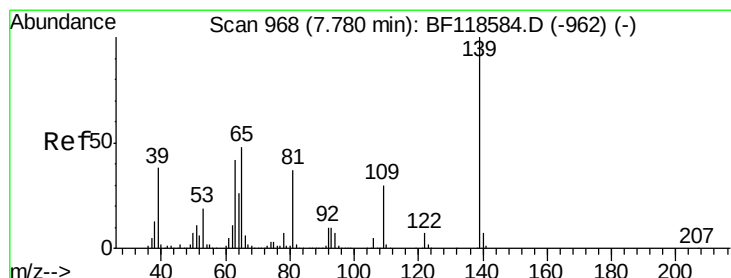
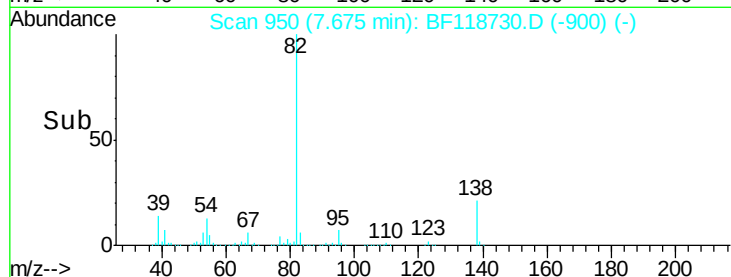
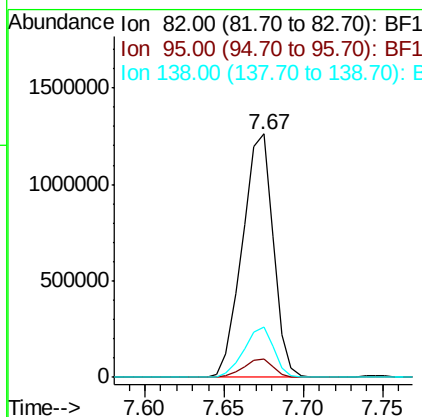
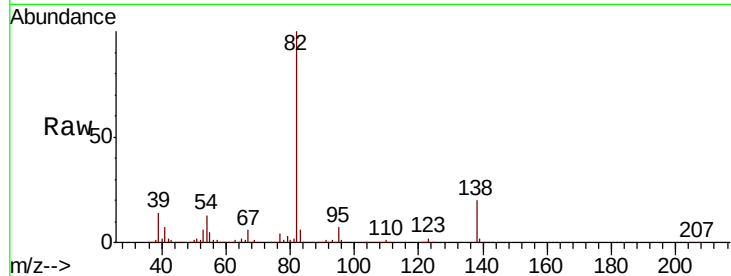
#25
Isophorone
Concen: 44.217 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	82	Resp	1705394
Ion Ratio	Lower	Upper	
82	100		
95	7.4	5.8	8.8
138	20.5	15.8	23.8

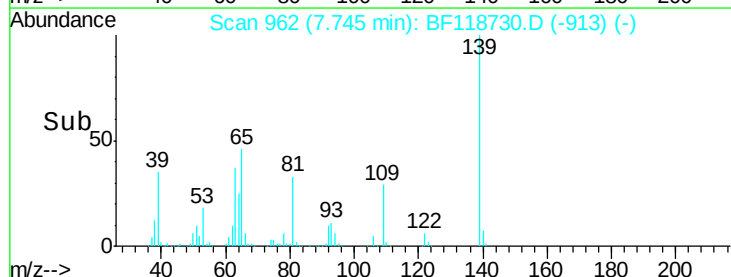
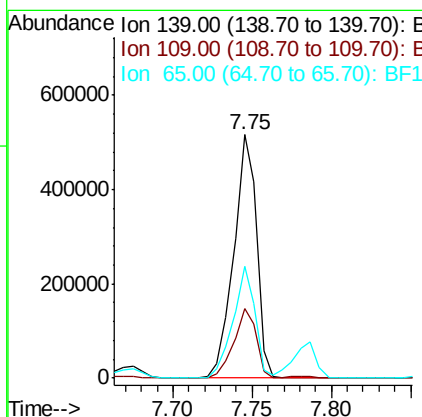
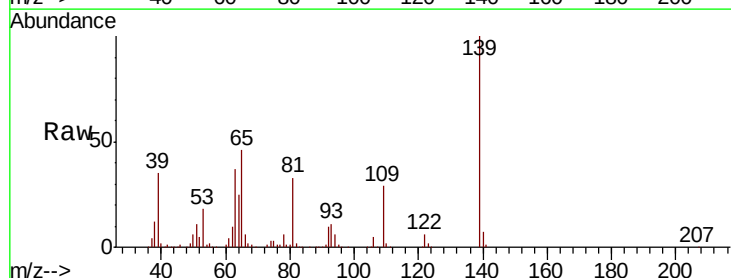
Manual Integrations
APPROVED

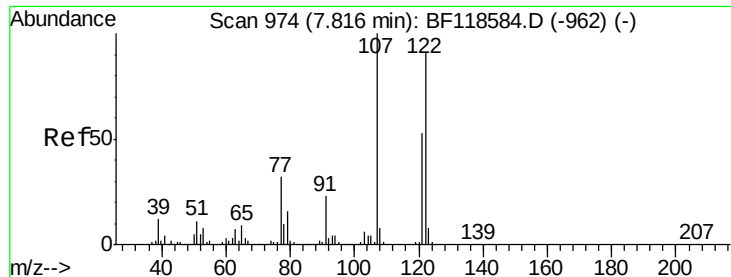
mohammad
1/30/2020 10:18:09 AM



#26
2-Nitrophenol
Concen: 55.718 ng
RT: 7.75 min Scan# 962
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	139	Resp	514450
Ion Ratio	Lower	Upper	
139	100		
109	28.6	23.1	34.7
65	45.9	35.2	52.8





#27

2,4-Dimethylphenol

Concen: 50.358 ng

RT: 7.79 min Scan# 969

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

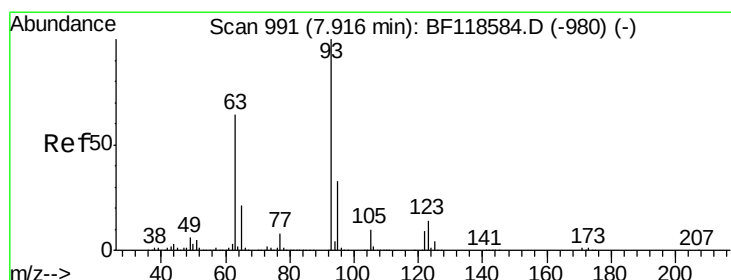
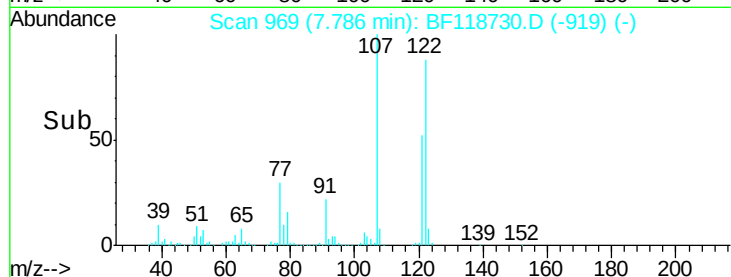
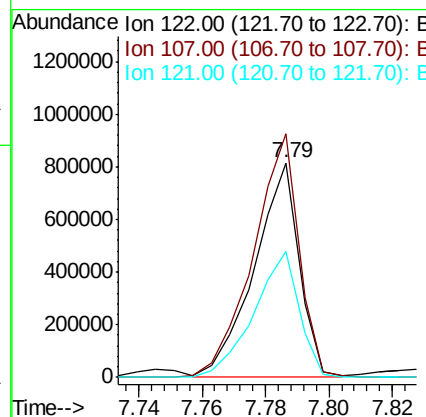
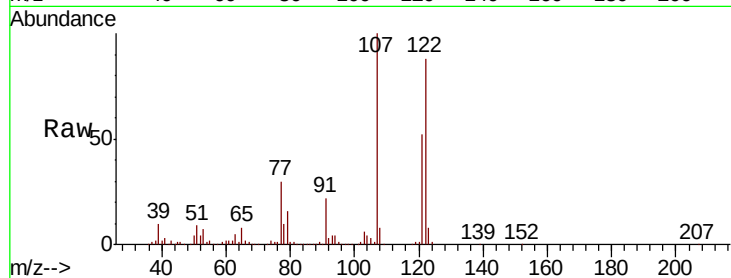
ClientSampleId :

TP-32-33-COMPMS

Tot Ion:	122	Resp:	802893
Ion	Ratio	Lower	Upper
122	100		
107	113.7	91.8	137.8
121	59.0	46.8	70.2

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM



#28

bis(2-Chloroethoxy)methane

Concen: 41.773 ng

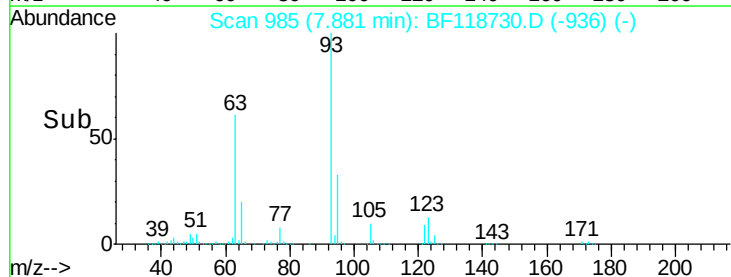
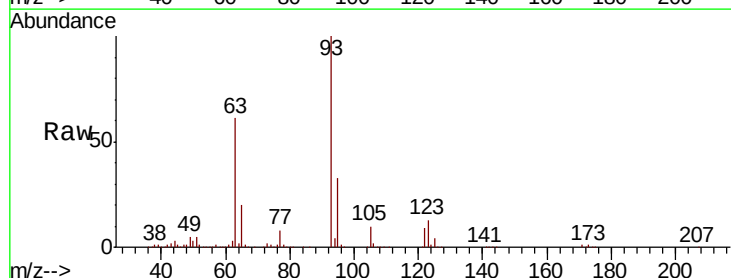
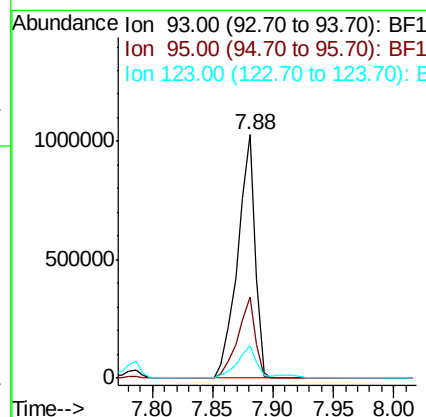
RT: 7.88 min Scan# 985

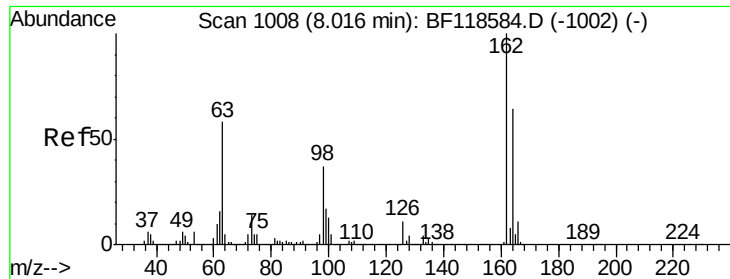
Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Tgt Ion:	93	Resp:	1038113
Ion	Ratio	Lower	Upper
93	100		
95	33.2	26.8	40.2
123	13.2	10.7	16.1





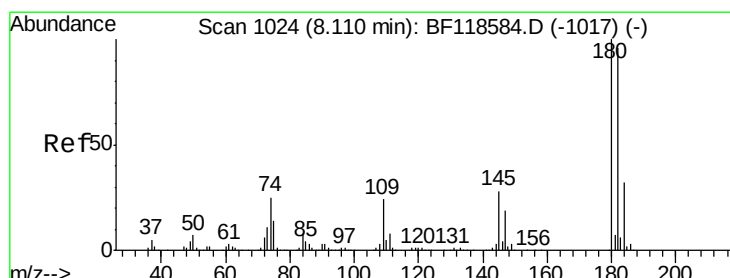
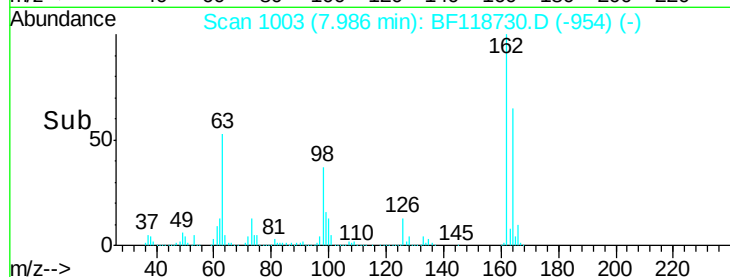
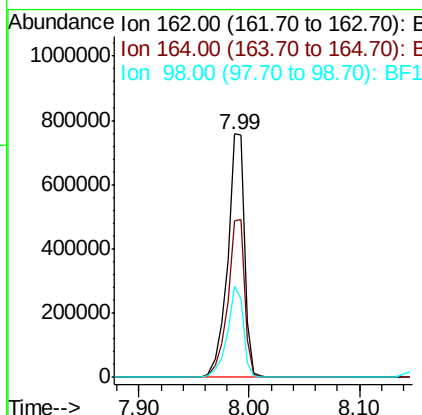
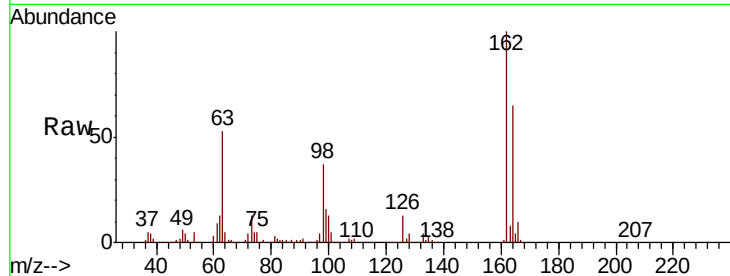
#29
2,4-Dichlorophenol
Concen: 46.376 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.6	43.8	83.8
98	37.3	15.0	55.0

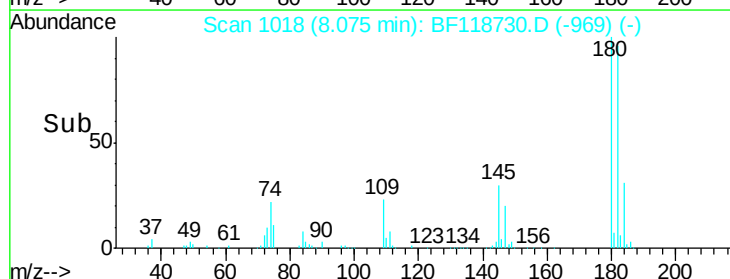
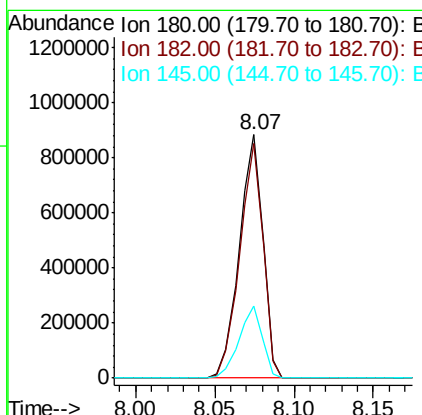
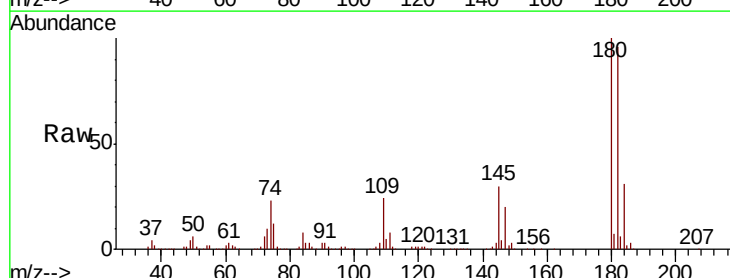
Manual Integrations
APPROVED

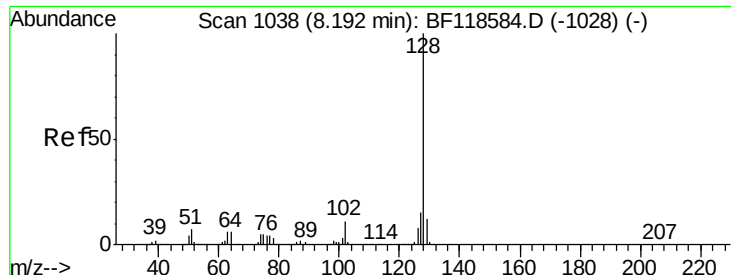
mohammad
1/30/2020 10:18:09 AM



#30
1,2,4-Trichlorobenzene
Concen: 44.387 ng
RT: 8.07 min Scan# 1018
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	77.0	115.4
145	29.7	23.5	35.3





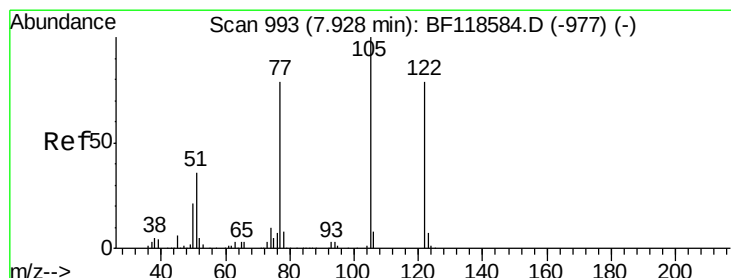
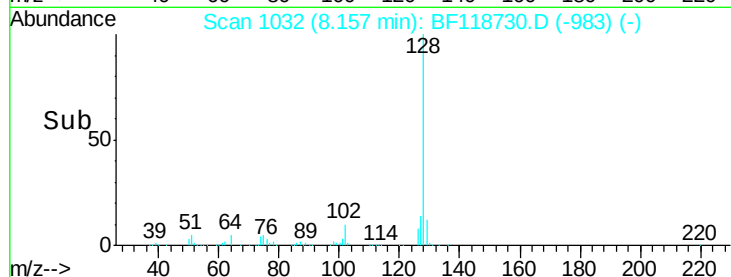
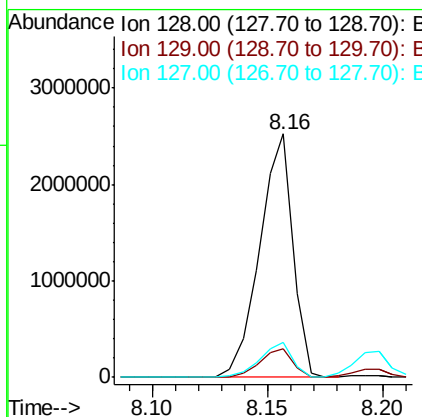
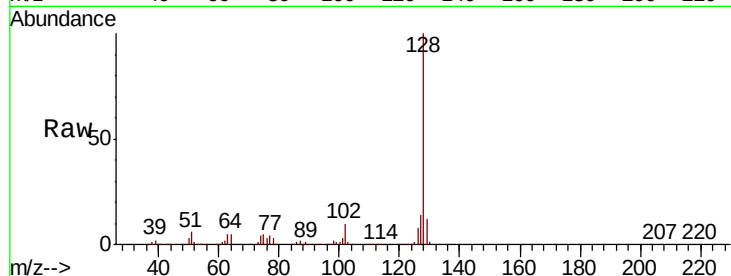
#31
Naphthalene
Concen: 47.214 ng
RT: 8.16 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion:128 Resp: 2522589
Ion Ratio Lower Upper
128 100
129 11.7 9.4 14.0
127 14.4 11.3 16.9

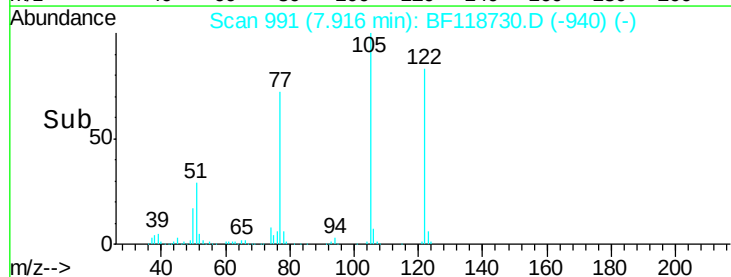
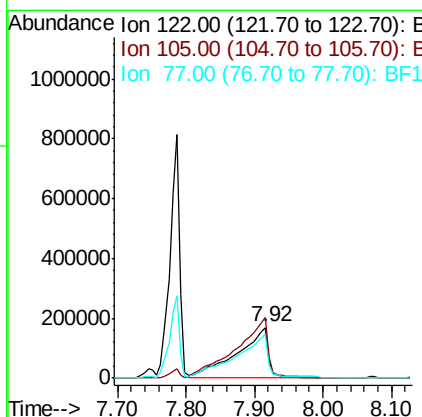
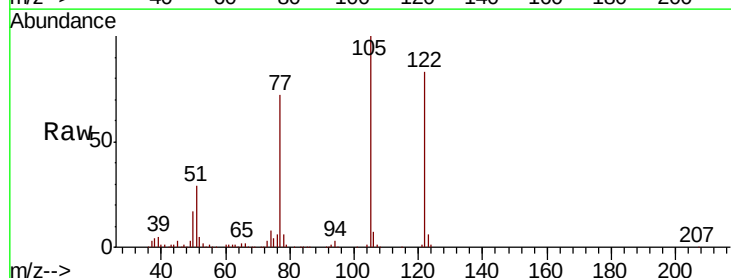
Manual Integrations
APPROVED

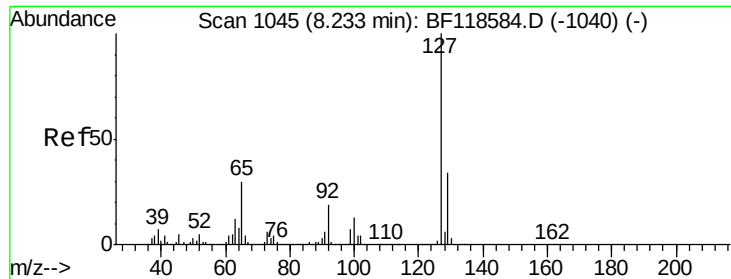
mohammad
1/30/2020 10:18:09 AM



#32
Benzoic acid
Concen: 45.147 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.00 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion:122 Resp: 540226
Ion Ratio Lower Upper
122 100
105 121.0 100.9 140.9
77 87.3 65.1 105.1





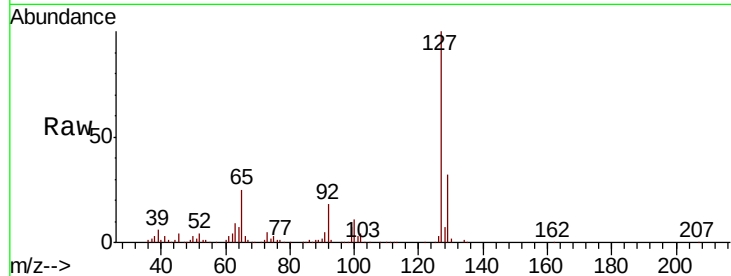
#33
4-Chloroaniline
Concen: 12.613 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

