

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
 Data File : BP002250.D
 Acq On : 05 May 2020 22:43
 Operator : CG/JU
 Sample : L2475-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-SF-03-009-AMSD

Manual Integrations
 APPROVED

mohammad

Quant Time: May 06 02:18:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 13:34:25 2020
 Response via : Initial Calibration

5/6/2020 6:44:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	442967	20.00	ng	0.00
21) Naphthalene-d8	10.39	136	1878910	20.00	ng	0.00
39) Acenaphthene-d10	14.26	164	1101781	20.00	ng	0.00
64) Phenanthrene-d10	17.02	188	2264559	20.00	ng	0.00
76) Chrysene-d12	21.12	240	1219873	20.00	ng	0.00
87) Perylene-d12	23.32	264	1304374	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.24	112	3187666	118.71	ng	0.01
7) Phenol-d6	6.81	99	4324316	109.63	ng	0.02
23) Nitrobenzene-d5	8.76	82	2870392	78.89	ng	0.00
42) 2,4,6-Tribromophenol	15.76	330	1175918	100.84	ng	0.00
45) 2-Fluorobiphenyl	12.88	172	5093150	64.74	ng	0.00
79) Terphenyl-d14	19.60	244	5355752	107.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.19	88	352178	30.296	ng	100
3) Pyridine	3.56	79	686028	18.516	ng	99
4) n-Nitrosodimethylamine	3.49	42	509572	37.362	ng	97
6) Aniline	6.96	93	1628203m	30.193	ng	
8) 2-Chlorophenol	7.19	128	1329746	43.813	ng	97
9) Benzaldehyde	6.76	77	948037	48.786	ng	99
10) Phenol	6.83	94	1722572	41.431	ng	97
11) bis(2-Chloroethyl)ether	7.05	93	1515046	43.307	ng	96
12) 1,3-Dichlorobenzene	7.51	146	1348885	39.833	ng	98
13) 1,4-Dichlorobenzene	7.65	146	1368906	39.956	ng	98
14) 1,2-Dichlorobenzene	7.97	146	1289243	38.478	ng	99
15) Benzyl Alcohol	7.86	79	1187709	39.664	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.15	45	1774445	36.582	ng	100
17) 2-Methylphenol	8.07	107	1154072	37.791	ng	100
18) Hexachloroethane	8.69	117	440337	35.764	ng	95
19) n-Nitroso-di-n-propylamine	8.43	70	954826	34.735	ng	100
20) 3+4-Methylphenols	8.40	107	1551660	36.791	ng	99
22) Acetophenone	8.43	105	1841564	37.947	ng	99
24) Nitrobenzene	8.80	77	1522612	39.284	ng	99
25) Isophorone	9.33	82	2879409	35.925	ng	99
26) 2-Nitrophenol	9.51	139	687597	47.662	ng	99
27) 2,4-Dimethylphenol	9.59	122	1242334	44.154	ng	99
28) bis(2-Chloroethoxy)methane	9.82	93	1758401	37.863	ng	99
29) 2,4-Dichlorophenol	10.05	162	1273371	42.634	ng	97
30) 1,2,4-Trichlorobenzene	10.26	180	1308523	39.700	ng	98
31) Naphthalene	10.45	128	3958857	38.878	ng	99
32) Benzoic acid	9.75	122	778328	41.640	ng	97
33) 4-Chloroaniline	10.56	127	1288953	27.506	ng	99
34) Hexachlorobutadiene	10.75	225	734767	39.021	ng	97
35) Caprolactam	11.33	113	445422m	38.811	ng	
36) 4-Chloro-3-methylphenol	11.69	107	1361802	39.028	ng	99
37) 2-Methylnaphthalene	12.06	142	2808744	38.488	ng	96
38) 1-Methylnaphthalene	12.29	142	2646651	38.085	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.44	216	1375599	42.034	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
 Data File : BP002250.D
 Acq On : 05 May 2020 22:43
 Operator : CG/JU
 Sample : L2475-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-SF-03-009-AMSD

Manual Integrations
 APPROVED

mohammad

Quant Time: May 06 02:18:02 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 05 13:34:25 2020
 Response via : Initial Calibration

5/6/2020 6:44:50 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.43	237	256552	16.976	nq	99
43) 2,4,6-Trichlorophenol	12.69	196	972172	43.836	nq	94
44) 2,4,5-Trichlorophenol	12.76	196	1041971	39.832	nq	96
46) 1,1'-Biphenyl	13.09	154	3288731	38.090	nq	98
47) 2-Chloronaphthalene	13.13	162	2583443	38.626	nq	99
48) 2-Nitroaniline	13.33	65	884890	44.112	nq	97
49) Acenaphthylene	13.98	152	4394607	40.544	nq	99
50) Dimethylphthalate	13.73	163	3458128	39.820	nq	98
51) 2,6-Dinitrotoluene	13.84	165	714505	39.967	nq	99
52) Acenaphthene	14.33	154	2579242m	37.710	nq	
53) 3-Nitroaniline	14.16	138	588569	27.563	nq	95
54) 2,4-Dinitrophenol	14.37	184	224646	30.741	nq	98
55) Dibenzofuran	14.66	168	3887251	37.632	nq	98
56) 4-Nitrophenol	14.50	139	1353970	79.953	nq	96
57) 2,4-Dinitrotoluene	14.63	165	942411	39.797	nq	97
58) Fluorene	15.32	166	2610857	31.807	nq	98
59) 2,3,4,6-Tetrachlorophenol	14.90	232	858503	41.544	nq	99
60) Diethylphthalate	15.12	149	3092315	35.200	nq	98
61) 4-Chlorophenyl-phenylether	15.32	204	1241077	30.730	nq	96
62) 4-Nitroaniline	15.34	138	661173	32.601	nq	99
63) Azobenzene	15.62	77	3358136	36.504	nq	98
65) 4,6-Dinitro-2-methylphenol	15.40	198	171935	18.387	nq	95
66) n-Nitrosodiphenylamine	15.53	169	2614162	39.468	nq	98
67) 4-Bromophenyl-phenylether	16.22	248	911498	37.722	nq	95
68) Hexachlorobenzene	16.33	284	1010439	39.498	nq	99
69) Atrazine	16.50	200	809236	39.482	nq	100
70) Pentachlorophenol	16.67	266	1237349	80.568	nq	99
71) Phenanthrene	17.06	178	5496798	43.163	nq	98
72) Anthracene	17.15	178	4907868	39.114	nq	99
73) Carbazole	17.42	167	4458140	36.771	nq	98
74) Di-n-butylphthalate	18.01	149	5193750	37.972	nq	98
75) Fluoranthene	19.05	202	6680712	45.726	nq	97
77) Benzidine	19.22	184	2037417	56.356	nq	99
78) Pyrene	19.39	202	6233201	75.221	nq	96
80) Butylbenzylphthalate	20.29	149	1921981	71.538	nq	98
81) Benzo(a)anthracene	21.10	228	4121724	52.088	nq	96
82) 3,3'-Dichlorobenzidine	21.04	252	1294513	44.031	nq	96
83) Chrysene	21.15	228	3703338	47.654	nq	98
84) Bis(2-ethylhexyl)phthalate	21.06	149	2762555	59.301	nq	# 98
85) Di-n-octyl phthalate	21.93	149	4299882	49.974	nq	97
86) Indeno(1,2,3-cd)pyrene	25.56	276	4095493	38.732	nq	96
88) Benzo(b)fluoranthene	22.67	252	4168022	53.140	nq	97
89) Benzo(k)fluoranthene	22.72	252	3178792	39.565	nq	96
90) Benzo(a)pyrene	23.23	252	3549892	47.011	nq	98
91) Dibenzo(a,h)anthracene	25.58	278	2961480	38.615	nq	99
92) Benzo(g,h,i)perylene	26.24	276	3770964	46.527	nq	94

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP050520\
Data File : BP002250.D
Acq On : 05 May 2020 22:43
Operator : CG/JU
Sample : L2475-01MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

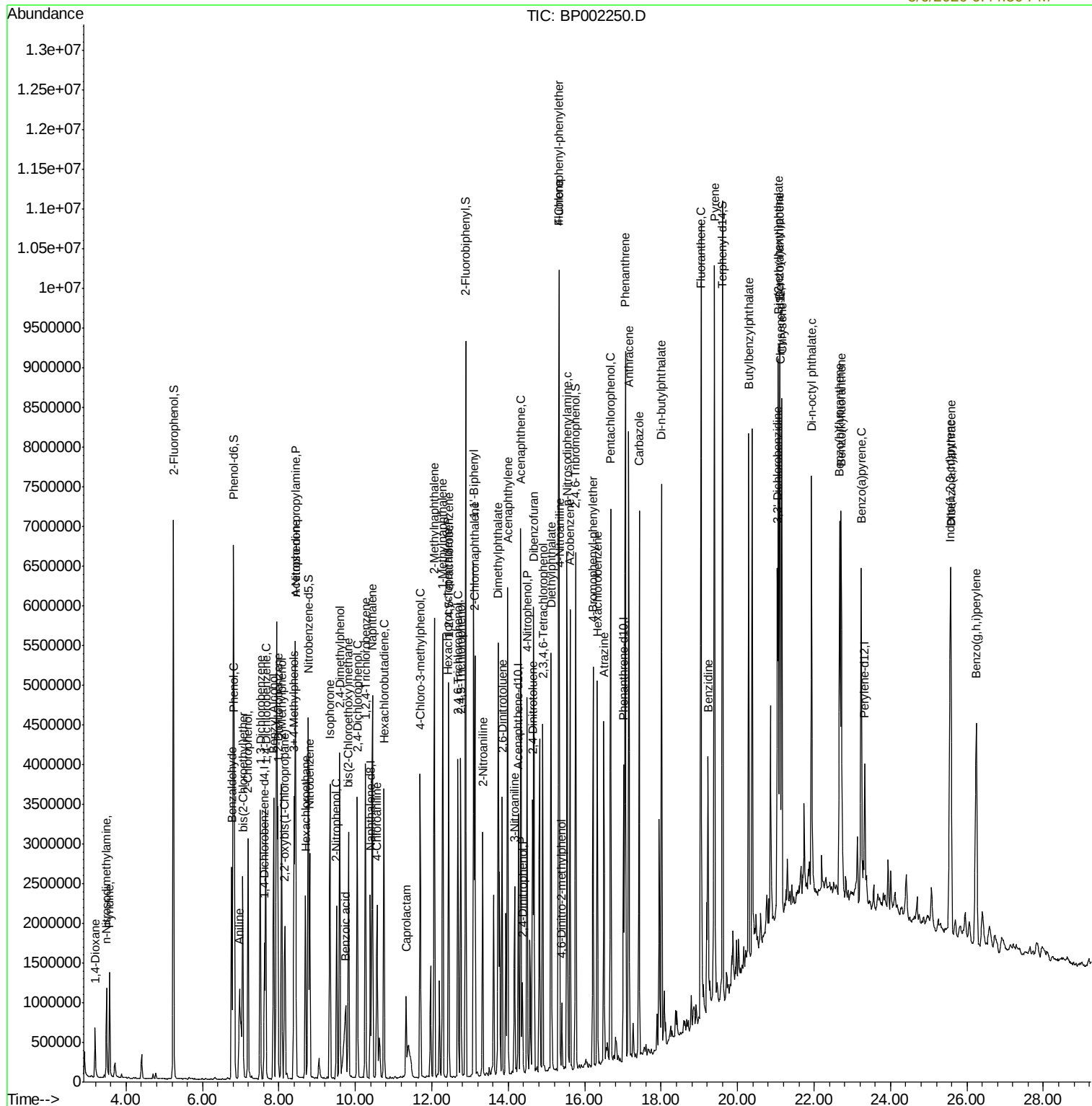
Instrument :
BNA_P
ClientSampleID :
FK-SF-03-009-AMSD

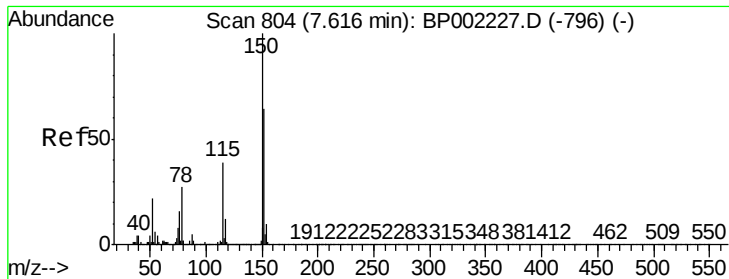
Manual Integrations
APPROVED

mohammad

Quant Time: May 06 02:18:02 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP050420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 05 13:34:25 2020
Response via : Initial Calibration