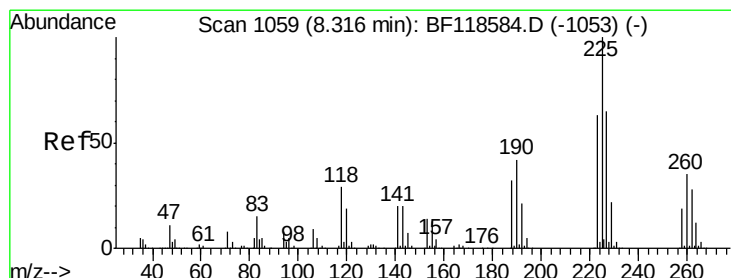
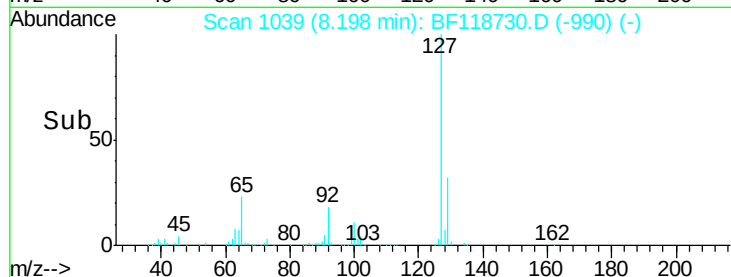
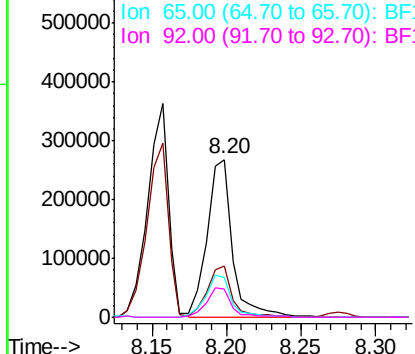
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		311464		
129	32.4	26.4	39.6		
65	25.3	22.6	33.8		
92	18.0	15.3	22.9		

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM



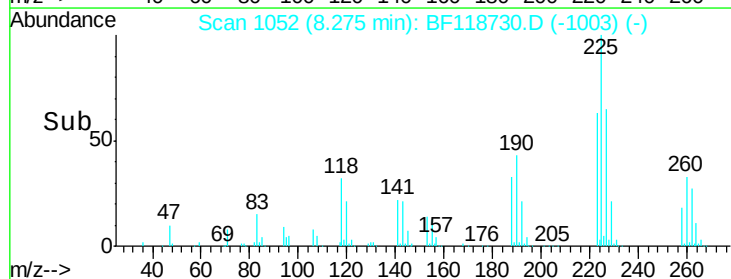
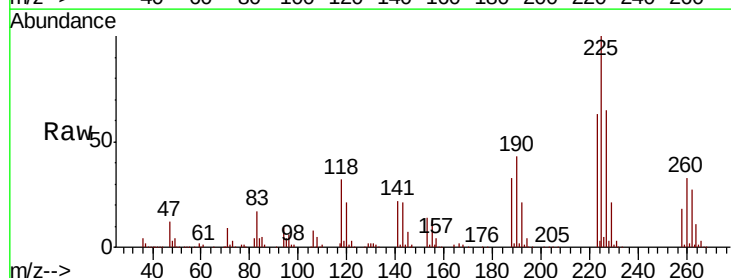
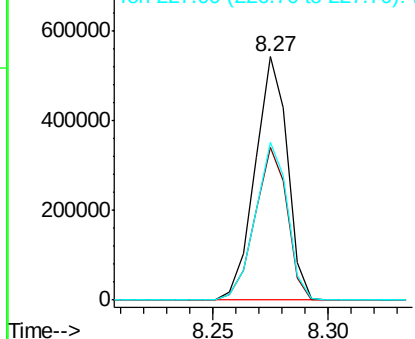
Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

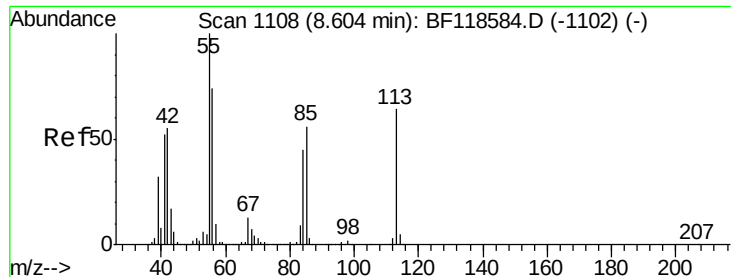


#34
Hexachlorobutadiene
Concen: 42.514 ng
RT: 8.27 min Scan# 1052
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		529099		
223	62.5	50.3	75.5		
227	64.7	50.5	75.7		

Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E





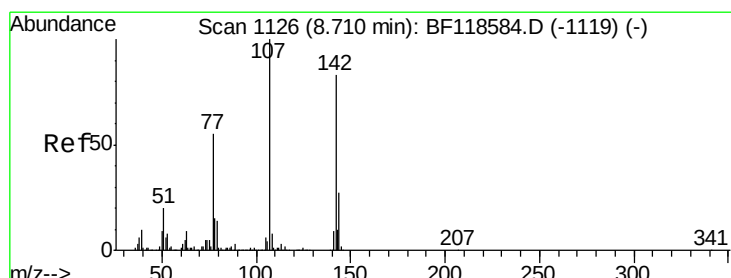
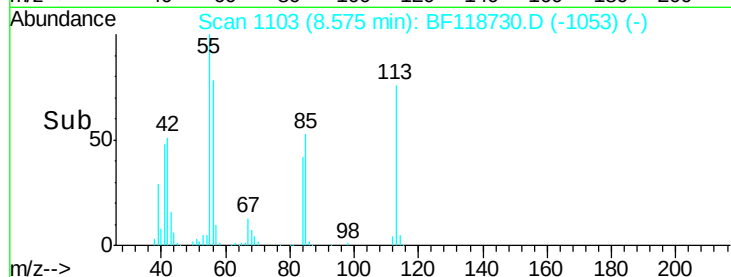
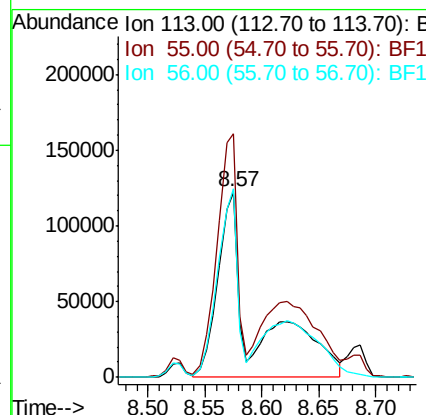
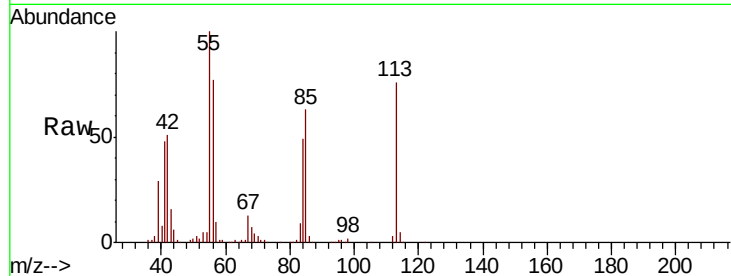
#35
 Caprolactam
 Concen: 47.581 ng/ml
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMS

Tot Ion	Ion	Ratio	Lower	Upper
113	100			
55	131.6	119.0	159.0	
56	101.9	85.4	125.4	

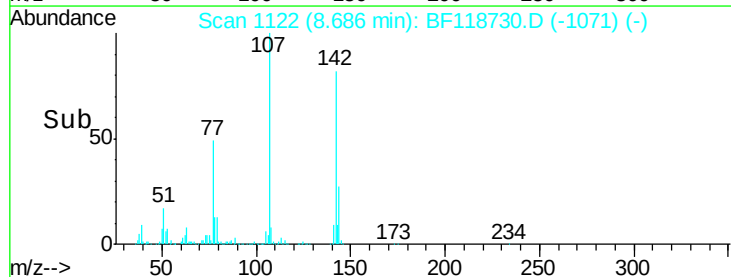
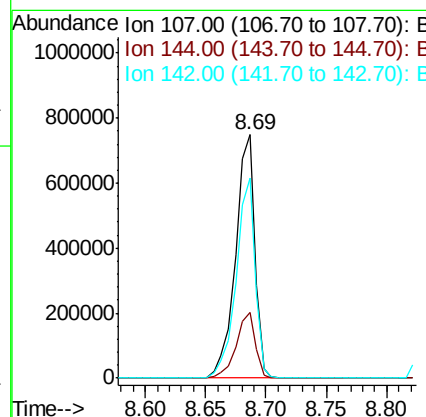
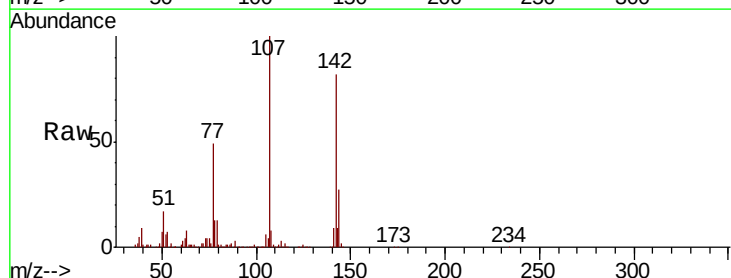
Manual Integrations
 APPROVED

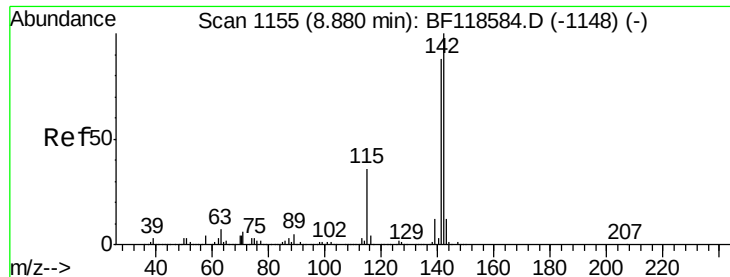
mohammad
 1/30/2020 10:18:09 AM



#36
 4-Chloro-3-methylphenol
 Concen: 48.218 ng/ml
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.00 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
144	27.1	20.9	31.3	
142	82.1	64.5	96.7	





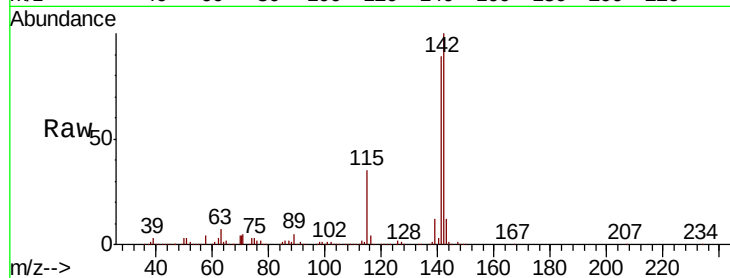
#37
2-Methylnaphthalene
Concen: 47.407 ng
RT: 8.85 min Scan# 1149
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.4	107.0
115	35.2	27.5	41.3

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM

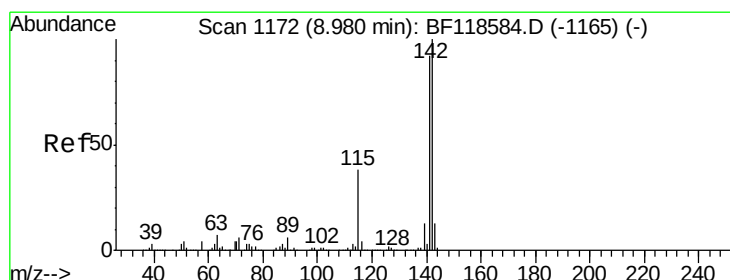
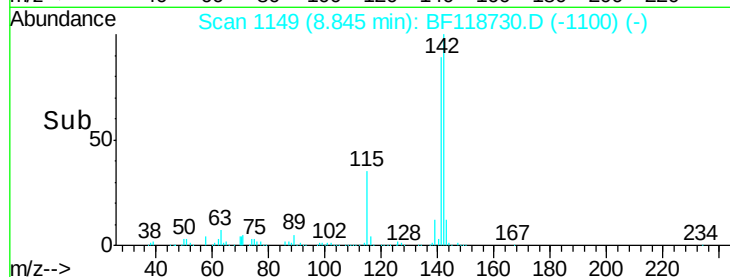
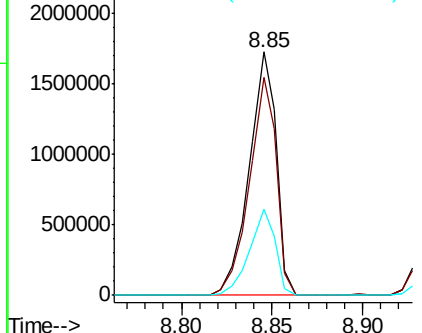


Abundance

Ion 142.00 (141.70 to 142.70): E

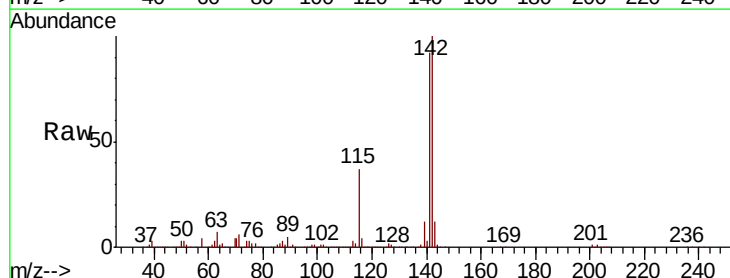
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 47.220 ng
RT: 8.95 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.6	73.5	110.3
116	3.9	3.0	4.6

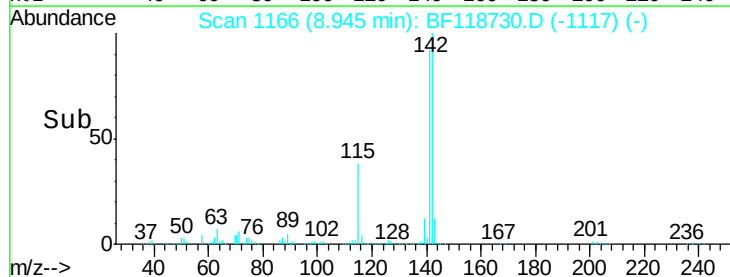
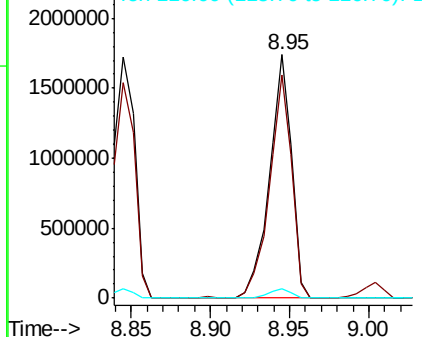


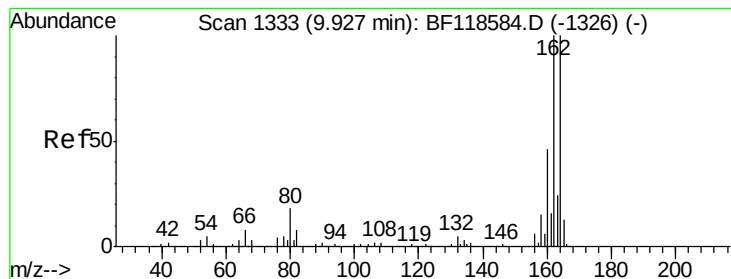
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1326

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

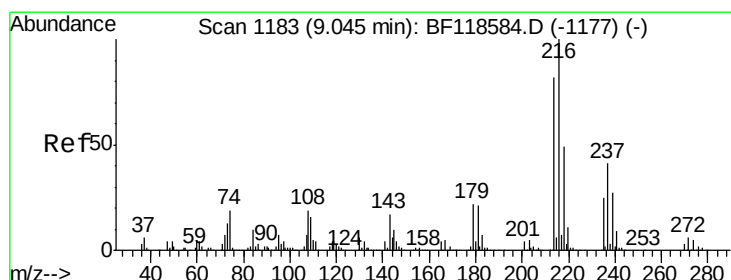
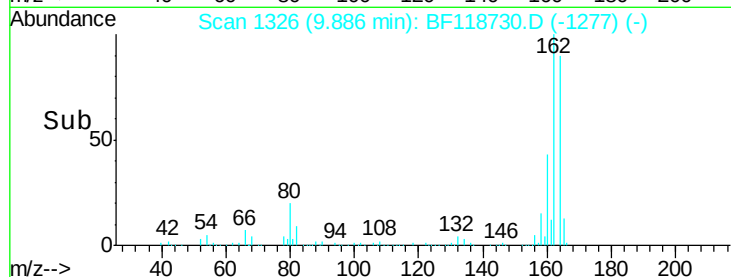
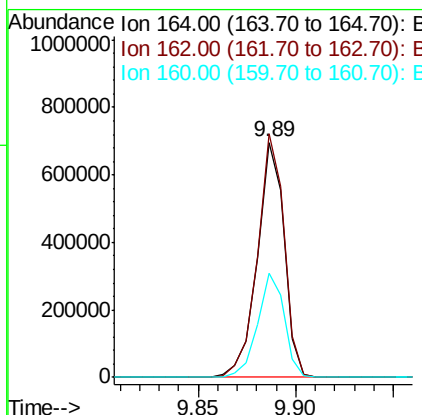
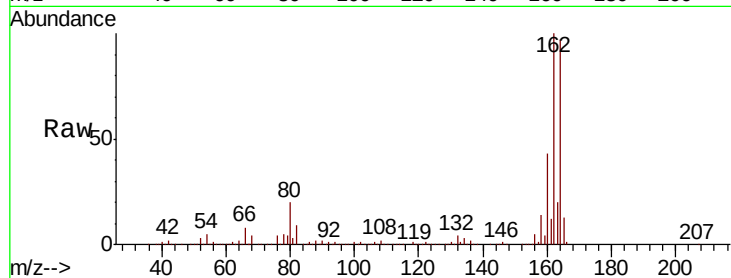
ClientSampleId :

TP-32-33-COMPMS

Tot Ion:	164	Resp:	661752
Ion Ratio	Lower	Upper	
164	100		
162	103.5	80.8	121.2
160	44.5	35.4	53.0

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.662 ng

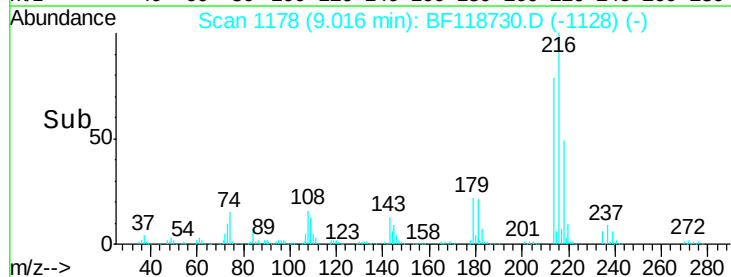
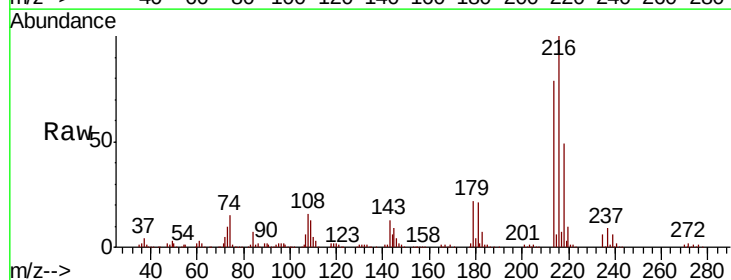
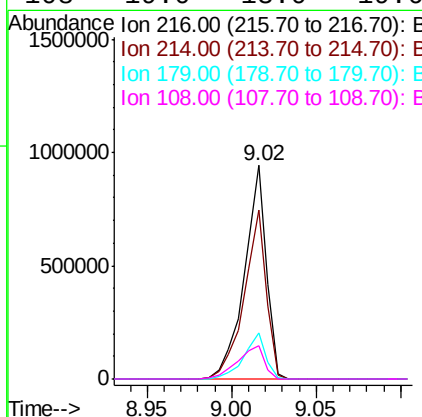
RT: 9.02 min Scan# 1178

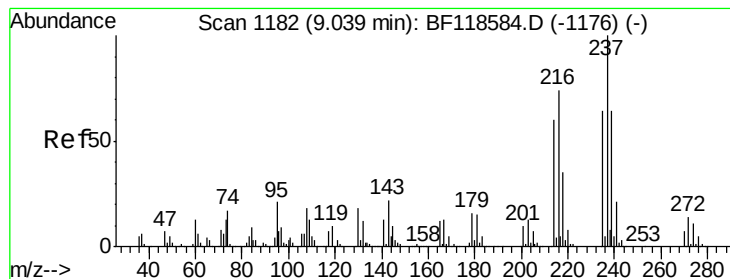
Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Tgt Ion:	216	Resp:	862636
Ion Ratio	Lower	Upper	
216	100		
214	79.1	63.4	95.2
179	21.2	17.0	25.4
108	19.0	13.0	19.6





#41

Hexachlorocyclopentadiene

Concen: 87.367 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

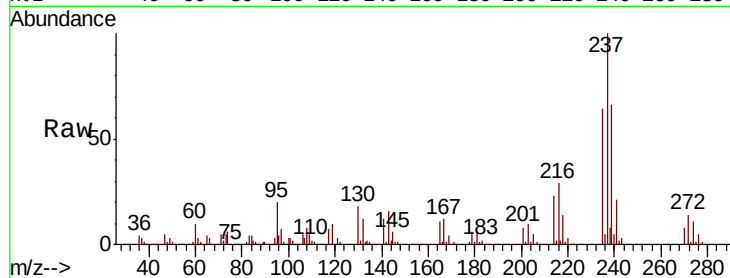
ClientSampleId :

TP-32-33-COMPMS

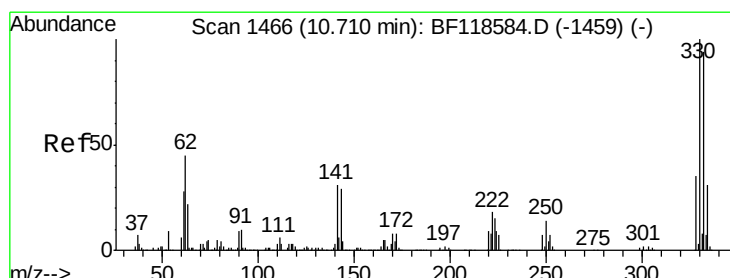
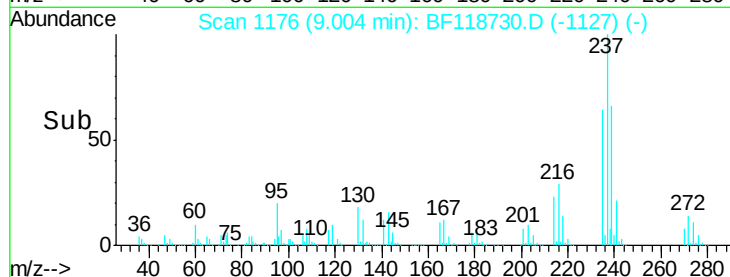
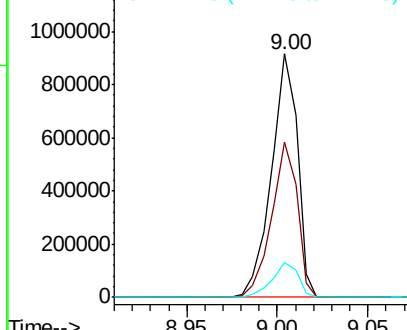
Tot Ion:	237	Resp:	912696
Ion Ratio	Lower	Upper	
237	100		
235	63.8	42.7	82.7
272	14.3	0.0	34.4

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 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: 106.253 ng

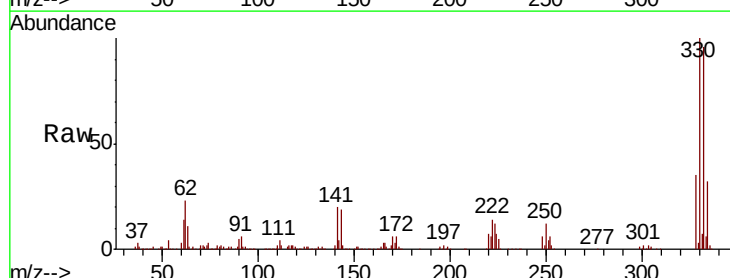
RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

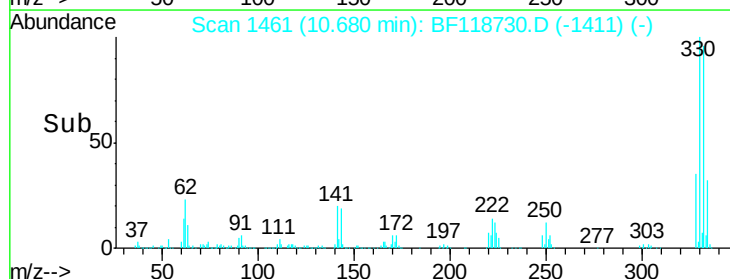
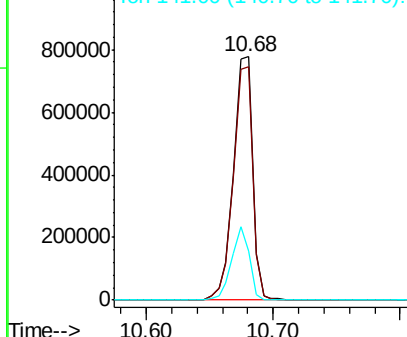
Lab File: BF118730.D

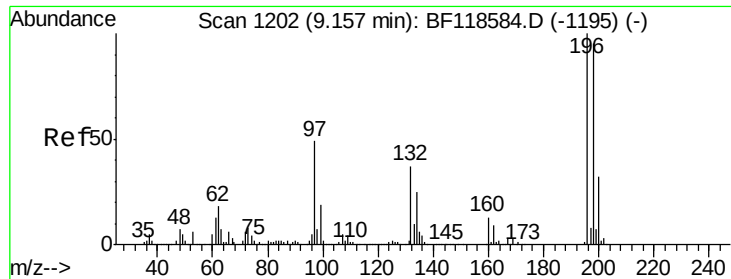
Acq: 29 Jan 2020 14:41

Tgt Ion:	330	Resp:	813260
Ion Ratio	Lower	Upper	
330	100		
332	96.5	77.6	116.4
141	27.6	22.2	33.2



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





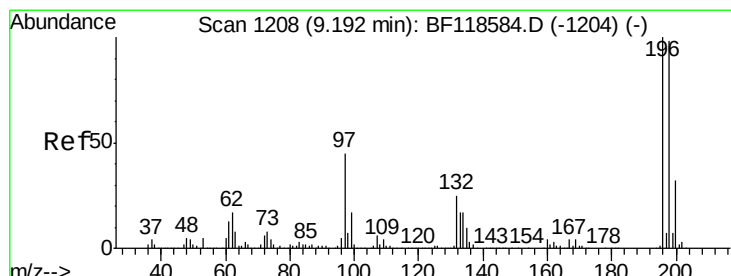
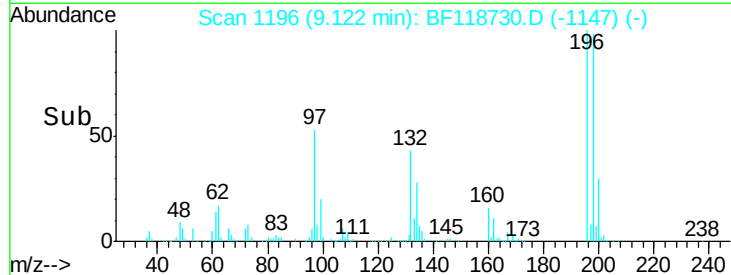
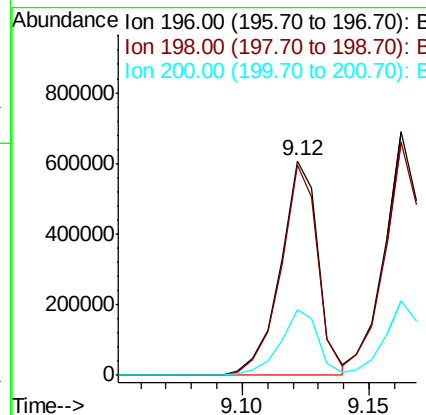
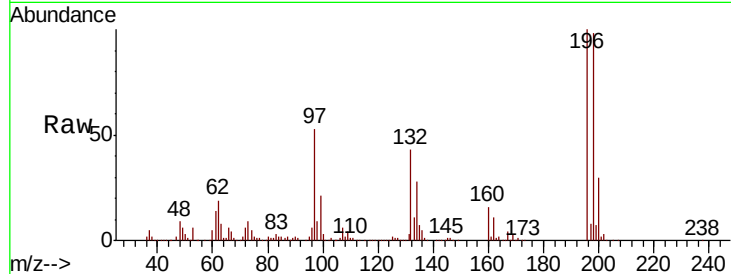
#43
 2,4,6-Trichlorophenol
 Concen: 45.869 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMS

Tot Ion:	196	Resp:	630236
Ion Ratio	Lower	Upper	
196	100		
198	97.8	76.4	114.6
200	30.4	25.4	38.2

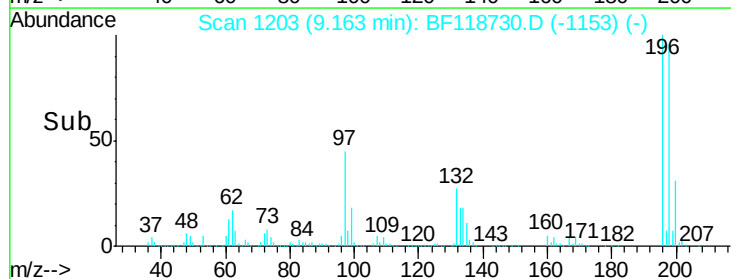
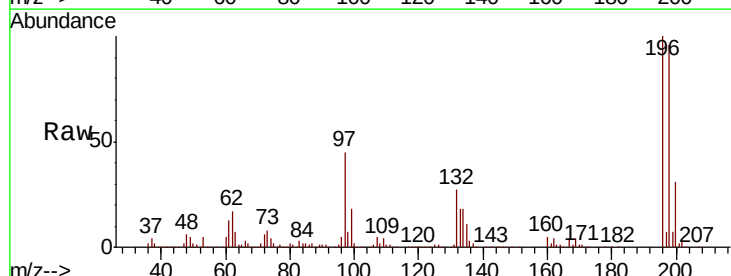
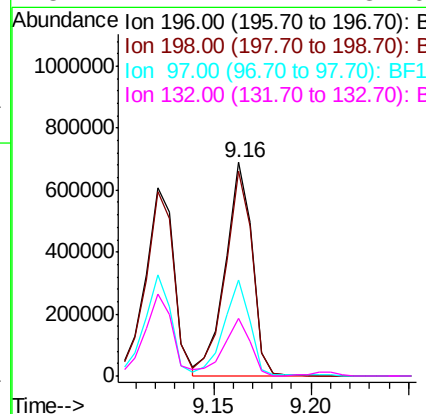
Manual Integrations
 APPROVED

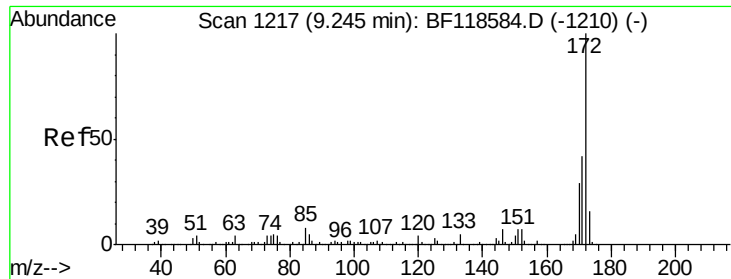
mohammad
 1/30/2020 10:18:09 AM



#44
 2,4,5-Trichlorophenol
 Concen: 46.878 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion:	196	Resp:	657818
Ion Ratio	Lower	Upper	
196	100		
198	95.8	76.2	114.4
97	45.2	35.7	53.5
132	27.1	21.4	32.0





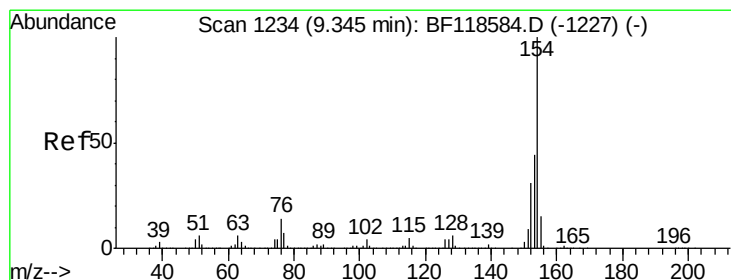
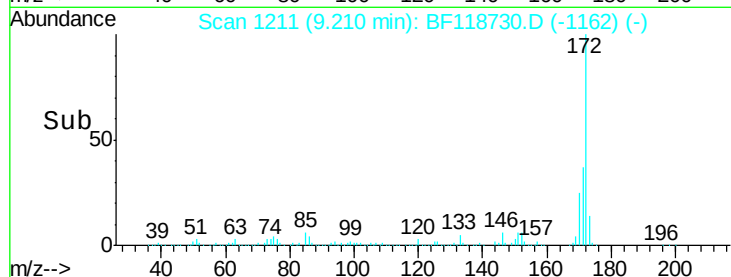
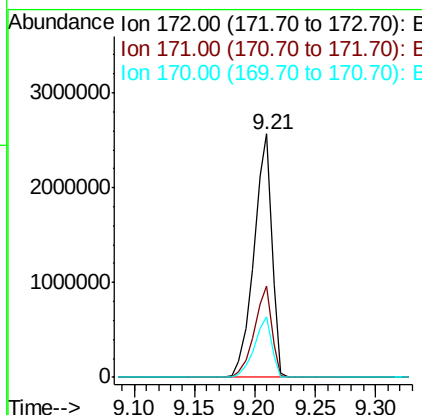
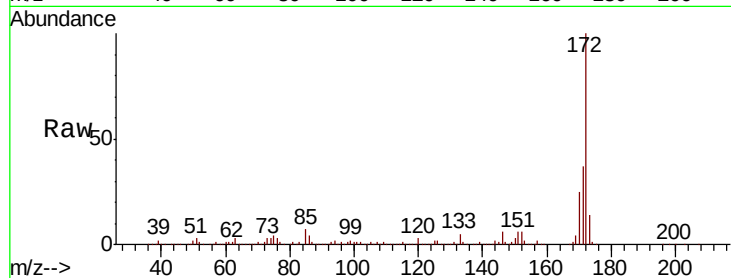
#45
2-Fluorobiphenyl
Concen: 66.281 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion:172 Resp: 2668607
Ion Ratio Lower Upper
172 100
171 37.5 31.0 46.4
170 24.9 20.7 31.1

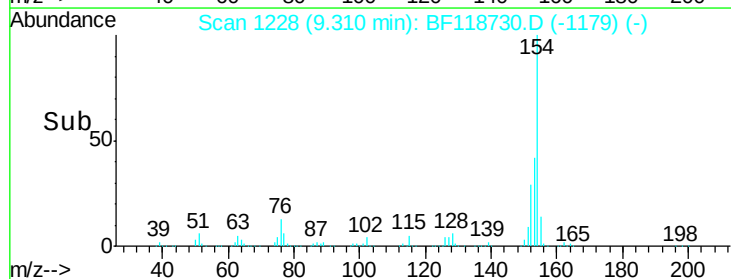
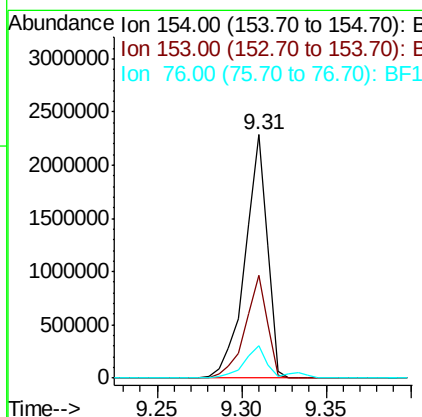
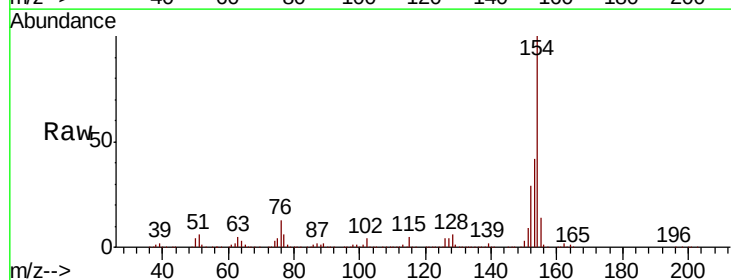
Manual Integrations
APPROVED

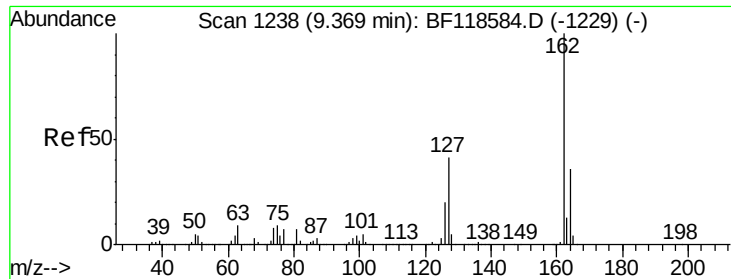
mohammad
1/30/2020 10:18:09 AM



#46
1,1'-Biphenyl
Concen: 46.308 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion:154 Resp: 2112013
Ion Ratio Lower Upper
154 100
153 42.3 22.3 62.3
76 13.4 0.0 32.0





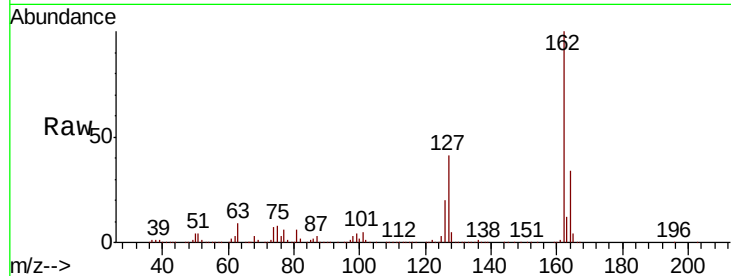
#47
 2-Chloronaphthalene
 Concen: 44.923 ng
 RT: 9.33 min Scan# 1232
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMS

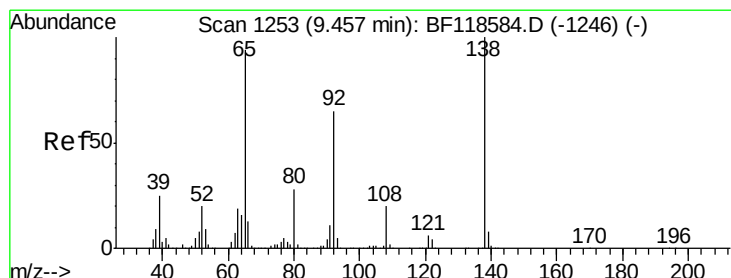
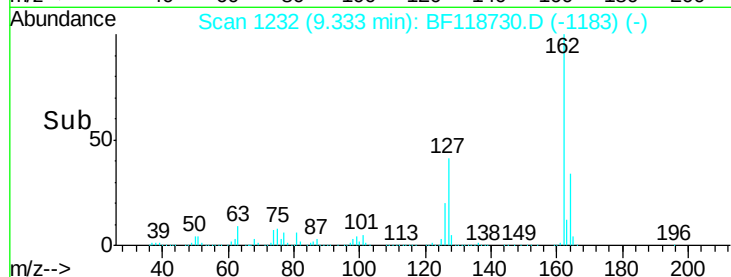
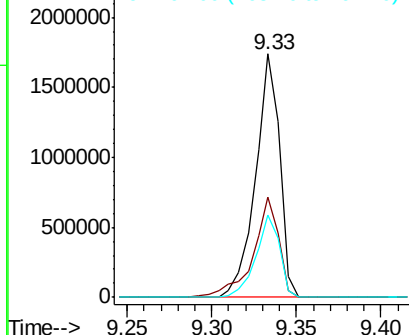
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.4	32.9	49.3
164	33.8	27.5	41.3

Manual Integrations
 APPROVED

mohammad
 1/30/2020 10:18:09 AM

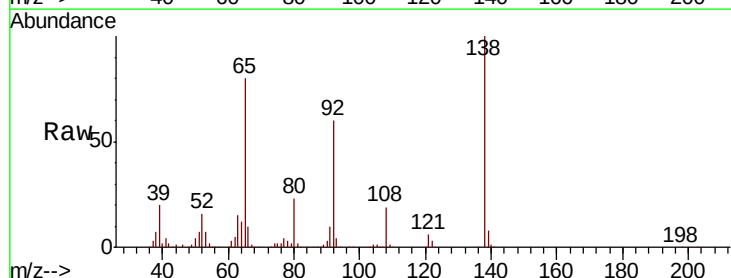


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

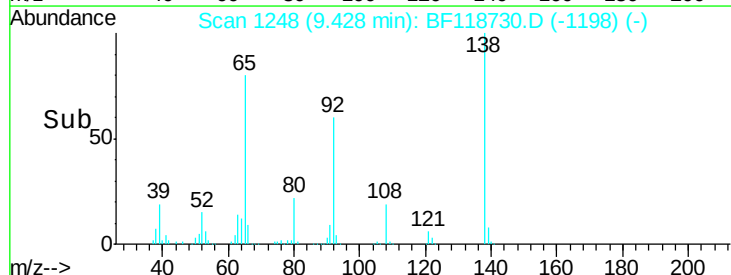
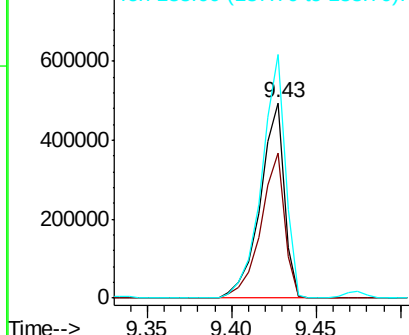


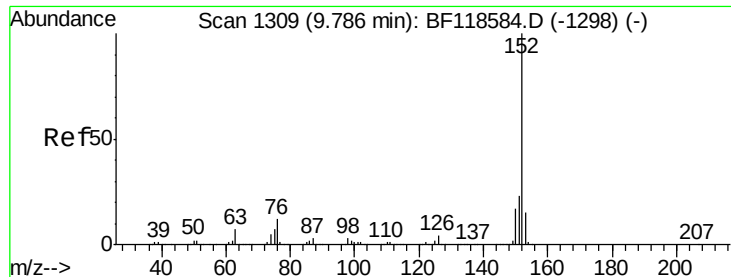
#48
 2-Nitroaniline
 Concen: 41.394 ng
 RT: 9.43 min Scan# 1248
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.6	57.8	86.6
138	124.7	95.1	142.7



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





#49

Acenaphthylene

Concen: 48.838 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

TP-32-33-COMPMS

Tot Ion:152 Resp: 2641156

Ion Ratio Lower Upper

152 100

151 22.0 17.1 25.7

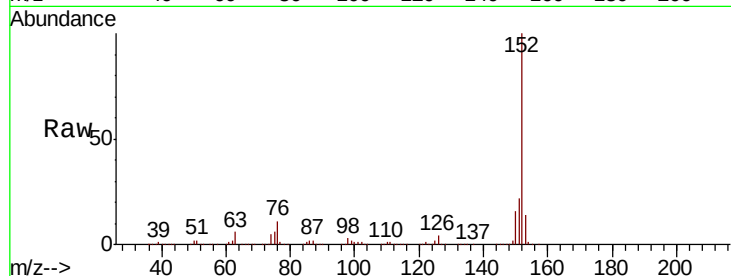
153 14.3 11.0 16.4

Manual Integrations

APPROVED

mohammad

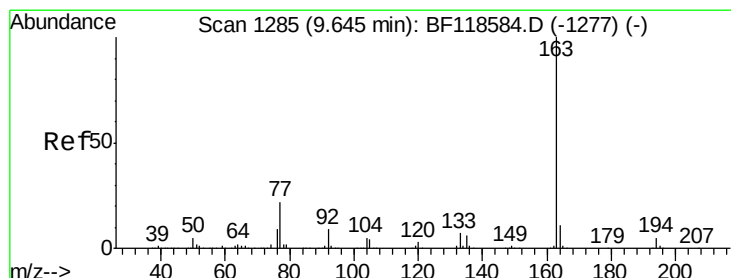
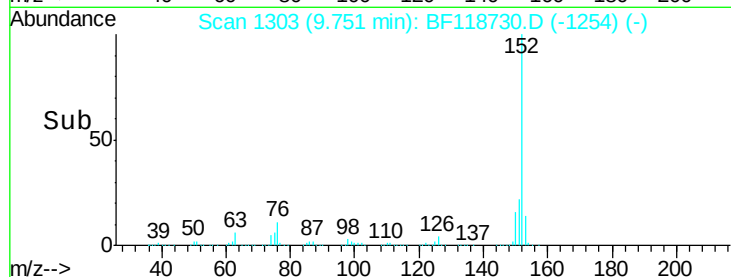
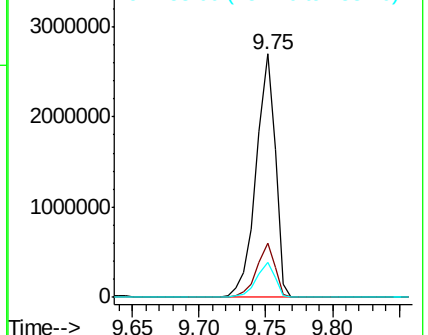
1/30/2020 10:18:09 AM



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 56.503 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