5/6/2020 6:44:50 PM





#1

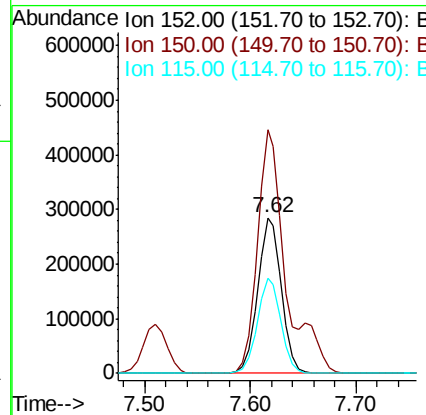
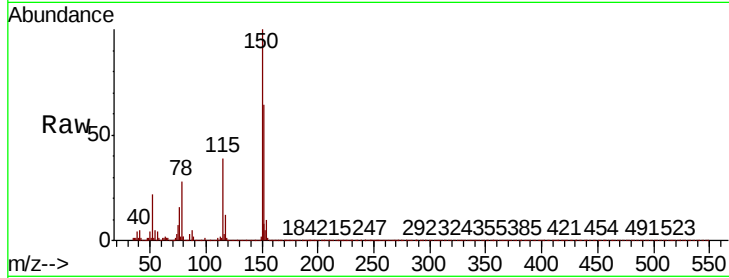
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 804
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

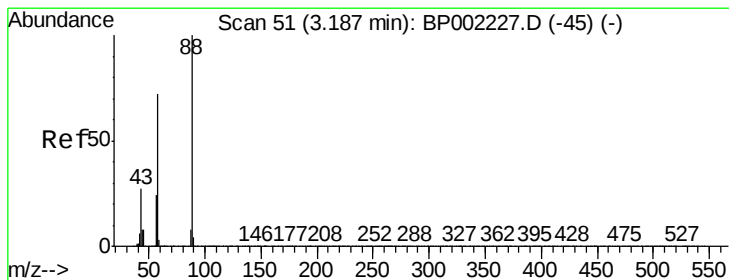
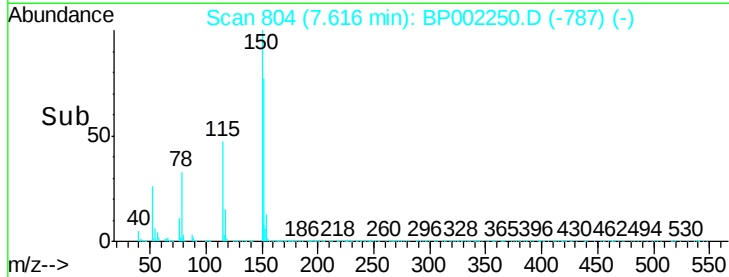
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.2	125.3	187.9
115	60.8	48.3	72.5

Manual Integrations
APPROVED

mohammad



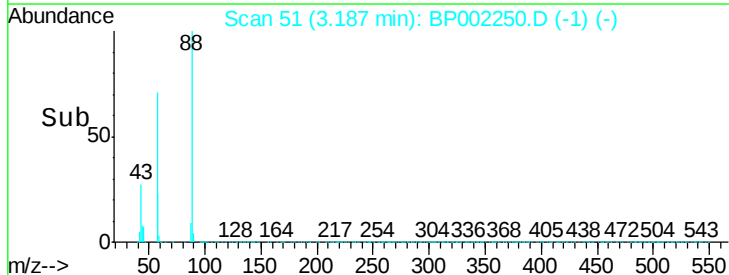
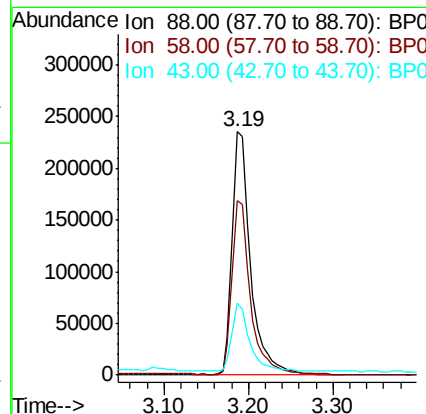
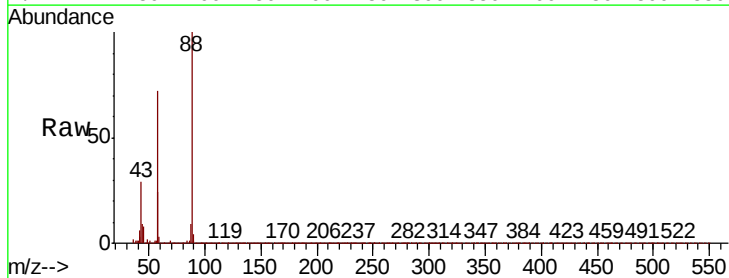
5/6/2020 6:44:50 PM

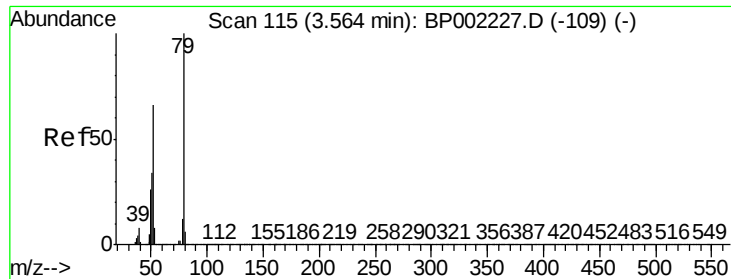


#2

1,4-Dioxane
Concen: 30.296 ng
RT: 3.19 min Scan# 51
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.0	57.8	86.8
43	27.4	21.8	32.6





#3

Pvridine

Concen: 18.516 ng

RT: 3.56 min Scan# 115

Delta R.T. 0.00 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Instrument :

BNA_P

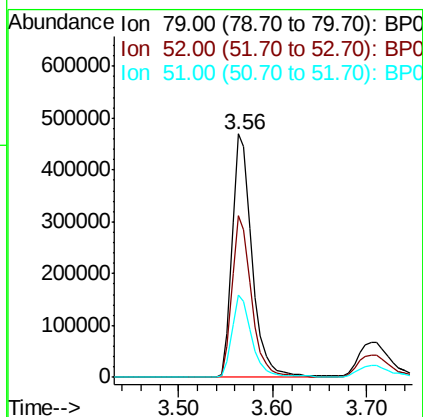
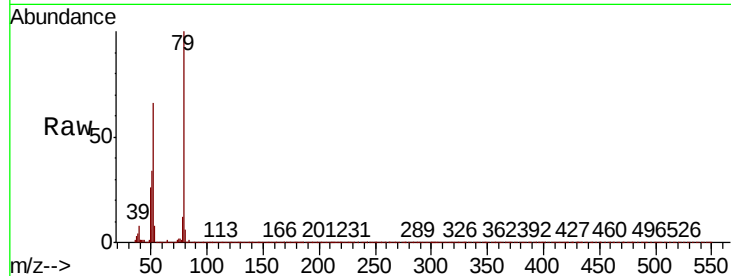
ClientSampleId :