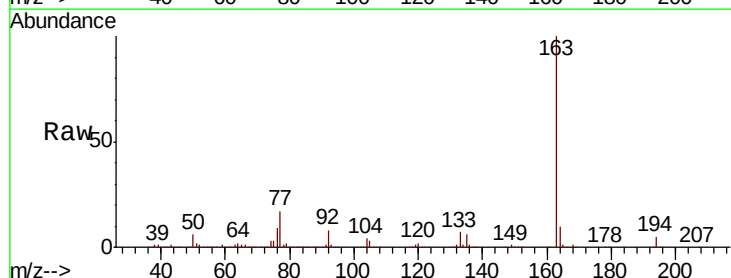
Tgt Ion:163 Resp: 2436095

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

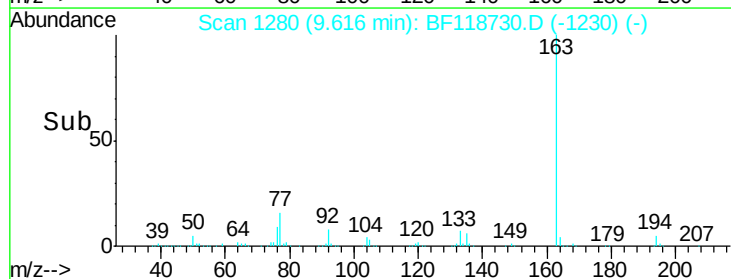
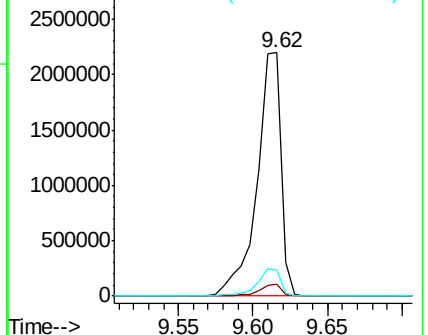
164 10.4 8.2 12.2

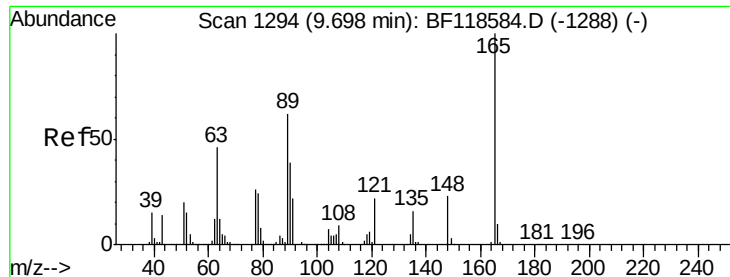


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





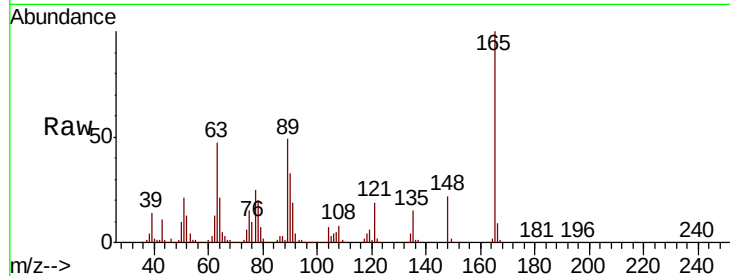
#51
2,6-Dinitrotoluene
Concen: 51.378 ng
RT: 9.67 min Scan# 1289
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
165	100		
63	46.8	39.8	59.6
89	48.6	41.4	62.2

Manual Integrations
APPROVED

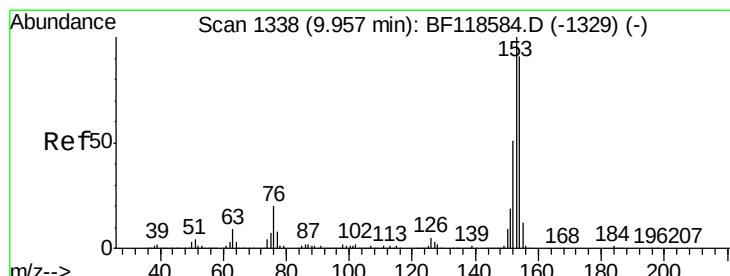
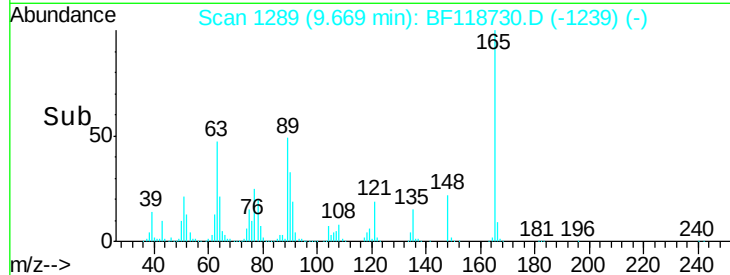
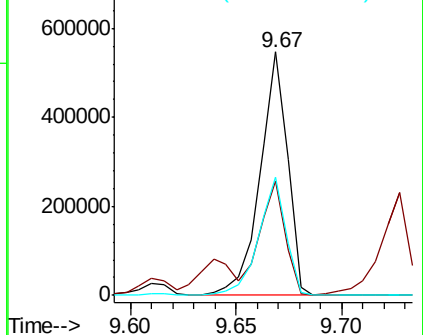
mohammad
1/30/2020 10:18:09 AM



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



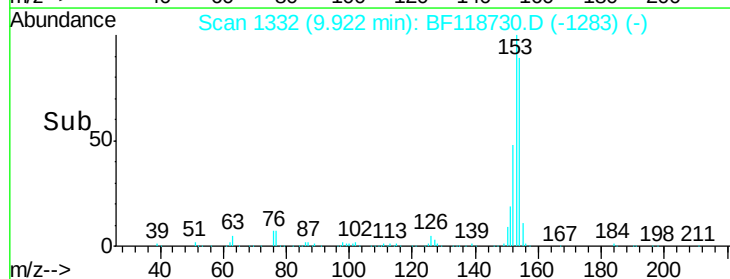
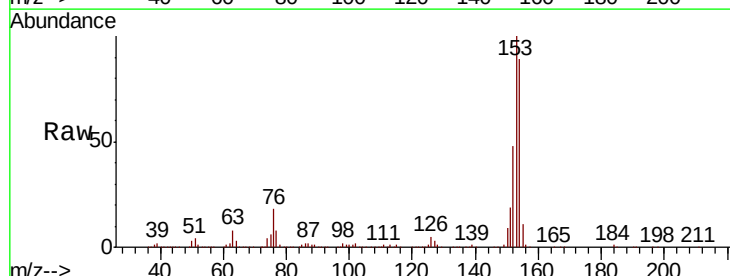
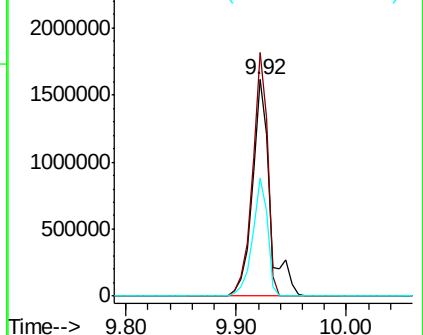
#52
Acenaphthene
Concen: 49.530 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

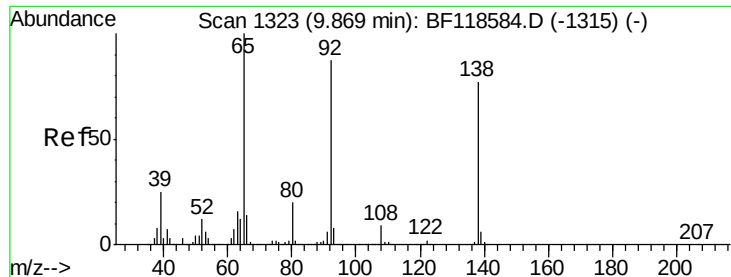
Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	89.1	133.7
152	54.2	43.0	64.6

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





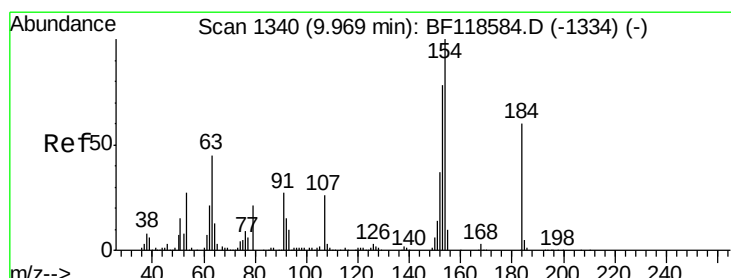
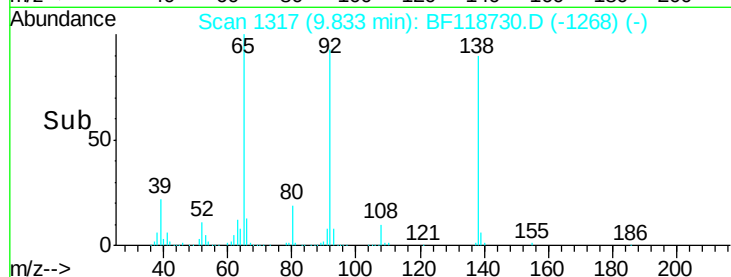
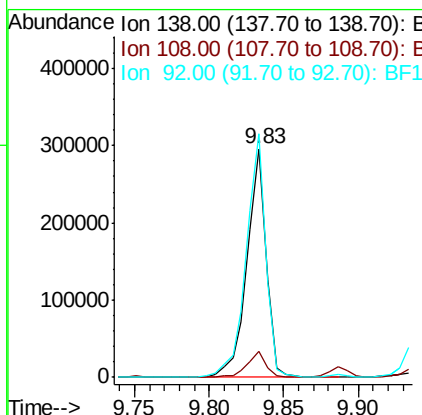
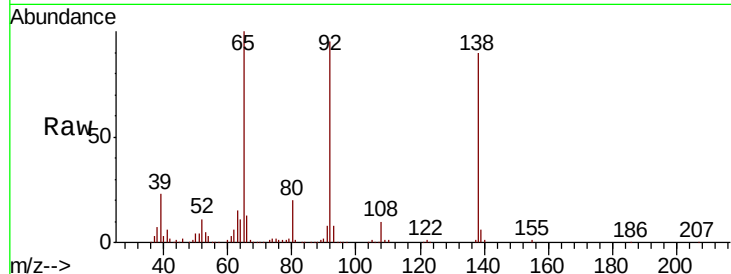
#53
3-Nitroaniline
Concen: 24.030 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.8	13.2
92	106.6	87.8	131.6

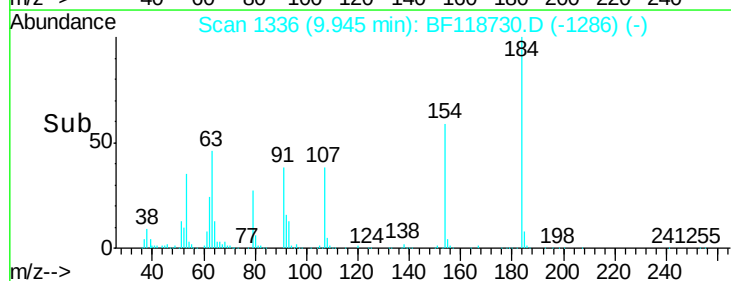
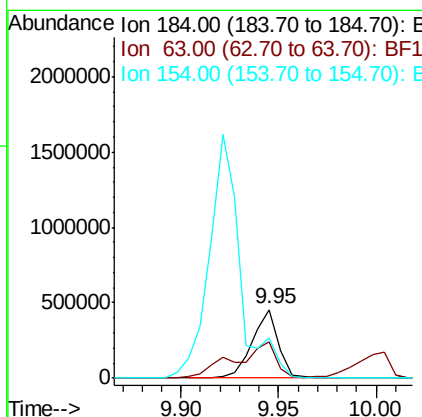
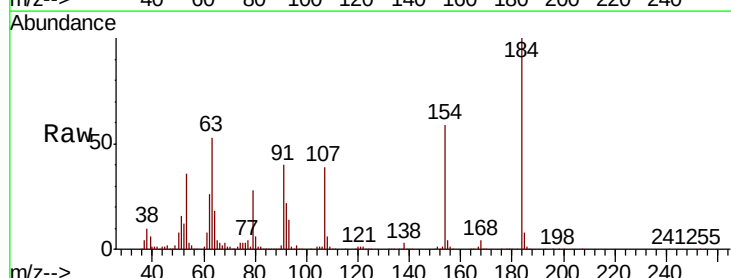
Manual Integrations
APPROVED

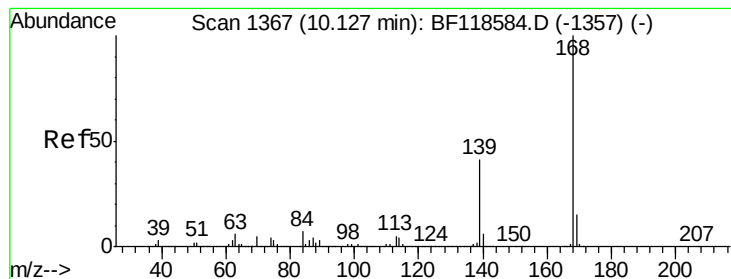
mohammad
1/30/2020 10:18:09 AM



#54
2,4-Dinitrophenol
Concen: 110.204 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	52.9	36.0	54.0
154	58.7	44.6	66.8





#55

Dibenzofuran

Concen: 47.799 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

TP-32-33-COMPMS

Tot Ion:168 Resp: 2395378

Ion Ratio Lower Upper

168 100

139 37.5 31.6 47.4

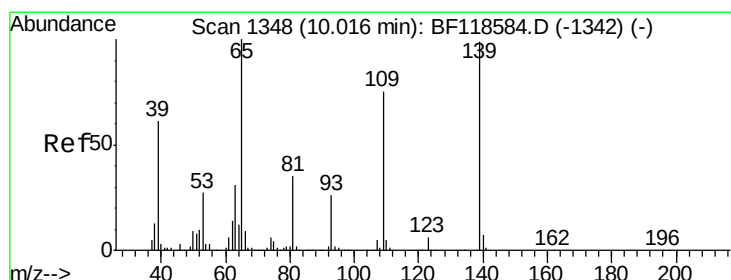
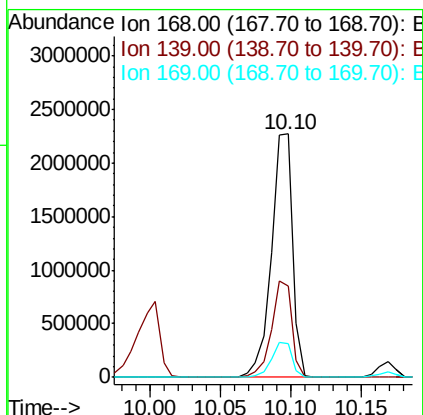
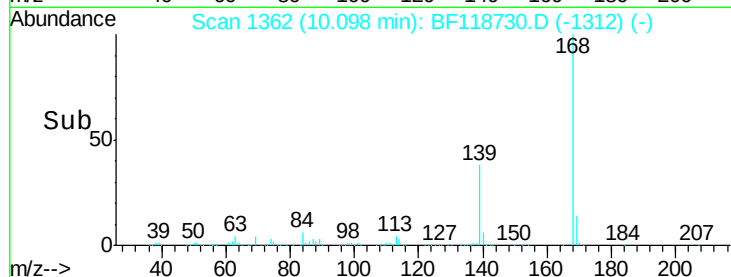
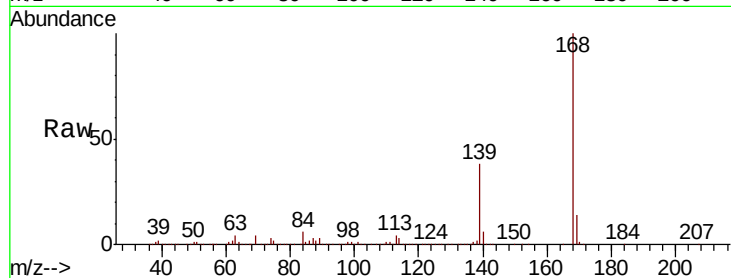
169 13.7 11.4 17.0

Manual Integrations

APPROVED

mohammad

1/30/2020 10:18:09 AM



#56

4-Nitrophenol

Concen: 96.945 ng

RT: 10.00 min Scan# 1346

Delta R.T. 0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

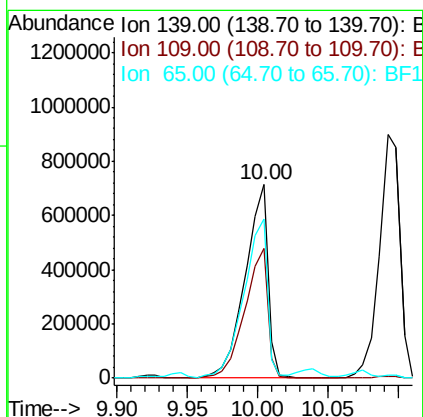
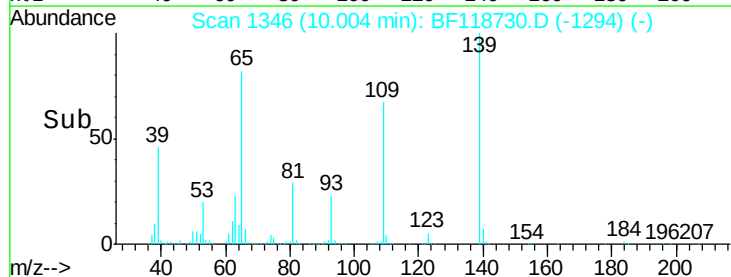
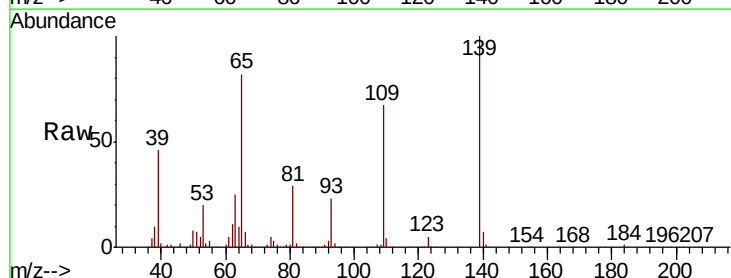
Tgt Ion:139 Resp: 806788

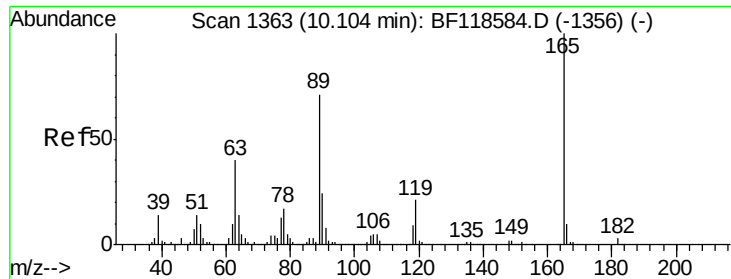
Ion Ratio Lower Upper

139 100

109 67.4 47.0 87.0

65 82.1 65.7 105.7





#57

2,4-Dinitrotoluene

Concen: 53.850 ng

RT: 10.07 min Scan# 1358

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

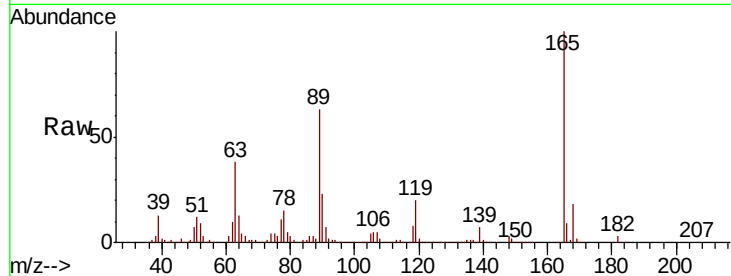
ClientSampleId :

TP-32-33-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		655396		
63	38.1		28.5	42.7	
89	63.4		50.4	75.6	
182	3.0		2.3	3.5	

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM

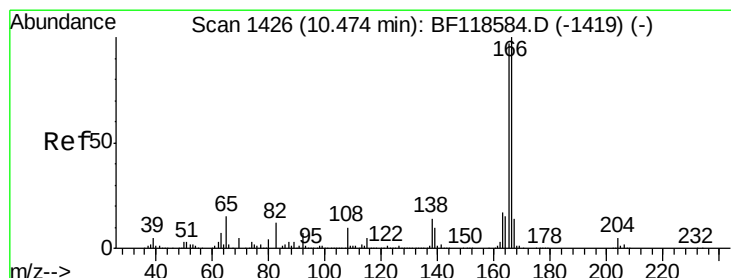
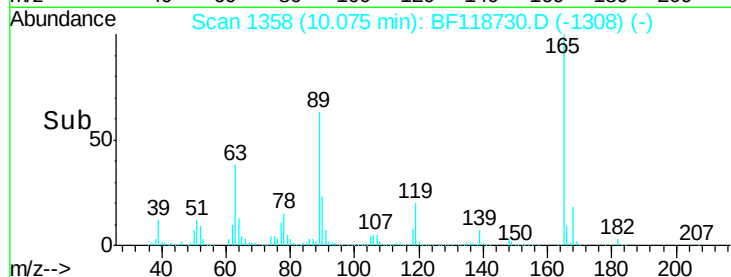
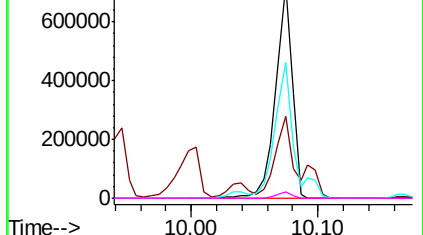


Abundance Ion 165.00 (164.70 to 165.70): E

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: 45.543 ng

RT: 10.44 min Scan# 1420

Delta R.T. -0.01 min

Lab File: BF118730.D

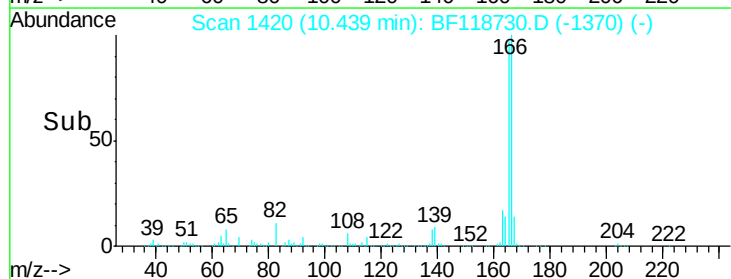
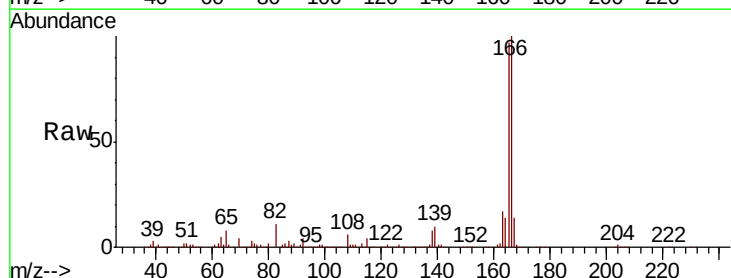
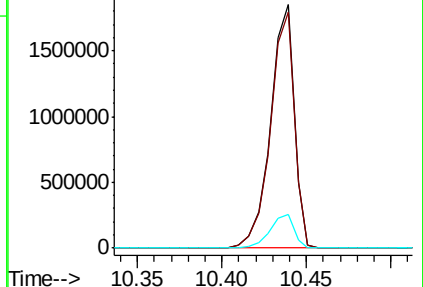
Acq: 29 Jan 2020 14:41

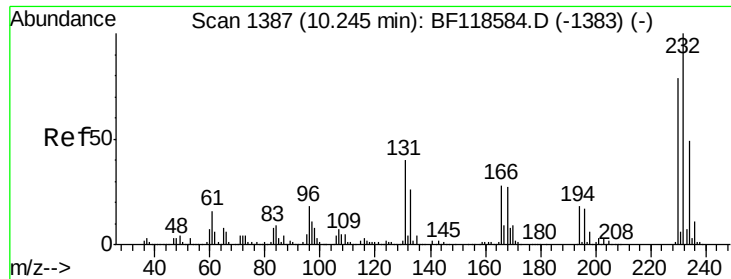
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		1791718		
165	97.1		78.6	118.0	
167	13.8		11.4	17.2	

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





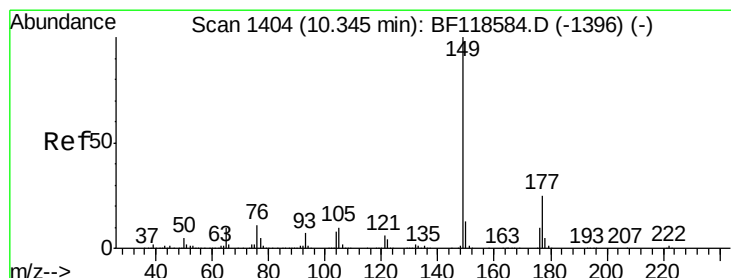
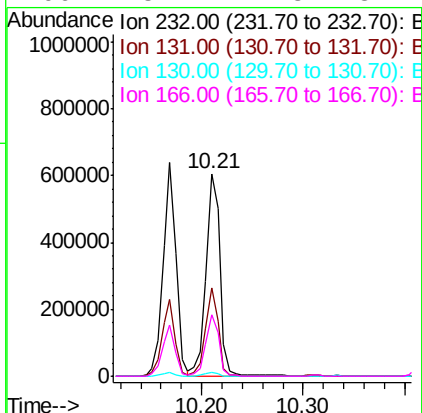
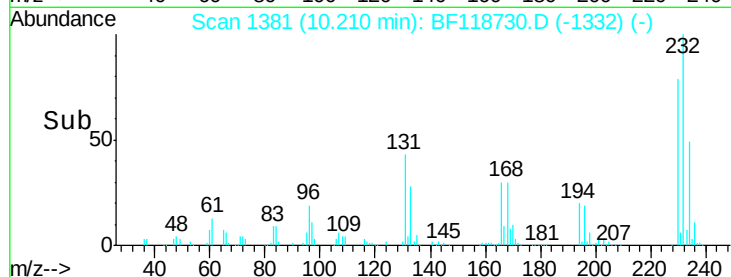
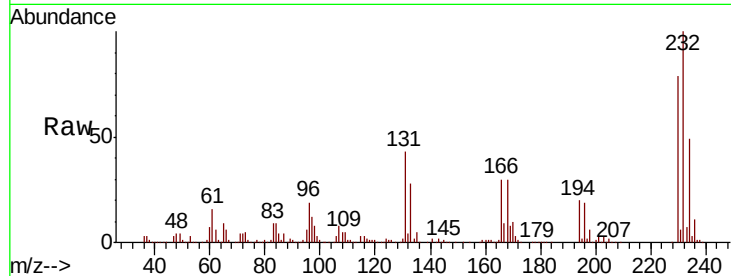
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.765 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	577199		
131	39.7		31.8	47.6
130	2.0		1.5	2.3
166	28.7		22.8	34.2

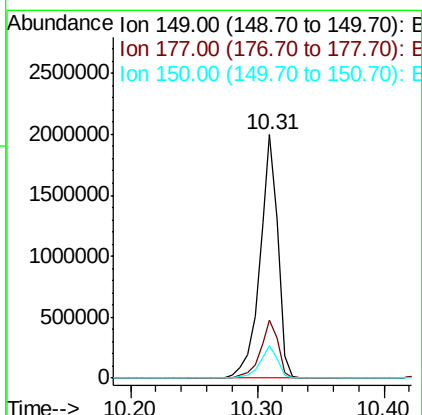
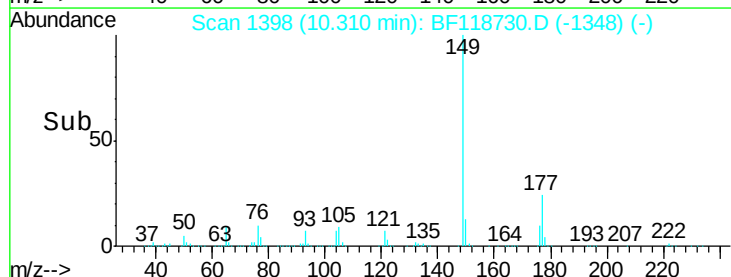
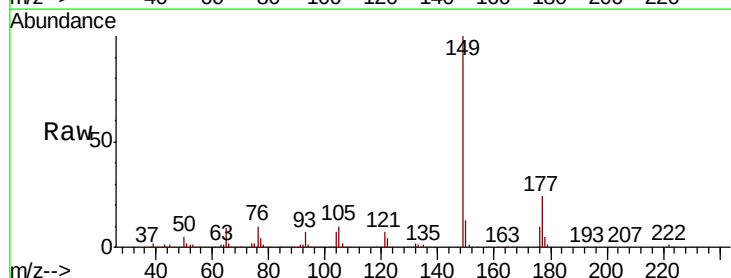
Manual Integrations
 APPROVED

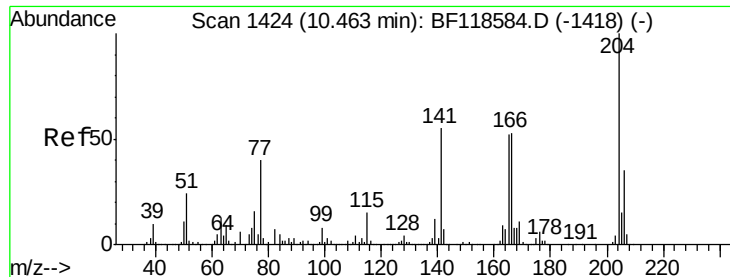
mohammad
 1/30/2020 10:18:09 AM



#60
 Diethylphthalate
 Concen: 47.217 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	1973776		
177	23.8		19.1	28.7
150	13.3		10.5	15.7





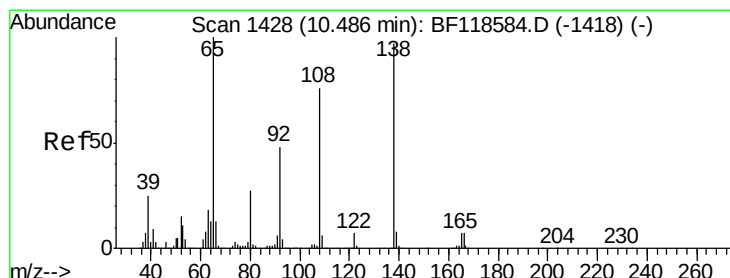
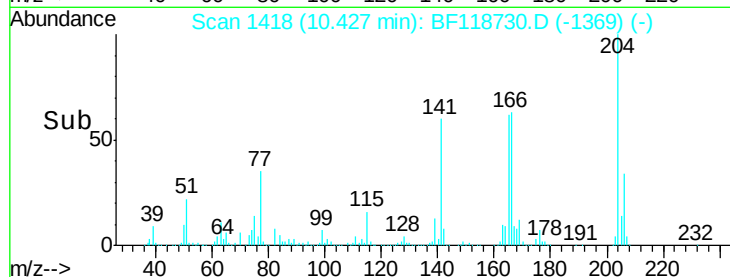
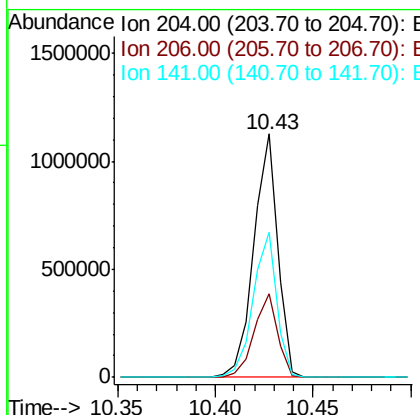
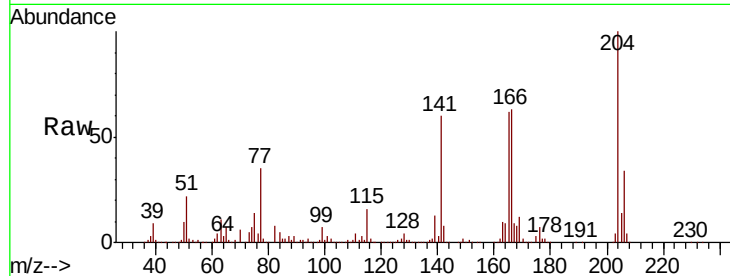
#61
4-Chlorophenyl-phenylether
Concen: 44.787 ng
RT: 10.43 min Scan# 1418
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.2	27.0	40.6
141	59.7	43.9	65.9

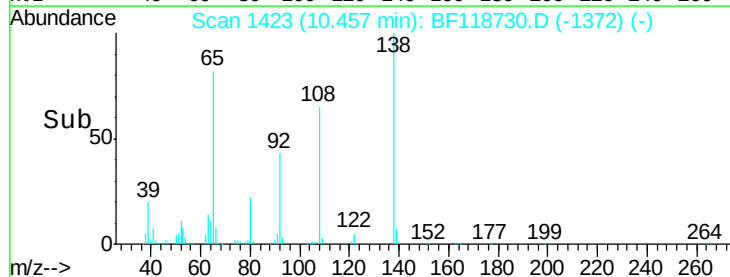
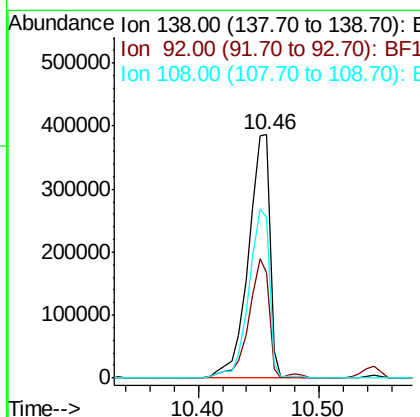
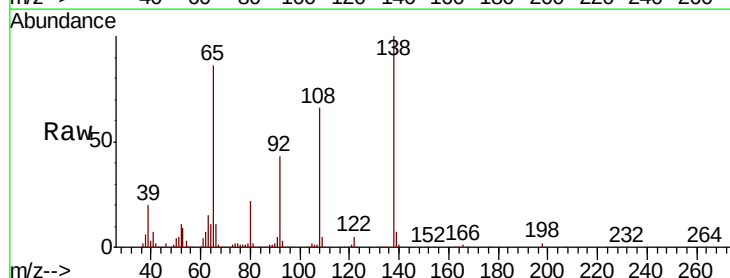
Manual Integrations
APPROVED

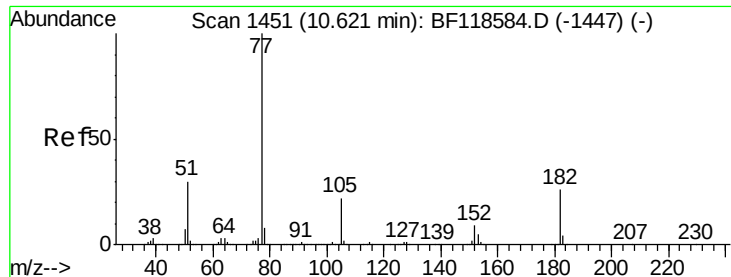
mohammad
1/30/2020 10:18:09 AM



#62
4-Nitroaniline
Concen: 42.895 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.00 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	43.1	29.2	69.2
108	65.9	50.8	90.8





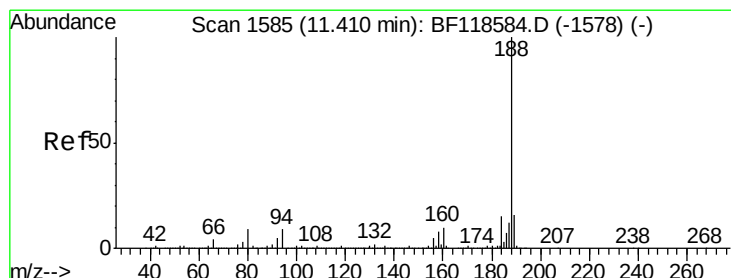
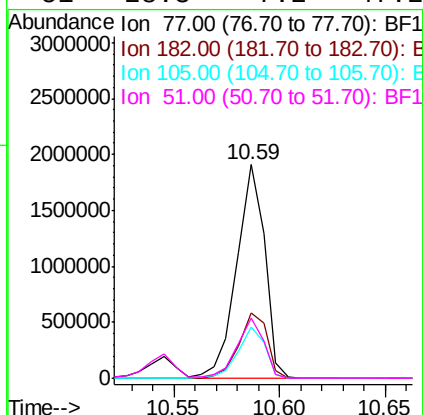
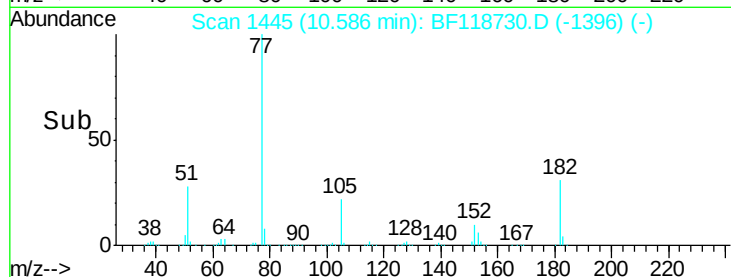
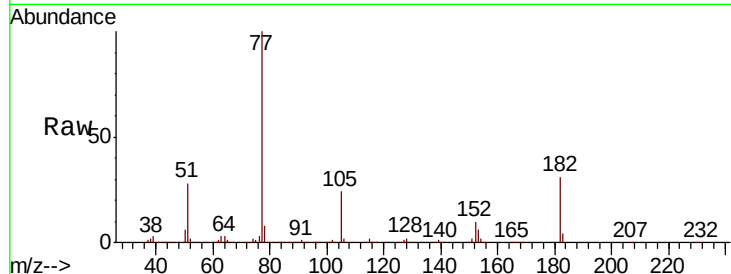
#63
Azobenzene
Concen: 43.150 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	77	Resp	1746885
Ion	Ratio	Lower	Upper
77	100		
182	30.6	12.3	52.3
105	23.8	4.0	44.0
51	28.3	7.2	47.2

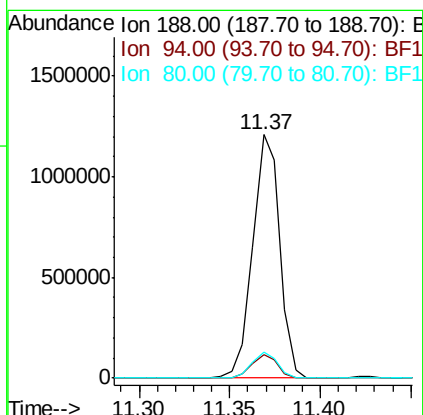
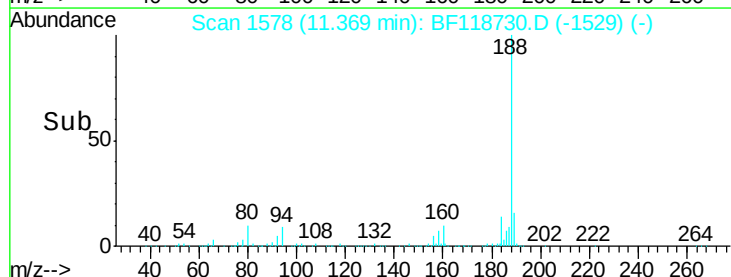
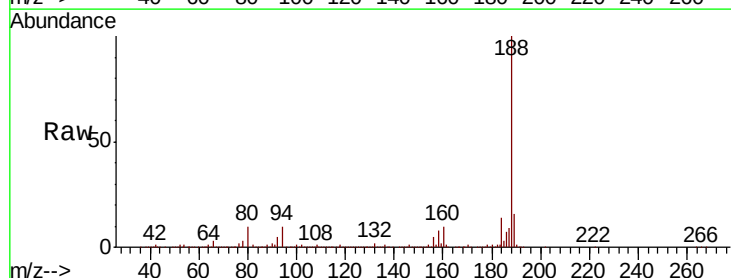
Manual Integrations
APPROVED

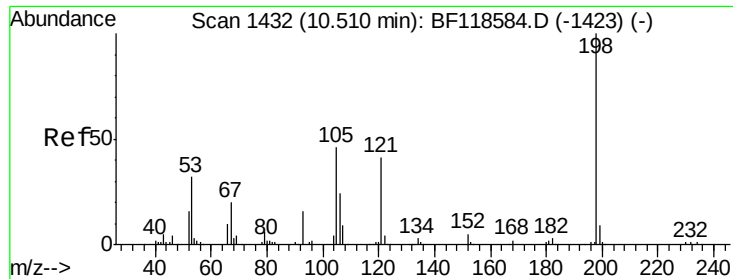
mohammad
1/30/2020 10:18:09 AM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1578
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	188	Resp	1249050
Ion	Ratio	Lower	Upper
188	100		
94	9.6	7.4	11.2
80	10.5	7.8	11.8





#65

4,6-Dinitro-2-methylphenol

Concen: 61.769 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

TP-32-33-COMPMS

Tot Ion:198 Resp: 339259
Ion Ratio Lower Upper

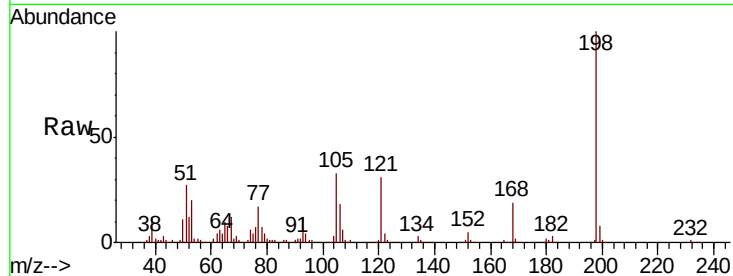
198 100

51 27.4 9.6 49.6

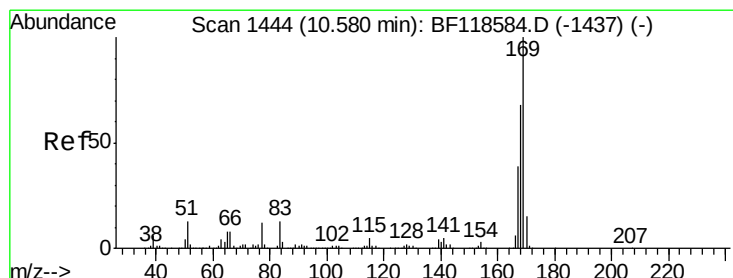
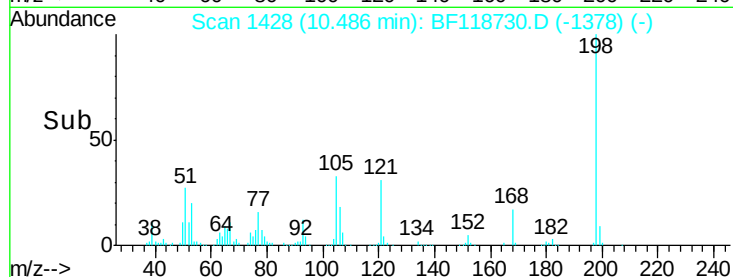
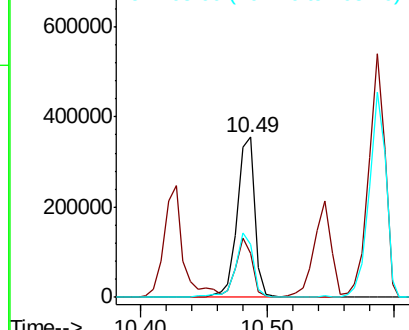
105 32.9 15.5 55.5

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM



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



#66

n-Nitrosodiphenylamine

Concen: 45.543 ng

RT: 10.55 min Scan# 1438

Delta R.T. -0.01 min

Lab File: BF118730.D

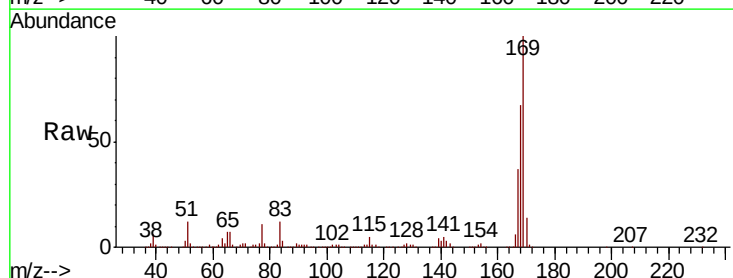
Acq: 29 Jan 2020 14:41

Tgt Ion:169 Resp: 1715546
Ion Ratio Lower Upper

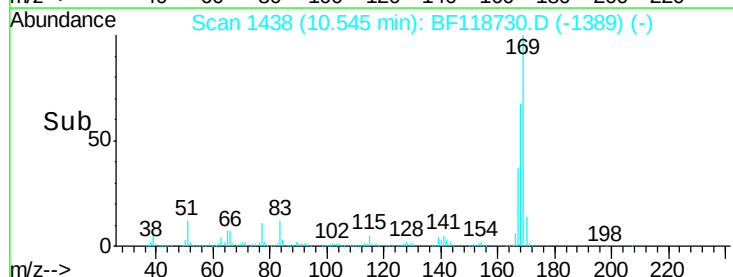
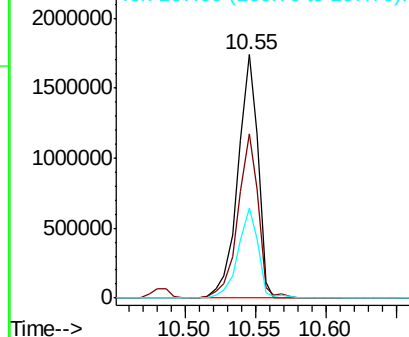
169 100