FK-SF-03-009-AMSD

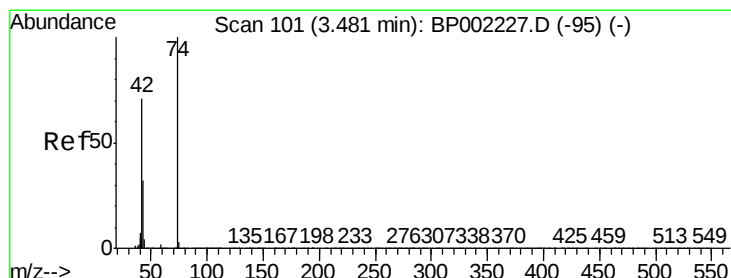
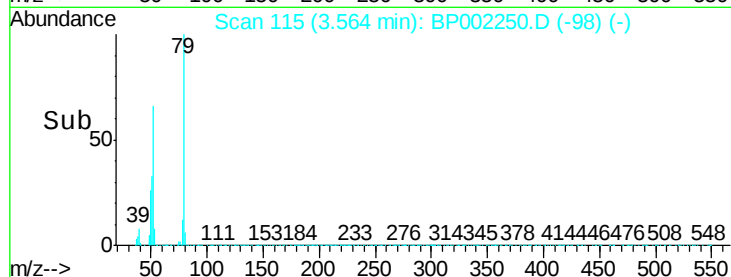
Tot Ion:	79	Resp:	686028
Ion Ratio	Lower	Upper	
79	100		
52	66.3	52.8	79.2
51	33.6	27.6	41.4

Manual Integrations
APPROVED

mohammad



5/6/2020 6:44:50 PM



#4

n-Nitrosodimethylamine

Concen: 37.362 ng

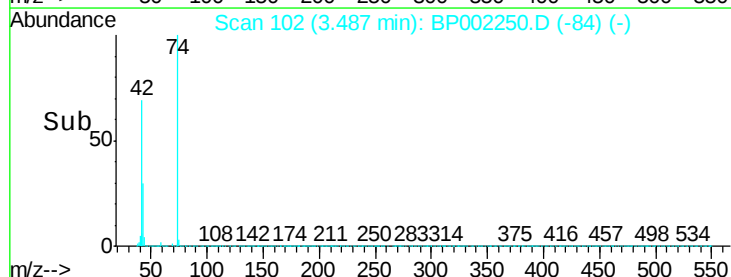
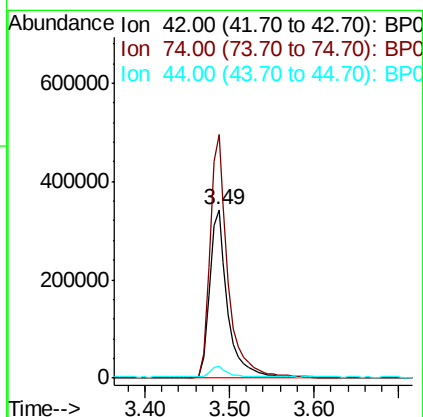
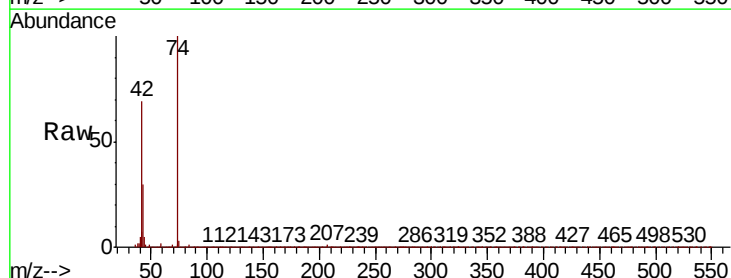
RT: 3.49 min Scan# 102

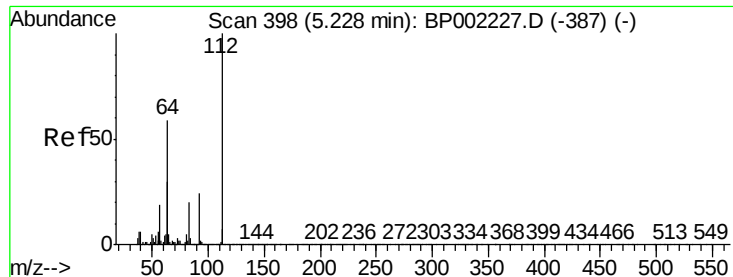
Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Tgt Ion:	42	Resp:	509572
Ion Ratio	Lower	Upper	
42	100		
74	144.6	112.3	168.5
44	6.8	5.4	8.0





#5

2-Fluorophenol

Concen: 118.714 ng

RT: 5.24 min Scan# 400

Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Instrument :

BNA_P

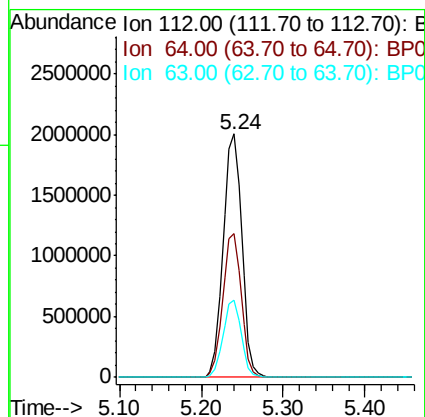
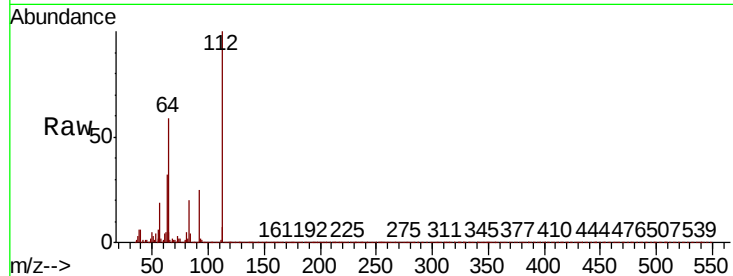
ClientSampleId :