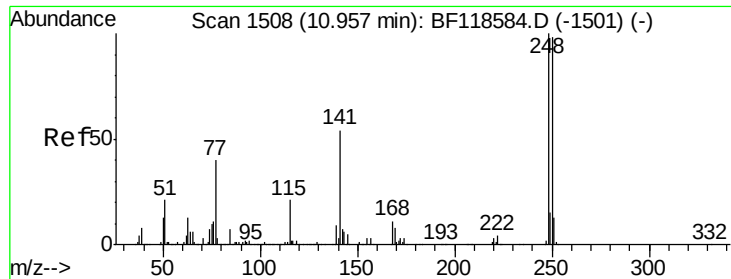
168 67.5 53.4 80.0

167 37.2 29.2 43.8



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





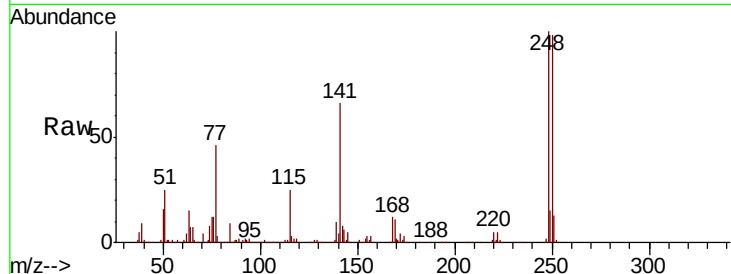
#67
 4-Bromophenyl-phenylether
 Concen: 43.418 ng
 RT: 10.92 min Scan# 1501
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMS

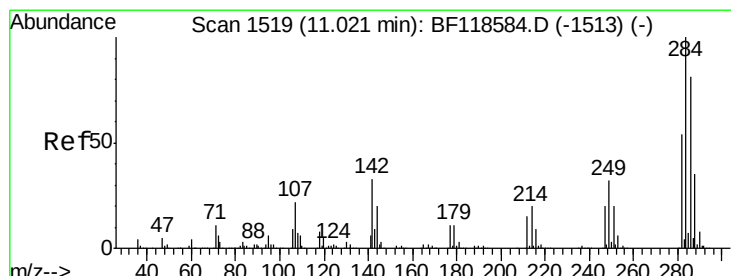
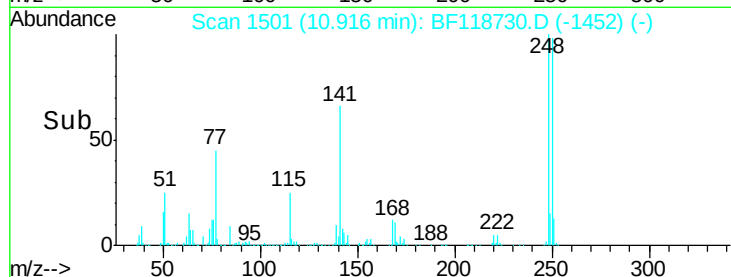
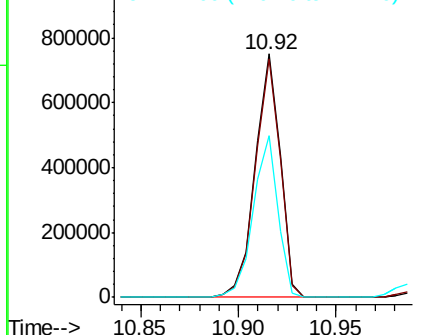
Tot Ion:	248	Resp:	670012
Ion Ratio	Lower	Upper	
248	100		
250	97.9	78.7	118.1
141	66.3	48.4	72.6

Manual Integrations
 APPROVED

mohammad
 1/30/2020 10:18:09 AM

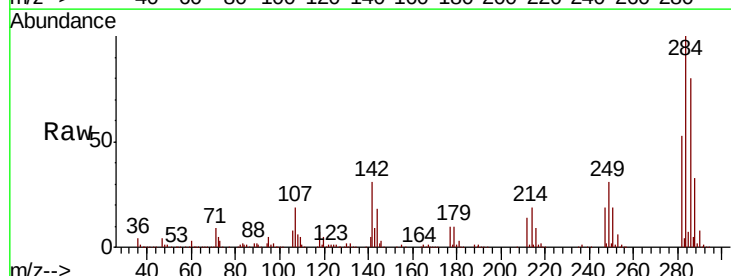


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

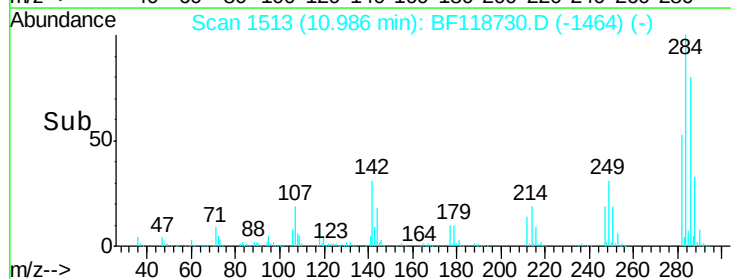
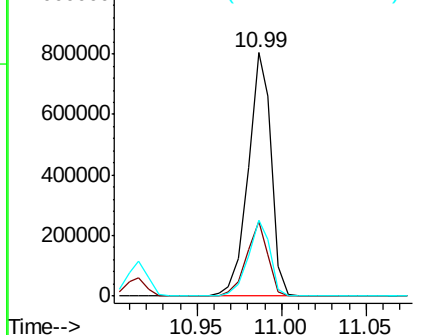


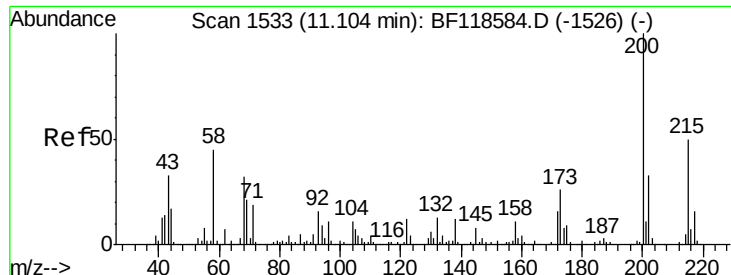
#68
 Hexachlorobenzene
 Concen: 43.573 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion:	284	Resp:	762324
Ion Ratio	Lower	Upper	
284	100		
142	30.7	23.1	34.7
249	31.1	24.0	36.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





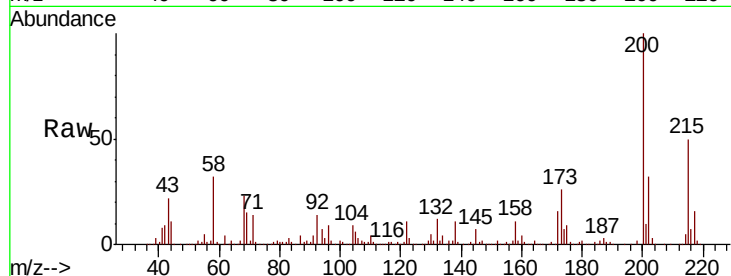
#69
Atrazine
Concen: 47.377 ng
RT: 11.07 min Scan# 1528
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	26.0	6.8	46.8
215	49.8	30.4	70.4

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM

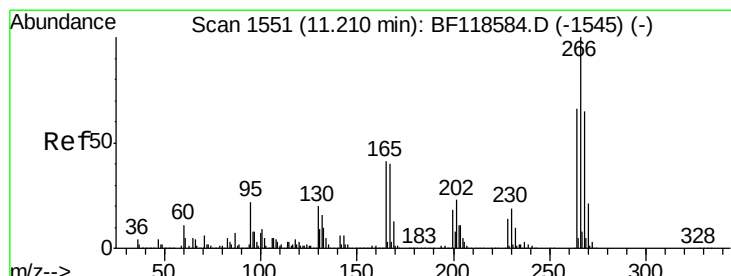
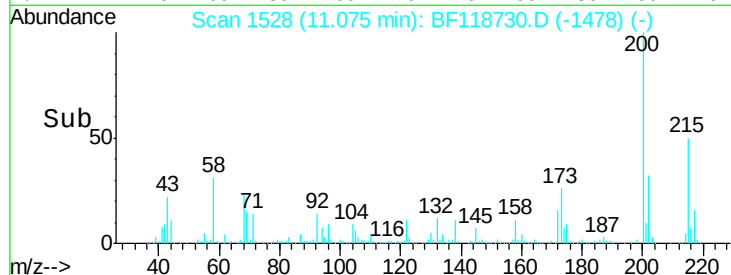
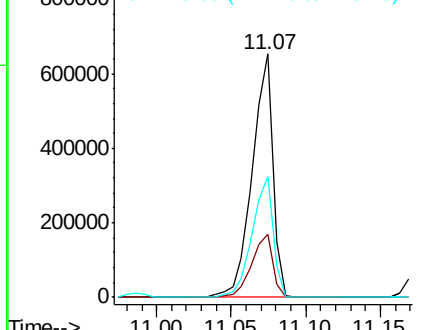


Abundance

Ion 200.00 (199.70 to 200.70): E

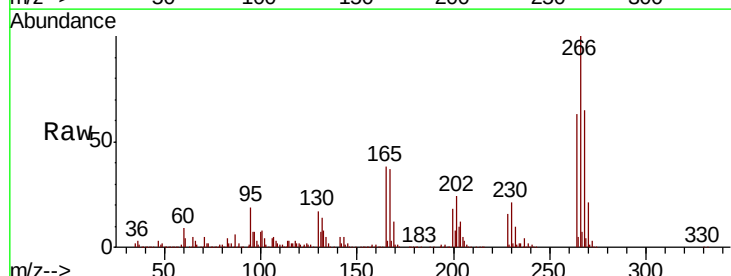
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 82.219 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.7	51.6	77.4
264	63.3	50.9	76.3

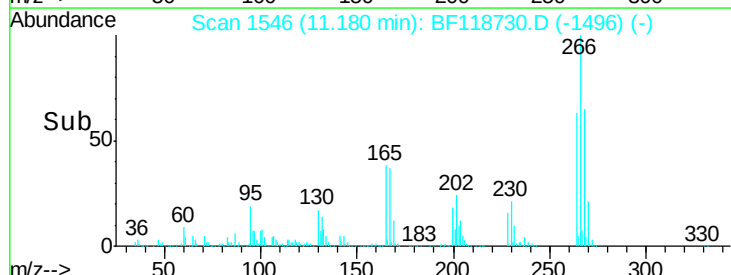
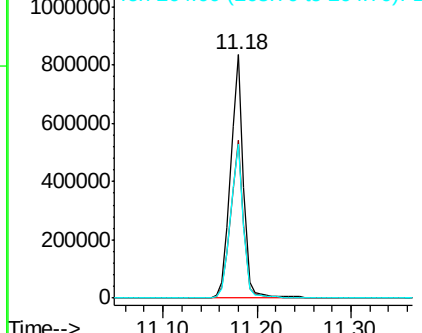


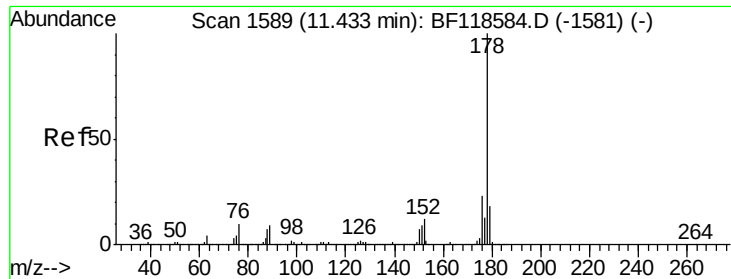
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





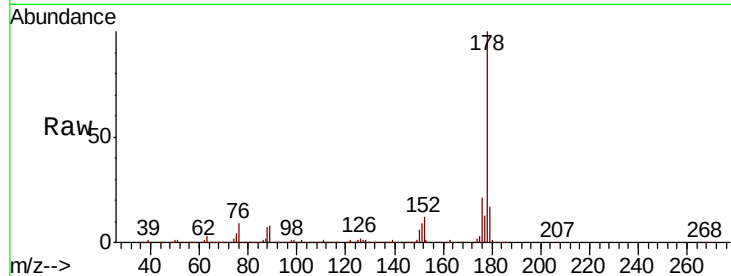
#71
Phenanthrene
Concen: 45.173 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

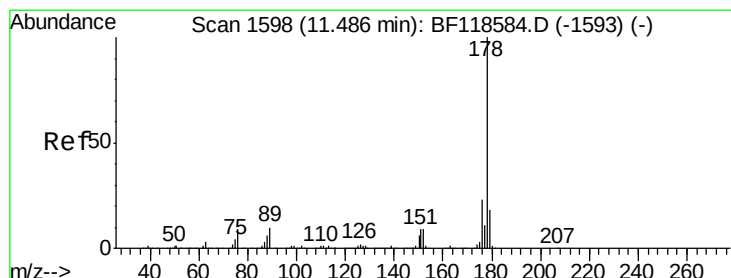
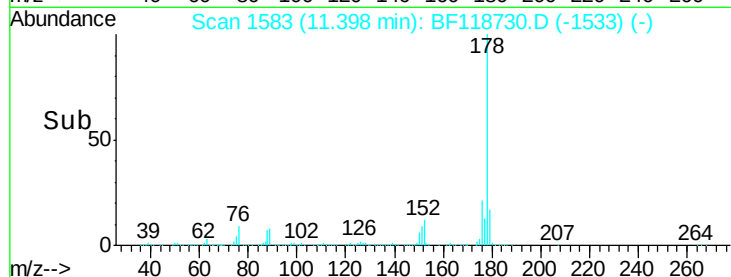
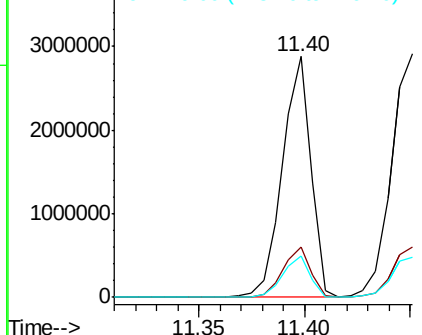
Tot Ion:178 Resp: 2722106
Ion Ratio Lower Upper
178 100
176 21.1 16.5 24.7
179 16.9 13.3 19.9

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM



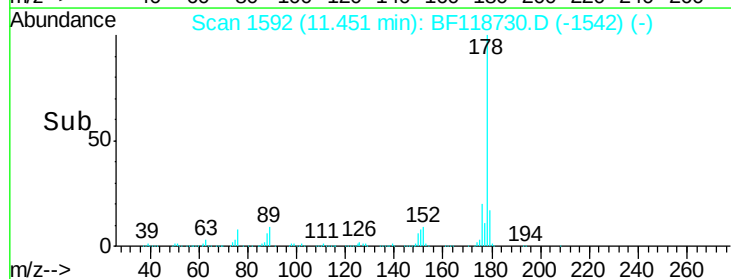
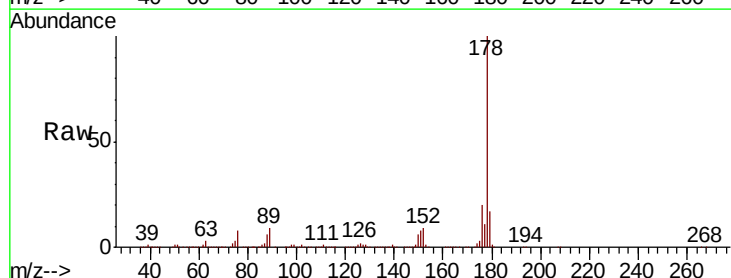
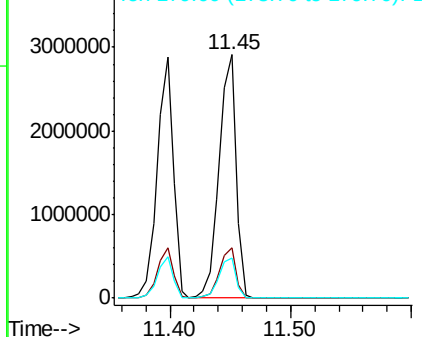
Abundance Ion 178.00 (177.70 to 178.70): E
4000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

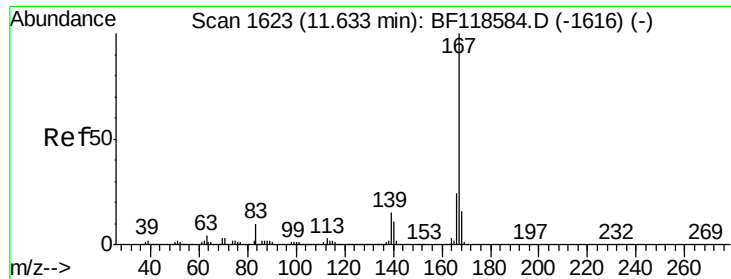


#72
Anthracene
Concen: 47.141 ng
RT: 11.45 min Scan# 1592
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion:178 Resp: 2810858
Ion Ratio Lower Upper
178 100
176 20.4 15.8 23.8
179 16.7 13.3 19.9

Abundance Ion 178.00 (177.70 to 178.70): E
4000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





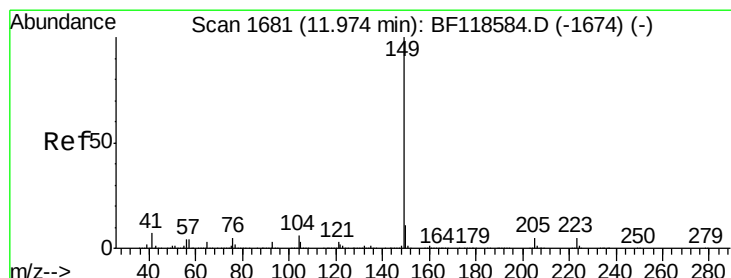
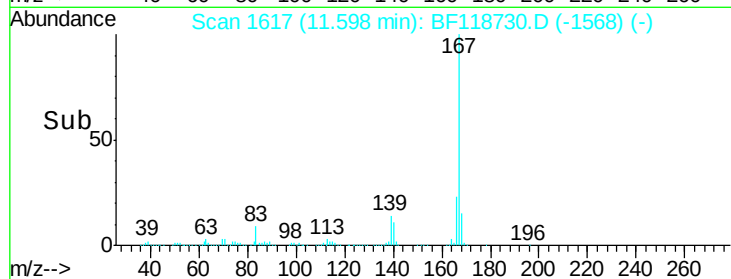
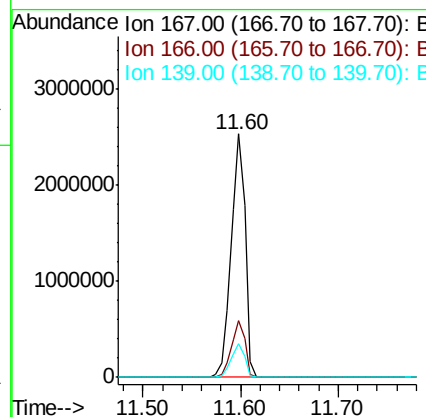
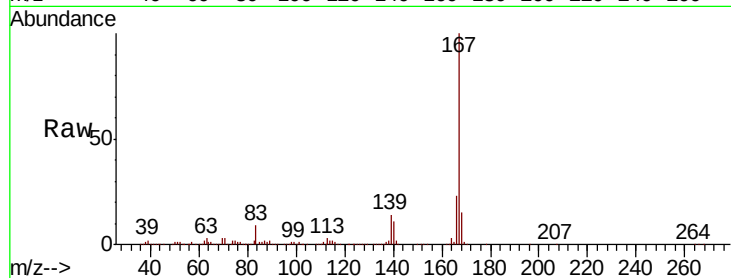
#73
 Carbazole
 Concen: 46.041 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	23.1	18.3	27.5
139	14.0	11.0	16.4

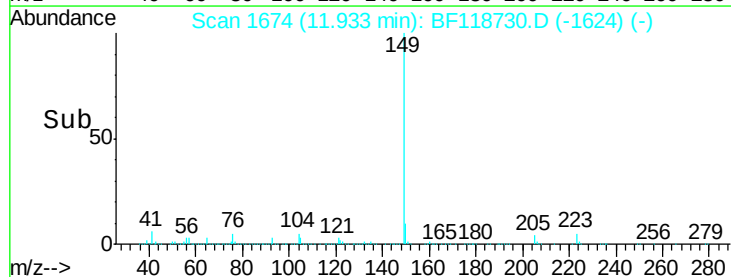
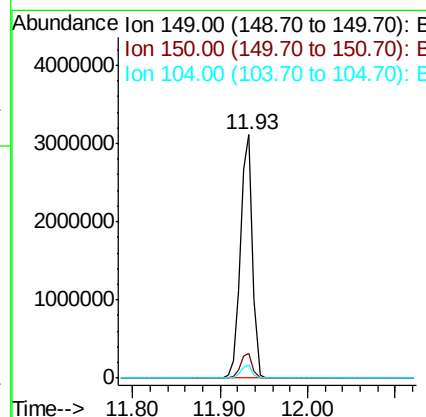
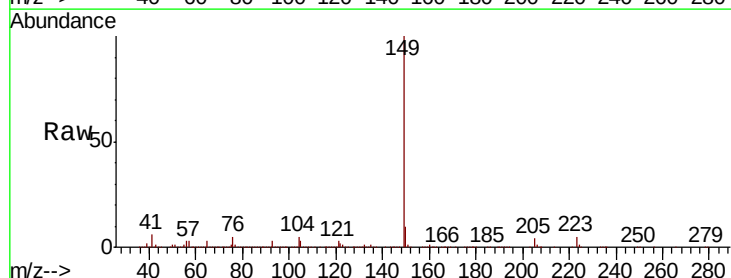
Manual Integrations
 APPROVED

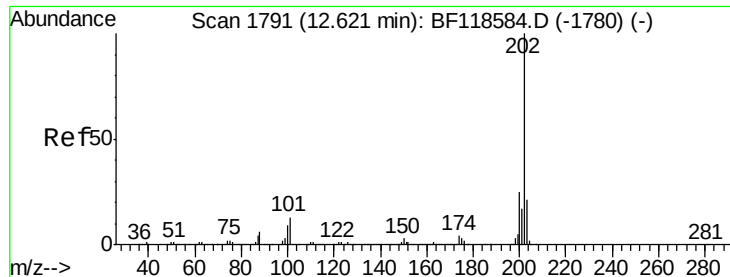
mohammad
 1/30/2020 10:18:09 AM



#74
 Di-n-butylphthalate
 Concen: 47.897 ng
 RT: 11.93 min Scan# 1674
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	8.2	12.2
104	5.2	4.2	6.4





#75

Fluoranthene

Concen: 46.570 ng

RT: 12.58 min Scan# 1784

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

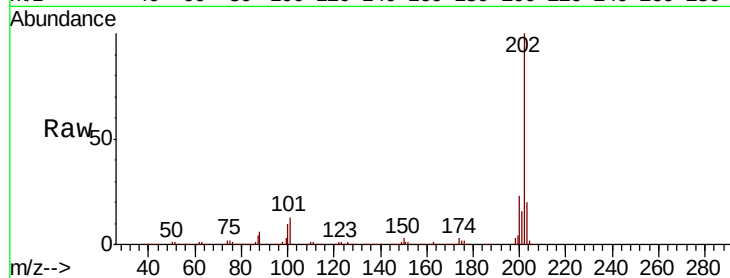
ClientSampleId :

TP-32-33-COMPMS

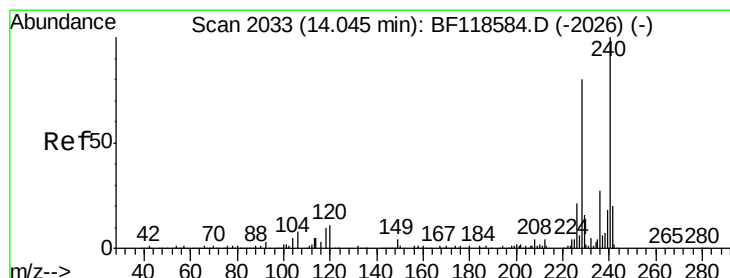
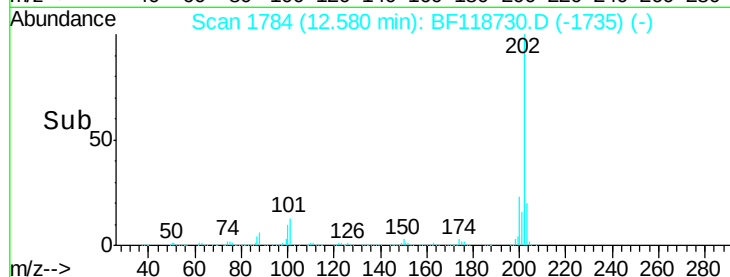
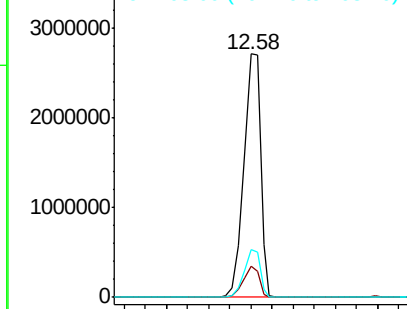
Tot Ion:	202	Resp:	2959802
Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.1
203	19.6	0.0	38.9

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM



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



#76

Chrysene-d12

Concen: 20.000 ng

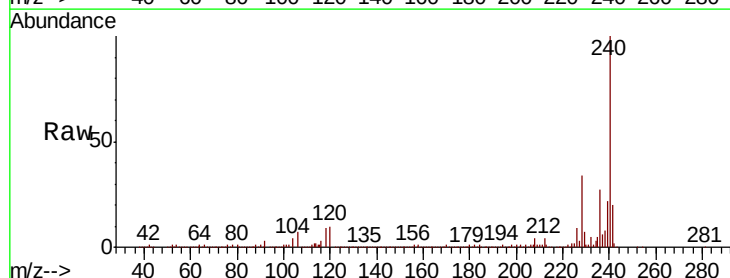
RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

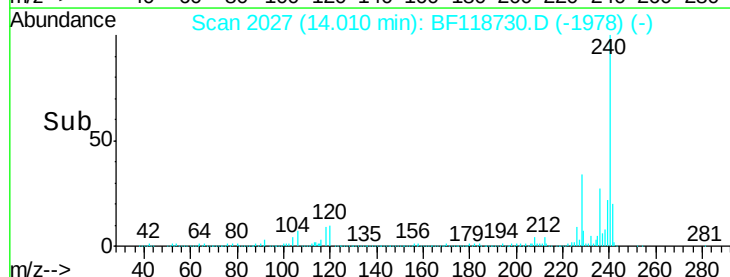
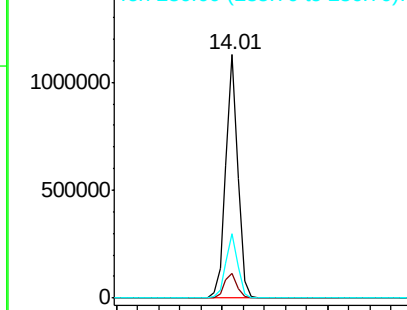
Lab File: BF118730.D

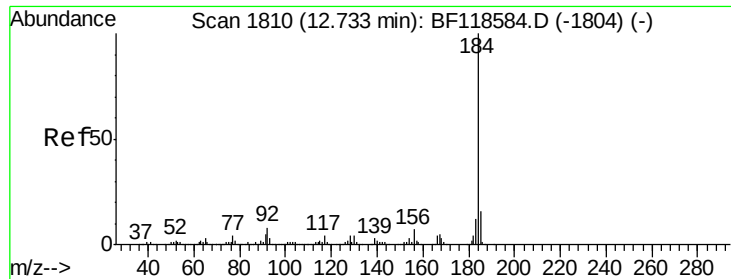
Acq: 29 Jan 2020 14:41

Tgt Ion:	240	Resp:	902067
Ion	Ratio	Lower	Upper
240	100		
120	10.1	7.6	11.4
236	26.7	21.0	31.4



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





#77

Benzidine

Concen: 63.159 ng

RT: 12.70 min Scan# 1804

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

Instrument :

BNA_F

ClientSampleId :

TP-32-33-COMPMS

Tot Ion:184 Resp: 1522284

Ion Ratio Lower Upper

184 100

185 15.2 11.8 17.8

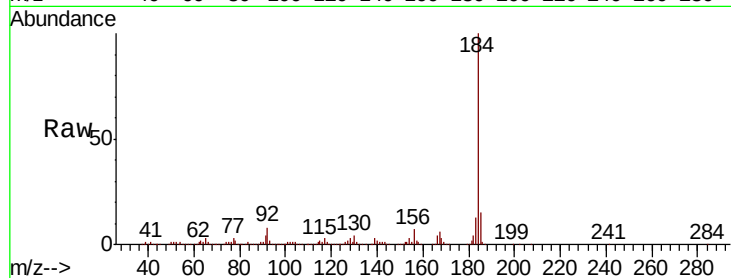
183 12.6 9.7 14.5

Manual Integrations

APPROVED

mohammad

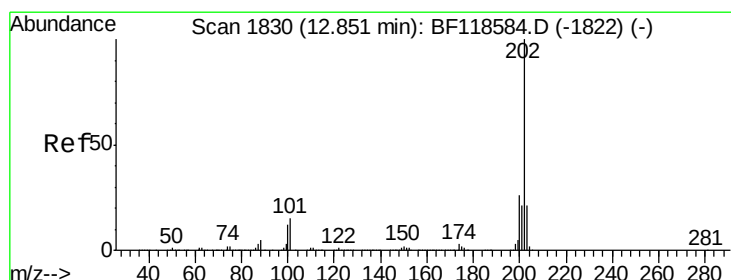
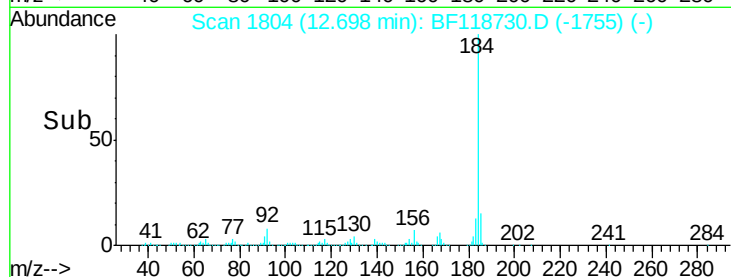
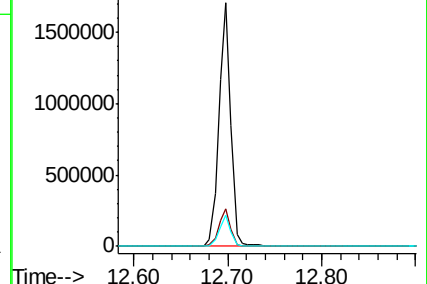
1/30/2020 10:18:09 AM



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: 48.577 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BF118730.D

Acq: 29 Jan 2020 14:41

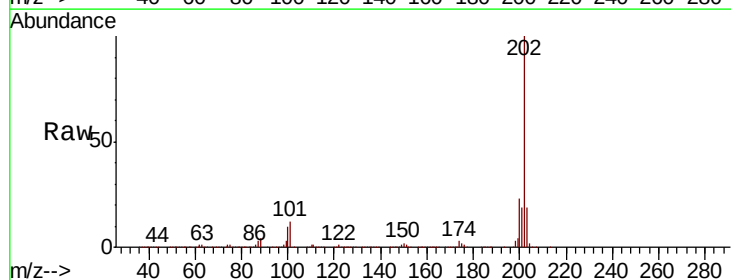
Tgt Ion:202 Resp: 2974957

Ion Ratio Lower Upper

202 100

200 22.9 18.1 27.1

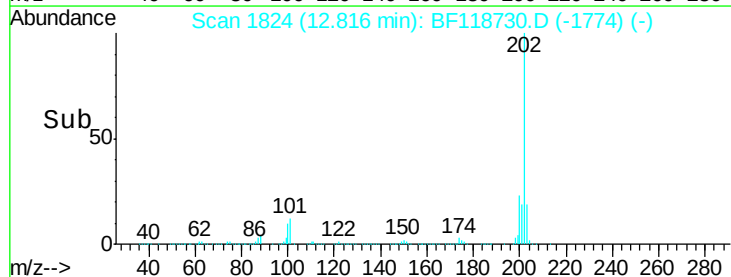
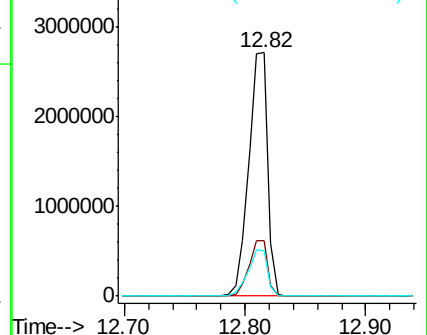
203 18.7 15.2 22.8

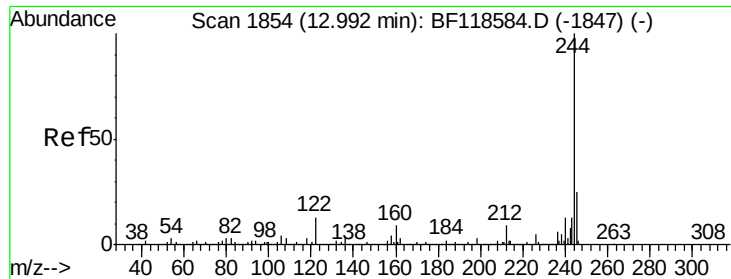


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





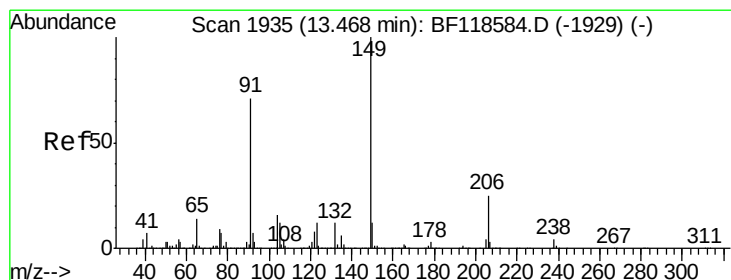
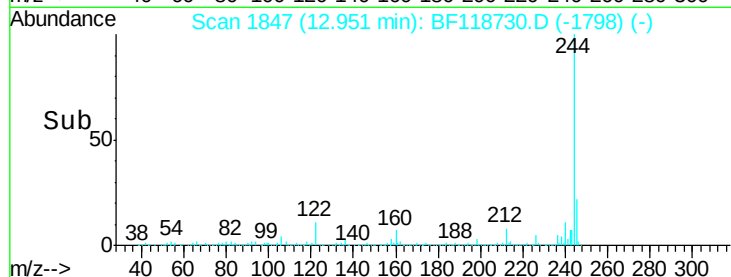
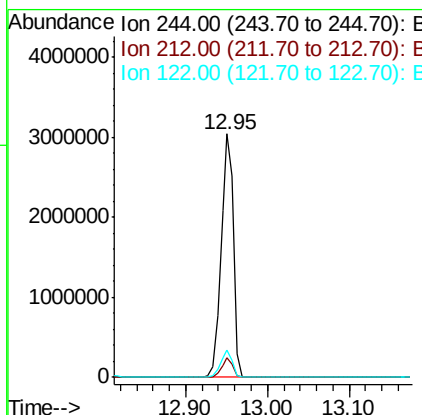
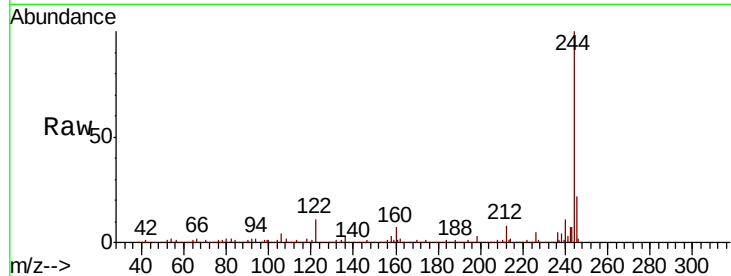
#79
 Terphenyl-d14
 Concen: 76.070 ng
 RT: 12.95 min Scan# 1847
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Instrument :
 BNA_F
 ClientSampleId :
 TP-32-33-COMPMS

Tot Ion:244 Resp: 3146133
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.3 9.5
 122 11.3 9.2 13.8

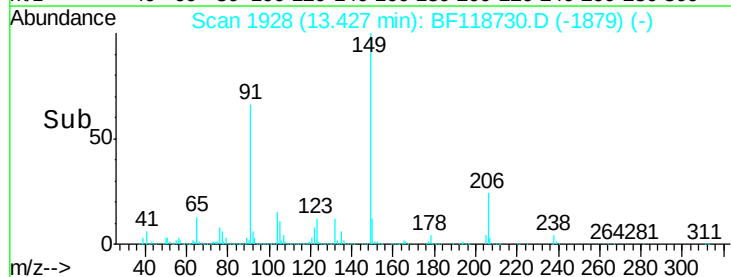
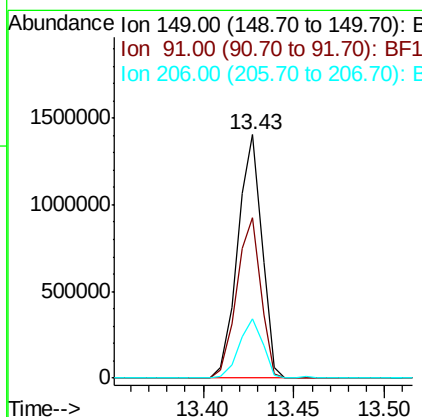
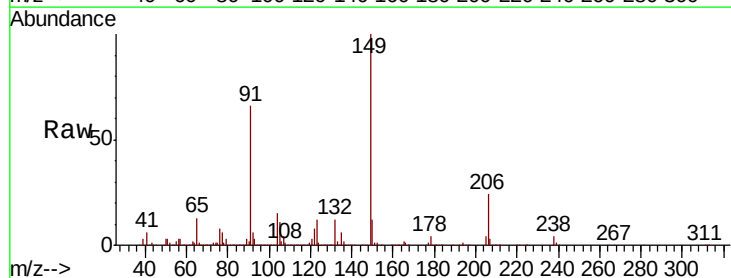
Manual Integrations
 APPROVED

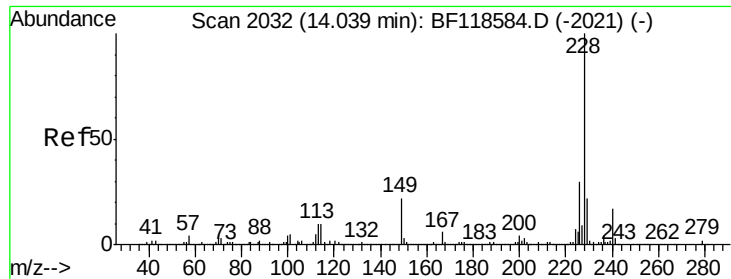
mohammad
 1/30/2020 10:18:09 AM



#80
 Butylbenzylphthalate
 Concen: 51.725 ng
 RT: 13.43 min Scan# 1928
 Delta R.T. -0.01 min
 Lab File: BF118730.D
 Acq: 29 Jan 2020 14:41

Tgt Ion:149 Resp: 1296430
 Ion Ratio Lower Upper
 149 100
 91 66.0 49.6 74.4
 206 24.4 19.9 29.9





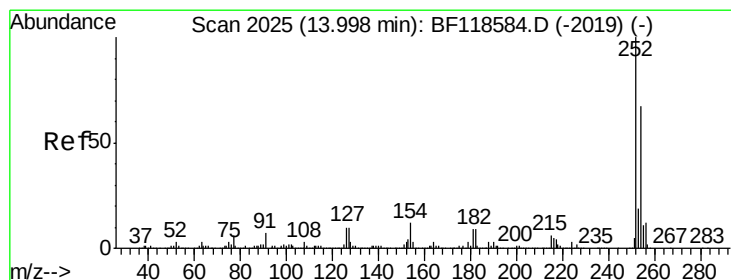
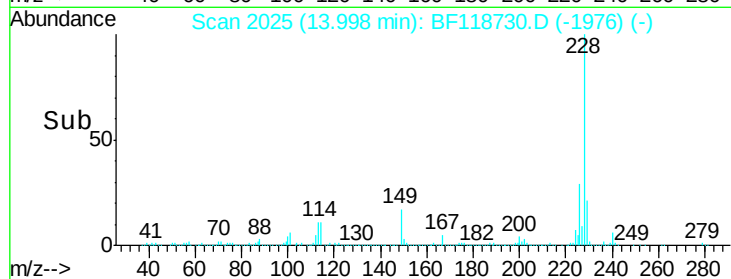
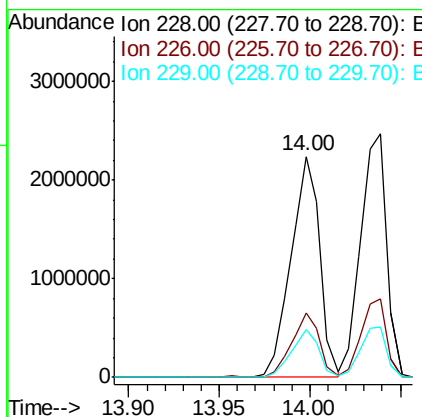
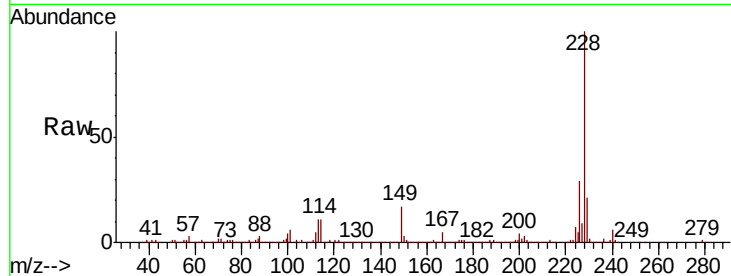
#81
Benzo(a)anthracene
Concen: 45.983 ng
RT: 14.00 min Scan# 2025
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.6	34.0
229	21.5	16.6	25.0

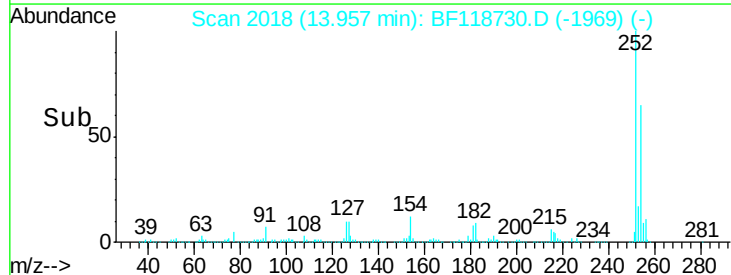
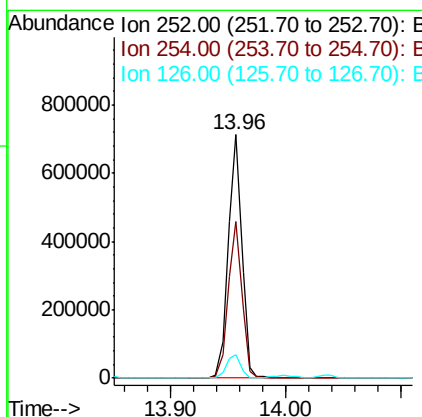
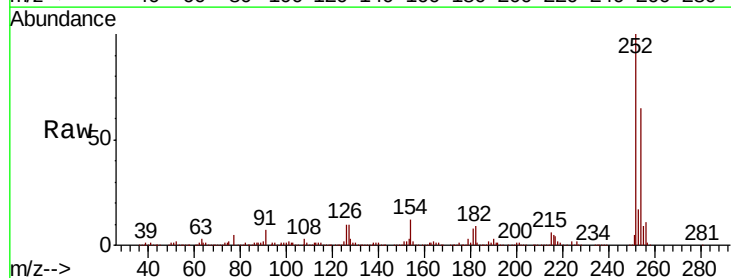
Manual Integrations
APPROVED

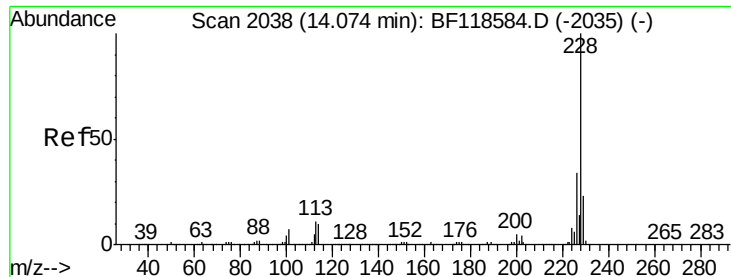
mohammad
1/30/2020 10:18:09 AM



#82
3,3'-Dichlorobenzidine
Concen: 30.136 ng
RT: 13.96 min Scan# 2018
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.6	52.6	78.8
126	9.7	8.1	12.1





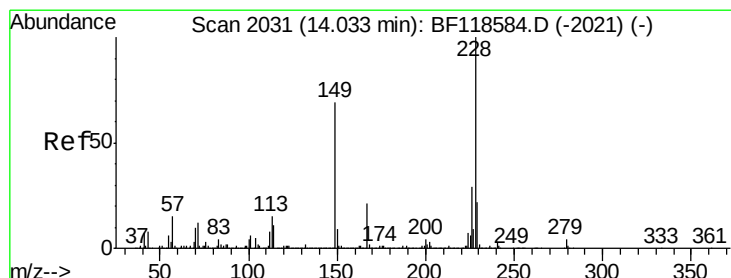
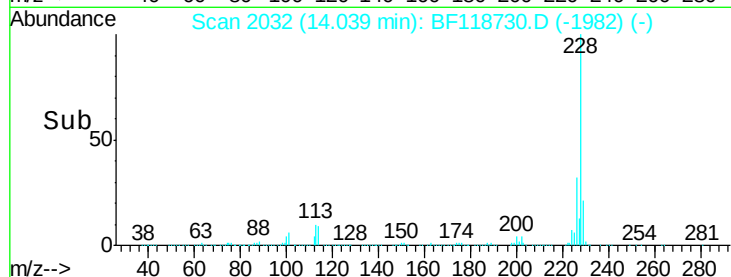
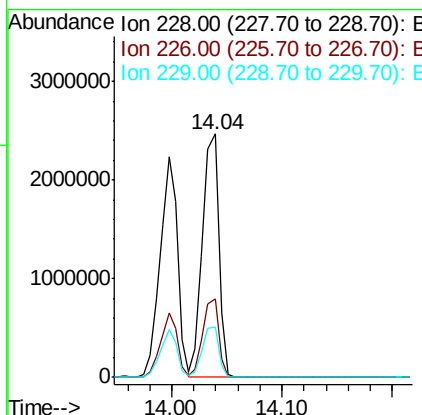
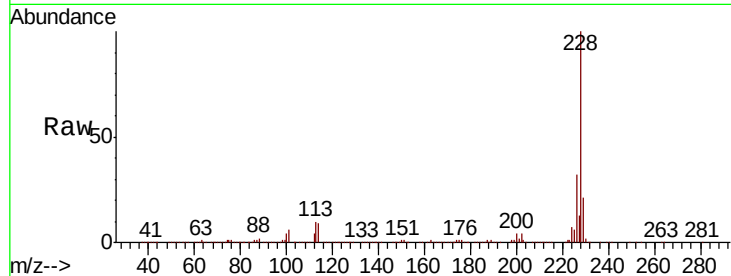
#83
Chrysene
Concen: 47.579 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion:228 Resp: 2474452
Ion Ratio Lower Upper
228 100
226 32.2 25.6 38.4
229 20.9 17.1 25.7