FK-SF-03-009-AMSD

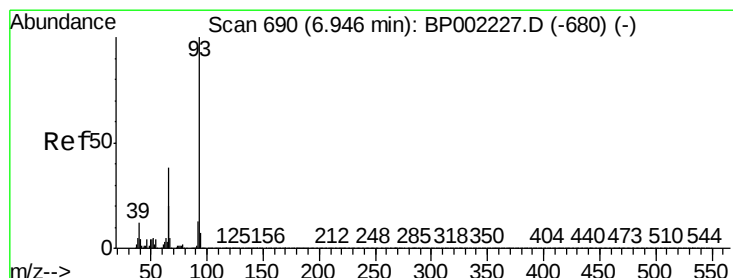
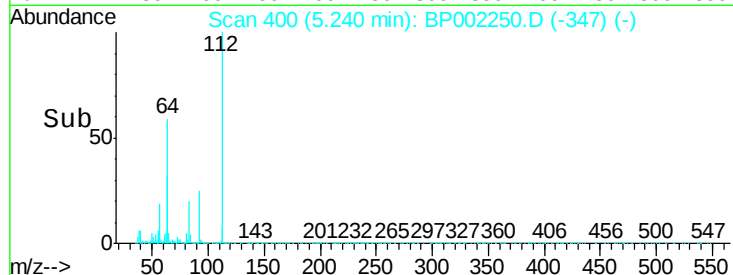
Tot Ion:	112	Resp:	3187666
Ion	Ratio	Lower	Upper
112	100		
64	59.0	46.9	70.3
63	31.6	24.3	36.5

Manual Integrations
APPROVED

mohammad



5/6/2020 6:44:50 PM



#6

Aniline

Concen: 30.193 ng m

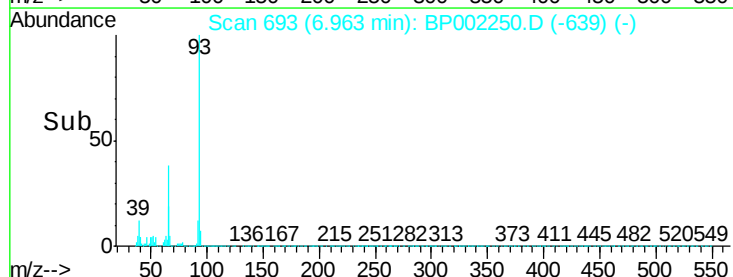
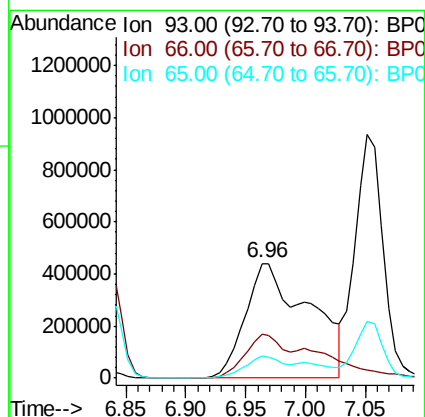
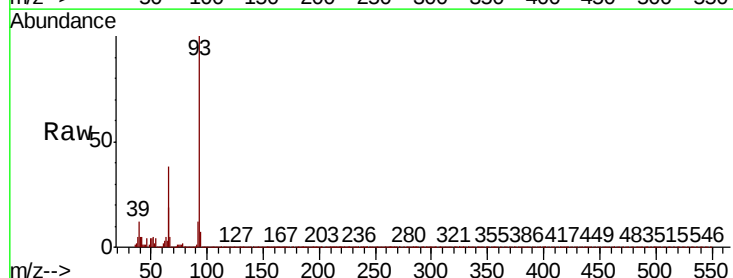
RT: 6.96 min Scan# 693

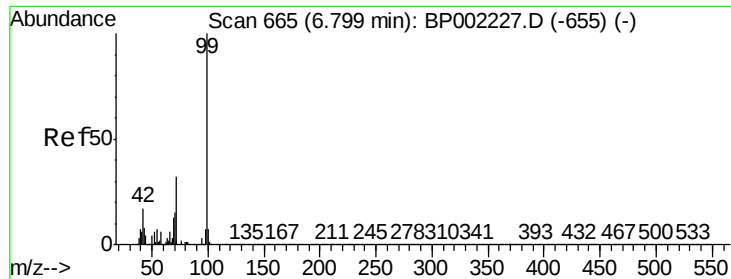
Delta R.T. 0.02 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Tgt Ion:	93	Resp:	1628203
Ion	Ratio	Lower	Upper
93	100		
66	37.8	30.3	45.5
65	19.4	15.9	23.9





#7

Phenol-d6

Concen: 109.634 ng

RT: 6.81 min Scan# 667

Delta R.T. 0.02 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Instrument :

BNA_P

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion: 99 Resp: 4324316

Ion Ratio Lower Upper

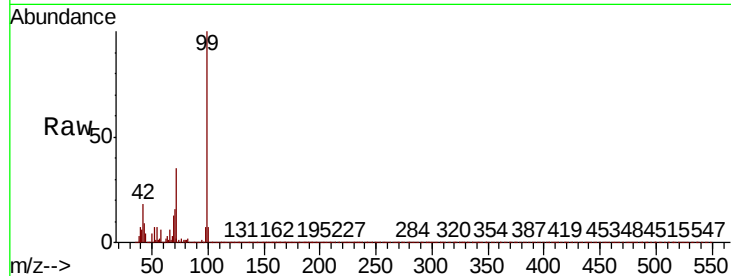
99 100

42 18.5 14.0 21.0

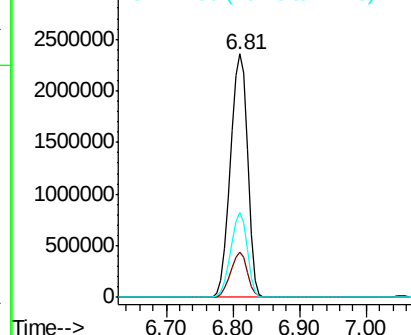
71 34.9 25.9 38.9

Manual Integrations
APPROVED

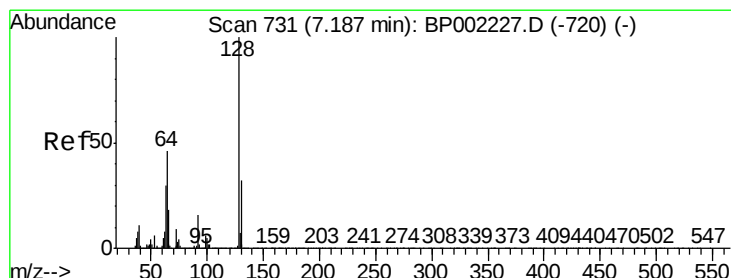
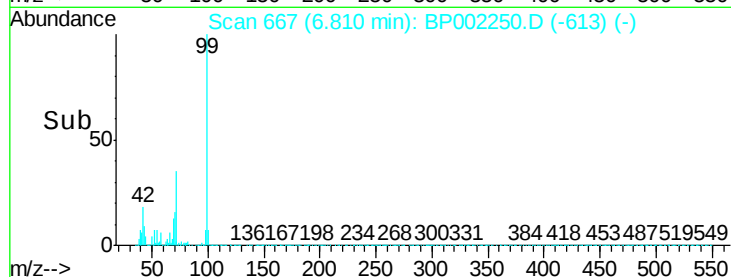
mohammad



Abundance Ion 99.00 (98.70 to 99.70): BP0
Ion 42.00 (41.70 to 42.70): BP0
Ion 71.00 (70.70 to 71.70): BP0



5/6/2020 6:44:50 PM



#8

2-Chlorophenol

Concen: 43.813 ng

RT: 7.19 min Scan# 731

Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

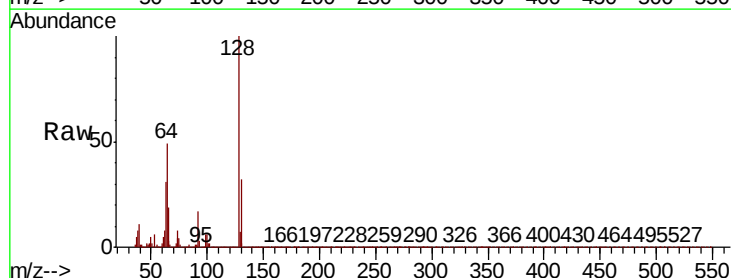
Tgt Ion: 128 Resp: 1329746

Ion Ratio Lower Upper

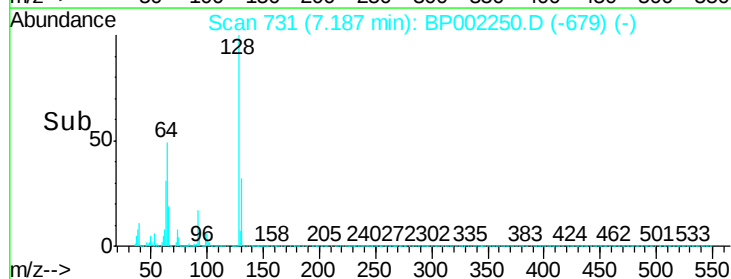
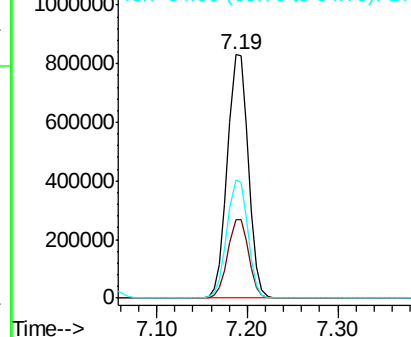
128 100

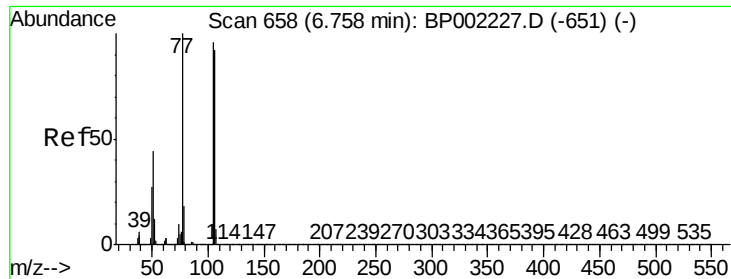
130 32.2 11.9 51.9

64 48.8 26.2 66.2



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BP0





#9

Benzaldehyde

Concen: 48.786 ng

RT: 6.76 min Scan# 659

Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Instrument :

BNA_P

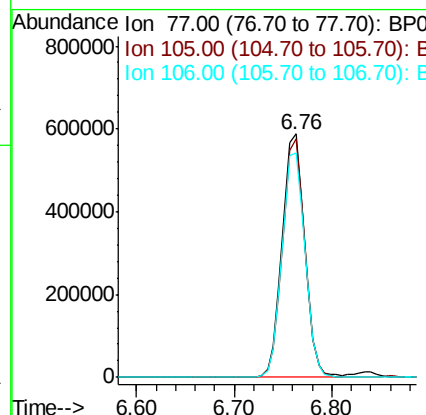
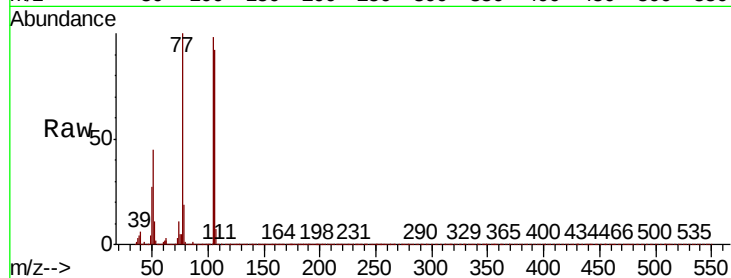
ClientSampleId :

FK-SF-03-009-AMSD

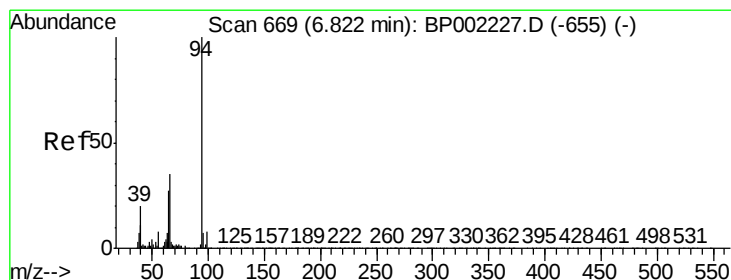
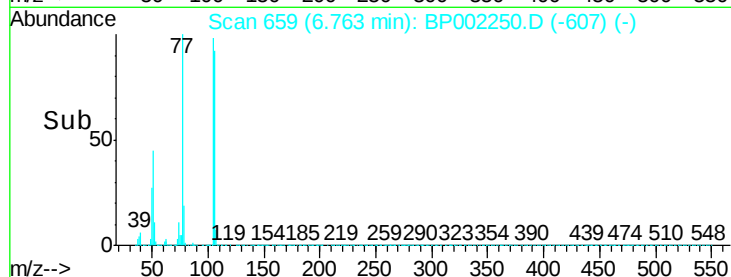
Tot Ion:	77	Resp:	948037
Ion Ratio	Lower	Upper	
77	100		
105	97.8	76.0	116.0
106	92.2	71.6	111.6