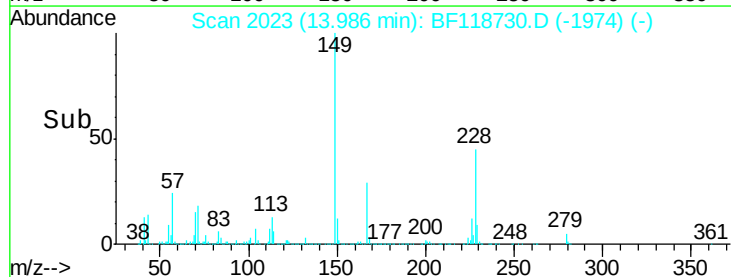
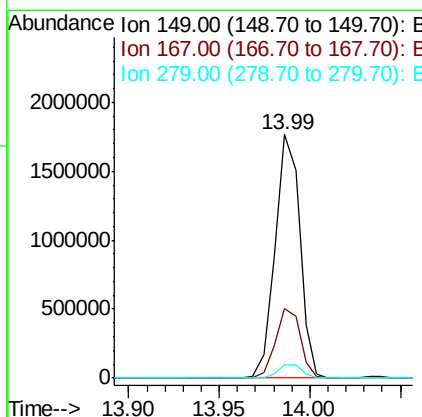
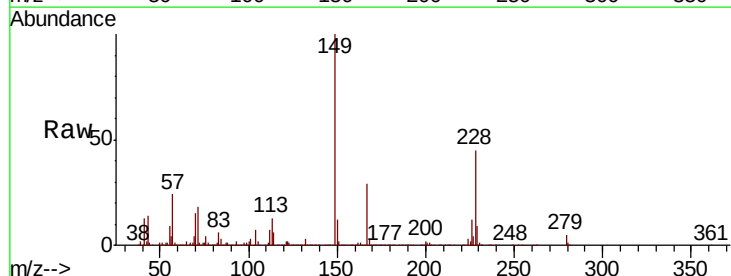
Manual Integrations
APPROVED

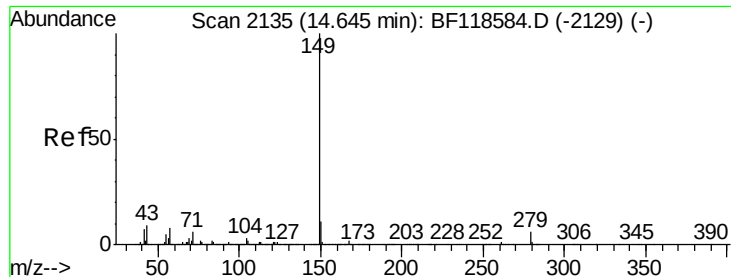
mohammad
1/30/2020 10:18:09 AM



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.828 ng
RT: 13.99 min Scan# 2023
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion:149 Resp: 1678923
Ion Ratio Lower Upper
149 100
167 28.6 23.6 35.4
279 5.2 4.5 6.7





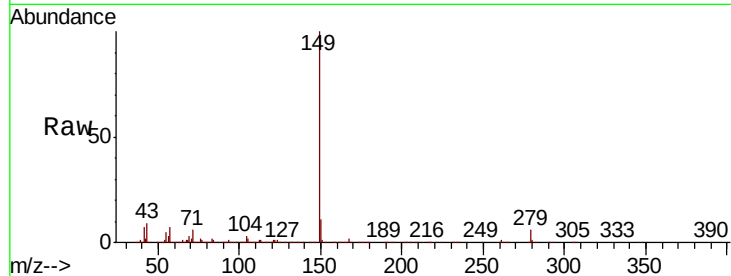
#85
Di-n-octyl phthalate
Concen: 60.851 ng
RT: 14.60 min Scan# 2127
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

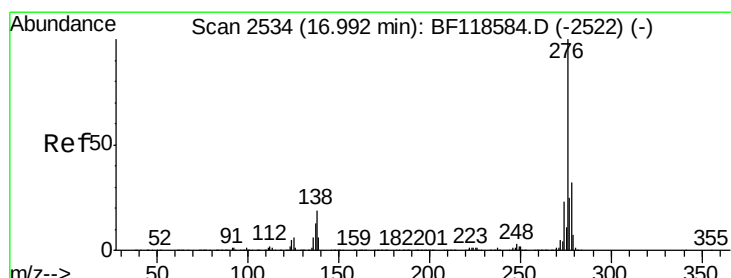
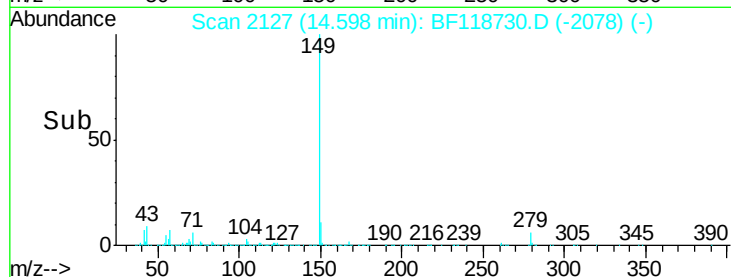
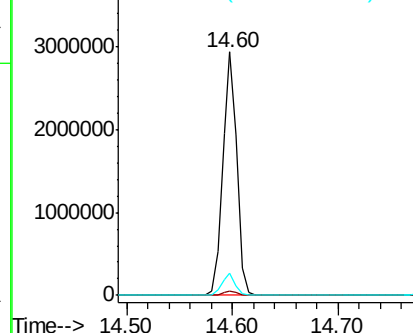
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.4	6.6	10.0

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM

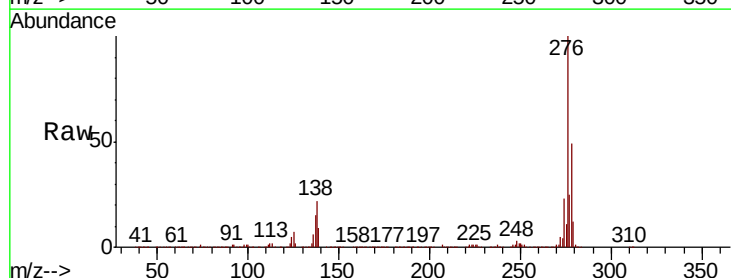


Abundance Ion 149.00 (148.70 to 149.70): E
4000000
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

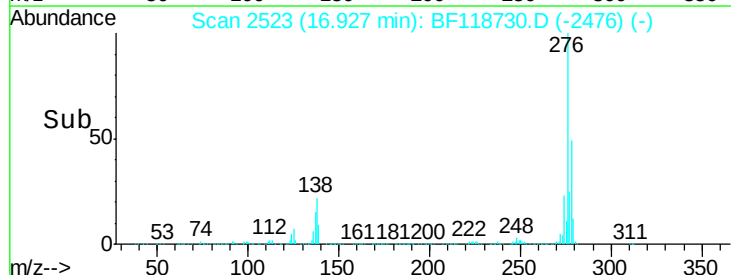
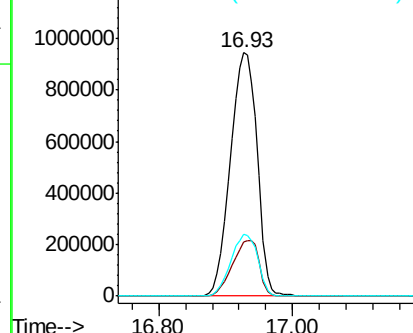


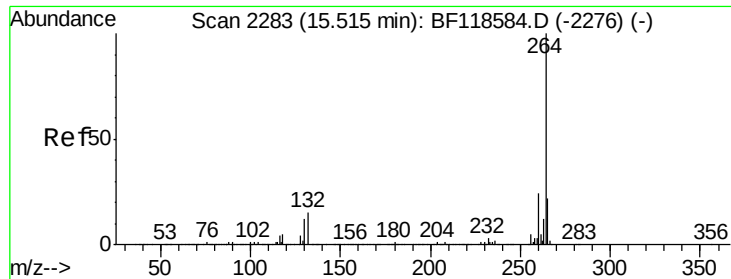
#86
Indeno(1,2,3-cd)pyrene
Concen: 59.066 ng
RT: 16.93 min Scan# 2523
Delta R.T. -0.02 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.2	27.4
277	25.7	20.4	30.6



Abundance Ion 276.00 (275.70 to 276.70): E
1200000
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





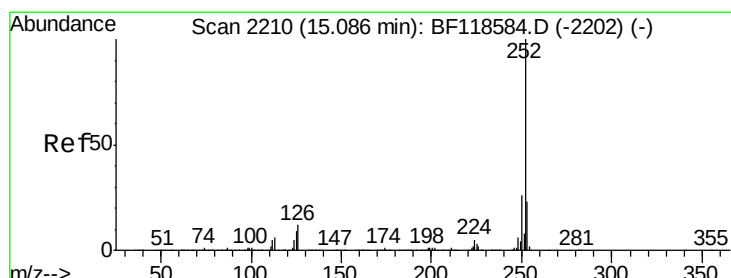
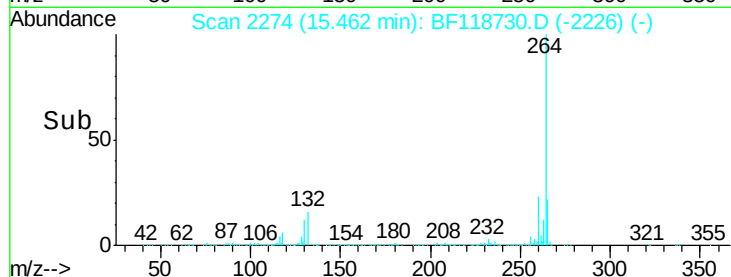
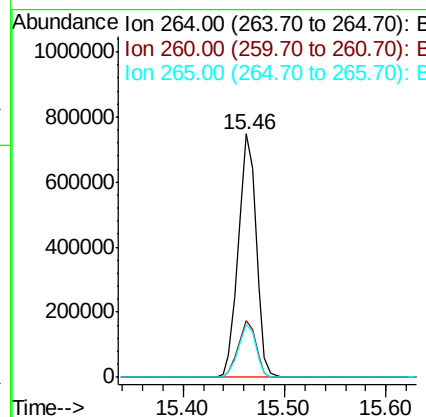
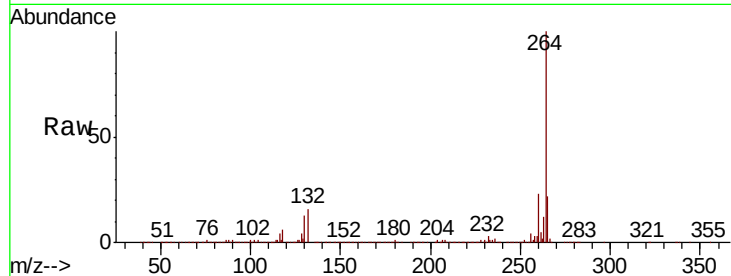
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.46 min Scan# 2274
Delta R.T. -0.02 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
264	100				
260	23.4	18.6	28.0		
265	21.7	17.0	25.6		

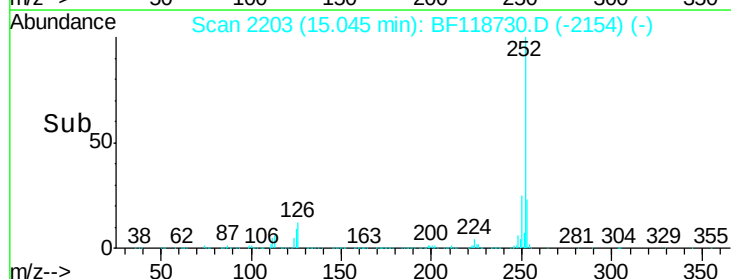
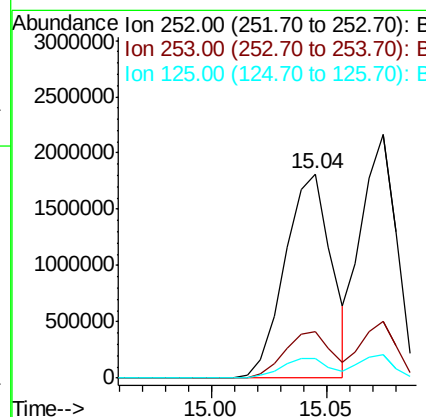
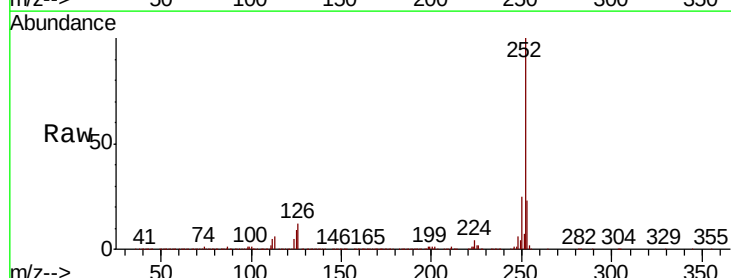
Manual Integrations
APPROVED

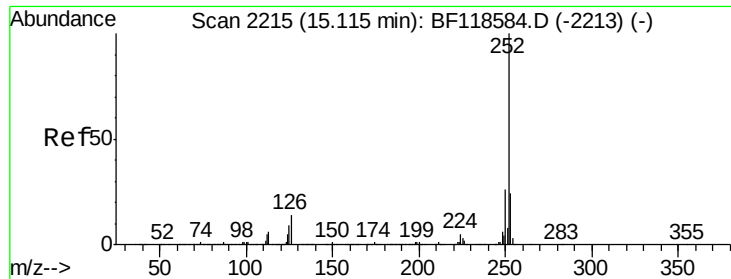
mohammad
1/30/2020 10:18:09 AM



#88
Benzo(b)fluoranthene
Concen: 43.883 ng
RT: 15.04 min Scan# 2203
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
252	100				
253	22.8	18.2	27.4		
125	9.5	7.7	11.5		





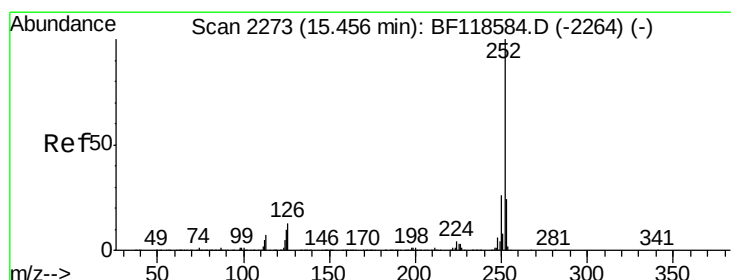
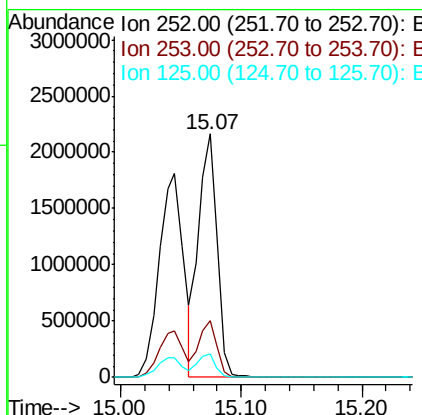
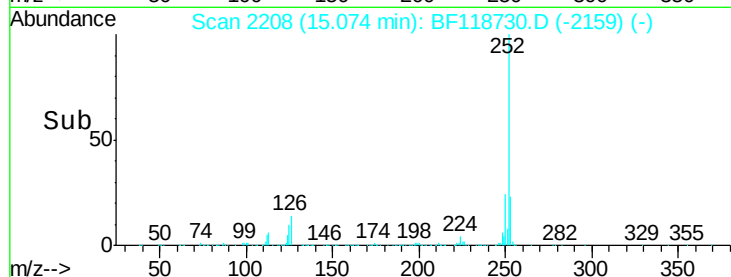
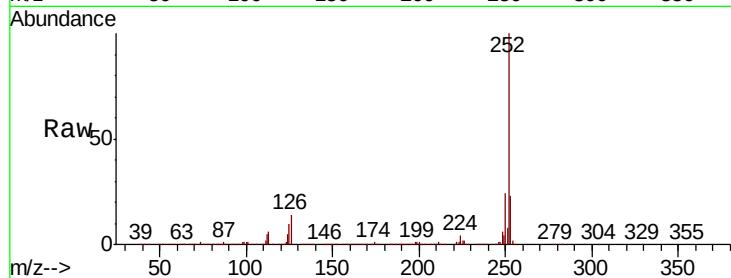
#89
Benzo(k)fluoranthene
Concen: 43.082 ng
RT: 15.07 min Scan# 2208
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion:252 Resp: 2314649
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 9.7 8.1 12.1

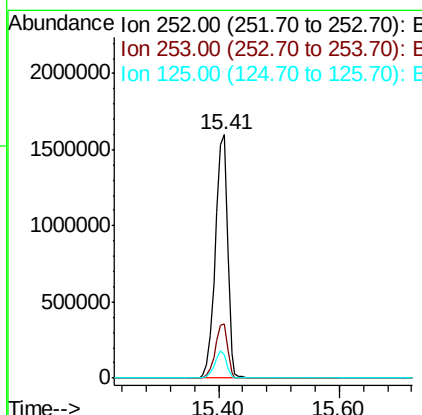
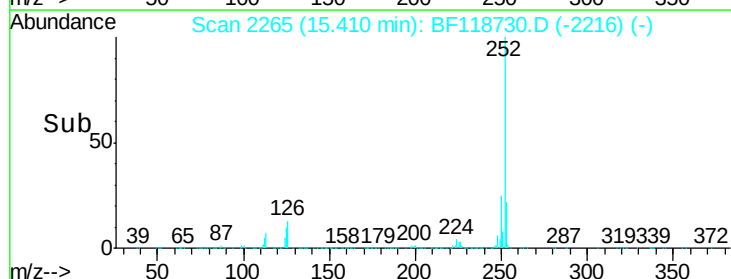
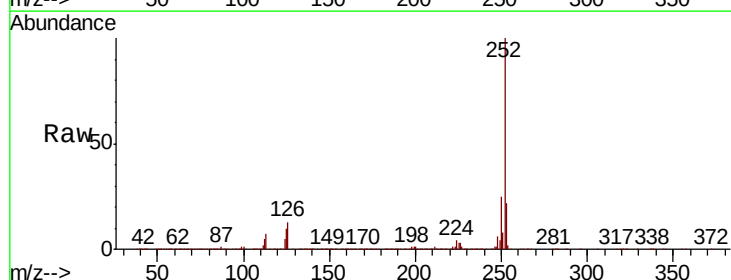
Manual Integrations
APPROVED

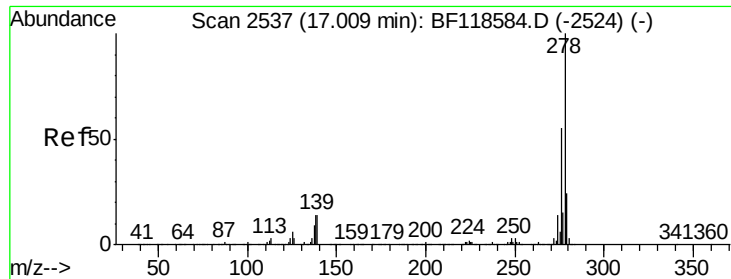
mohammad
1/30/2020 10:18:09 AM



#90
Benzo(a)pyrene
Concen: 44.342 ng
RT: 15.41 min Scan# 2265
Delta R.T. -0.01 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion:252 Resp: 2218219
Ion Ratio Lower Upper
252 100
253 22.3 18.2 27.4
125 9.7 8.3 12.5





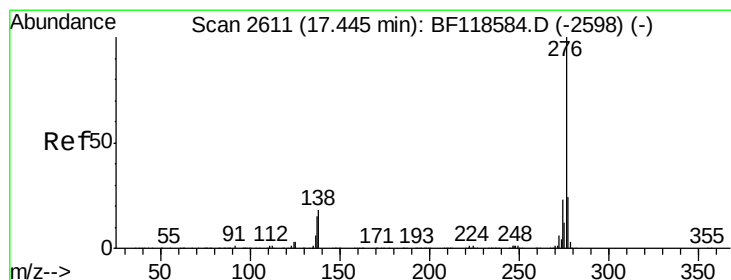
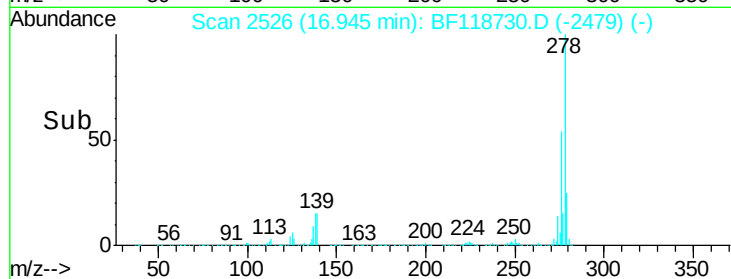
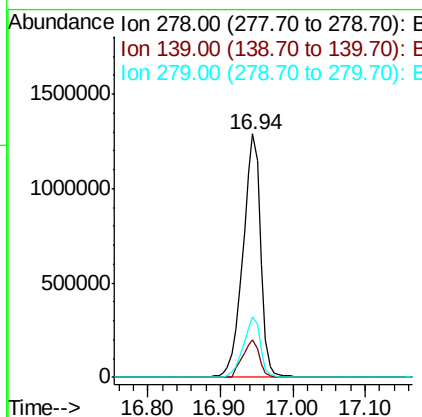
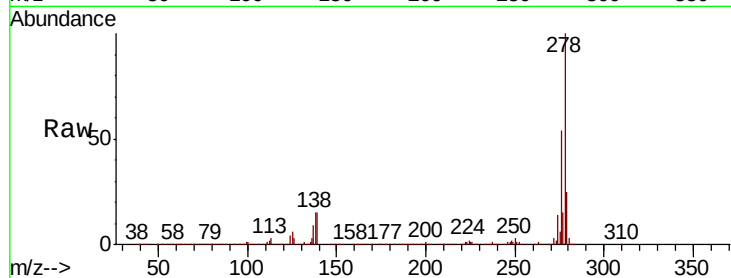
#91
Dibenzo(a,h)anthracene
Concen: 49.449 ng
RT: 16.94 min Scan# 2526
Delta R.T. -0.02 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Instrument :
BNA_F
ClientSampleId :
TP-32-33-COMPMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.8	17.6
279	24.9	19.1	28.7

Manual Integrations
APPROVED

mohammad
1/30/2020 10:18:09 AM



#92
Benzo(g,h,i)perylene
Concen: 52.385 ng
RT: 17.37 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BF118730.D
Acq: 29 Jan 2020 14:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.0	28.6
138	19.2	15.4	23.2