Manual Integrations
APPROVED

mohammad



5/6/2020 6:44:50 PM



#10

Phenol

Concen: 41.431 ng

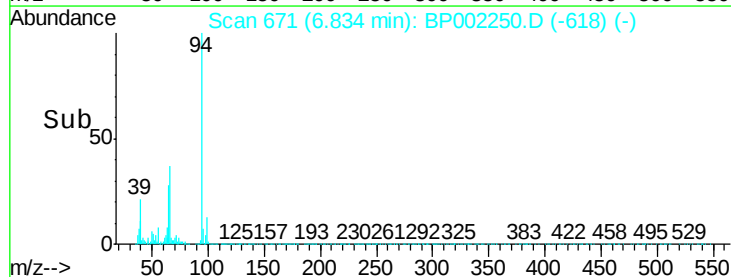
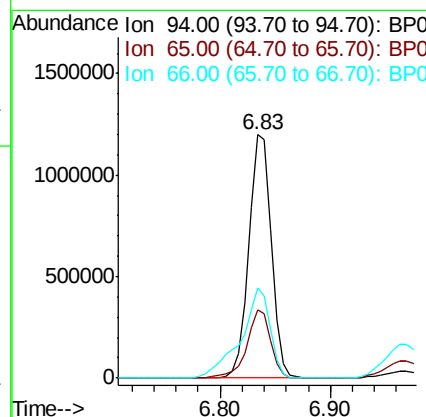
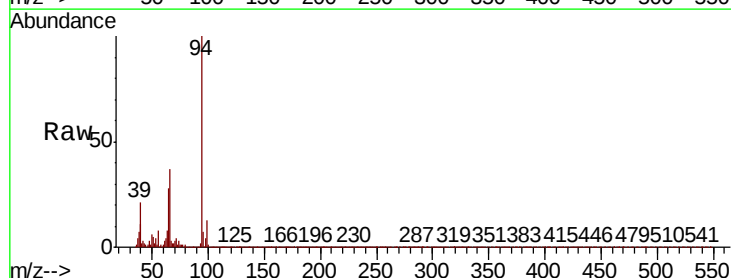
RT: 6.83 min Scan# 671

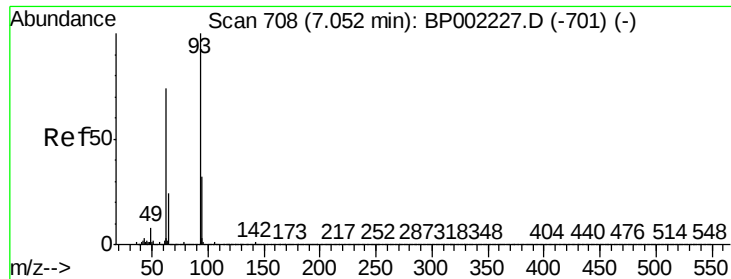
Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Tgt Ion:	94	Resp:	1722572
Ion Ratio	Lower	Upper	
94	100		
65	27.9	7.2	47.2
66	37.0	14.9	54.9





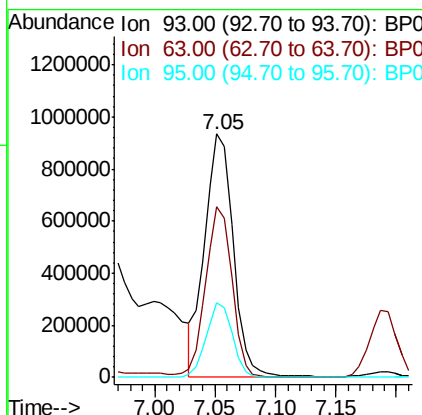
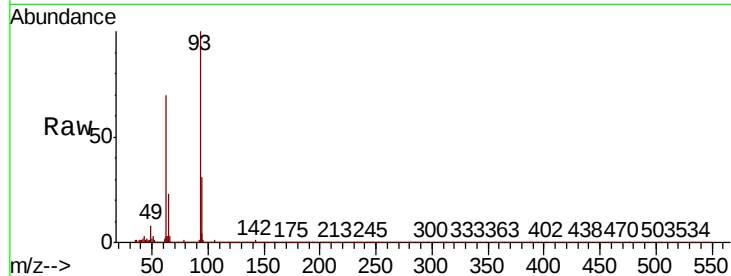
#11
bis(2-Chloroethyl)ether
Concen: 43.307 ng
RT: 7.05 min Scan# 708
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

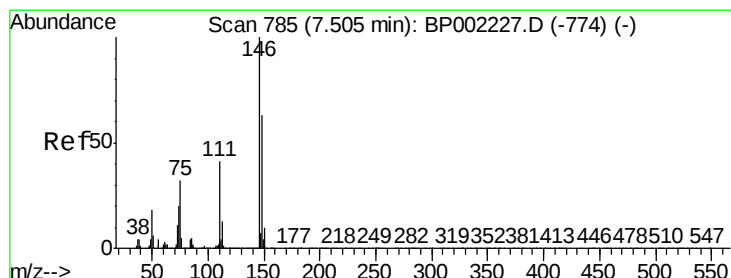
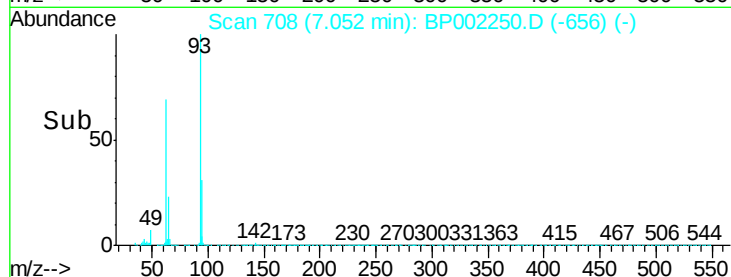
Tot Ion	93	Resp	1515046
Ion	Ratio	Lower	Upper
93	100		
63	70.0	53.6	93.6
95	30.6	12.2	52.2

Manual Integrations
APPROVED

mohammad

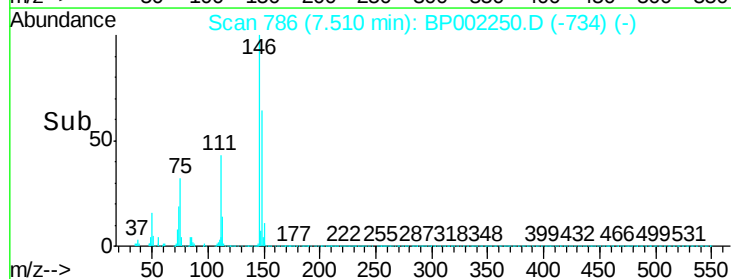
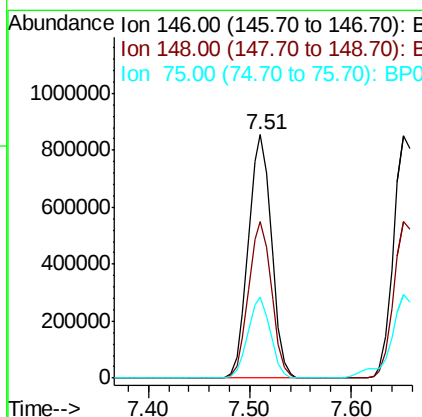
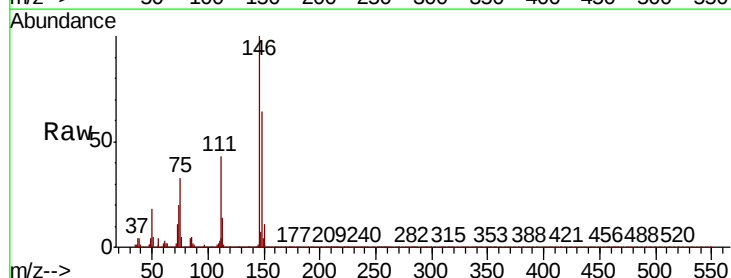


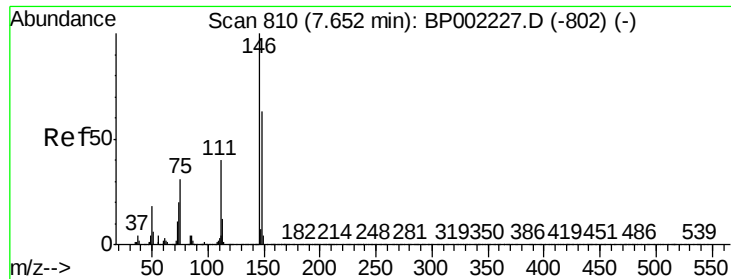
5/6/2020 6:44:50 PM



#12
1,3-Dichlorobenzene
Concen: 39.833 ng
RT: 7.51 min Scan# 786
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	146	Resp	1348885
Ion	Ratio	Lower	Upper
146	100		
148	64.2	50.2	75.2
75	33.1	26.0	39.0





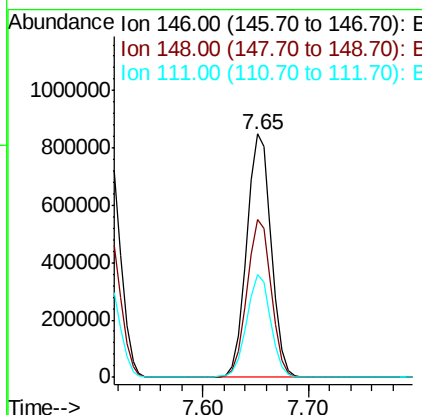
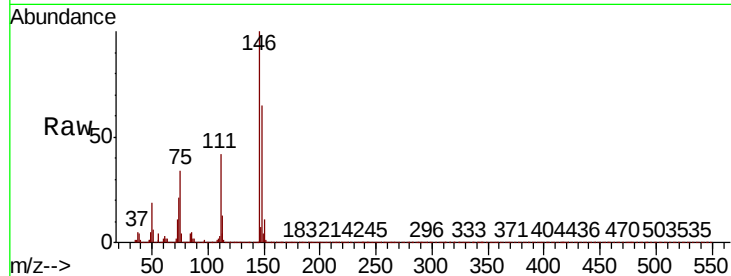
#13
1,4-Dichlorobenzene
Concen: 39.956 ng
RT: 7.65 min Scan# 810
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

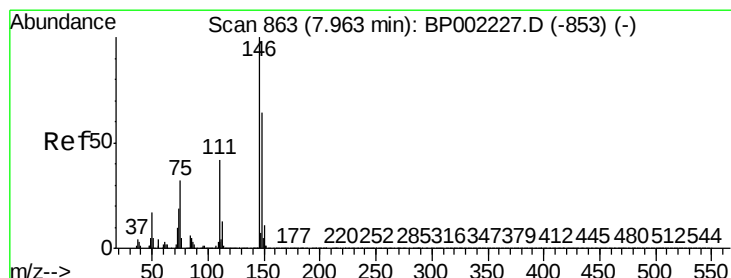
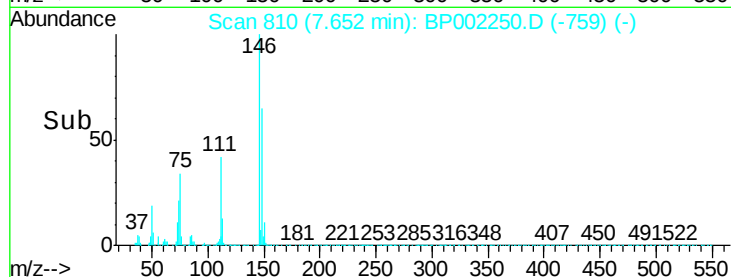
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.9	50.6	76.0
111	42.1	32.5	48.7

Manual Integrations
APPROVED

mohammad

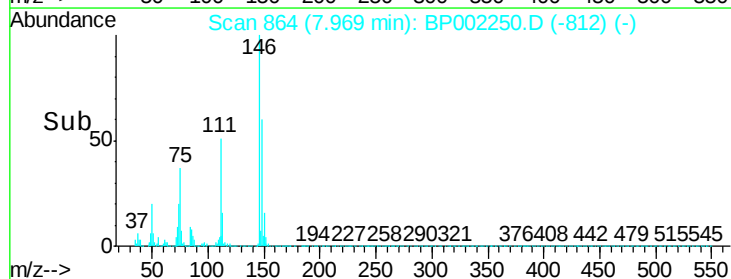
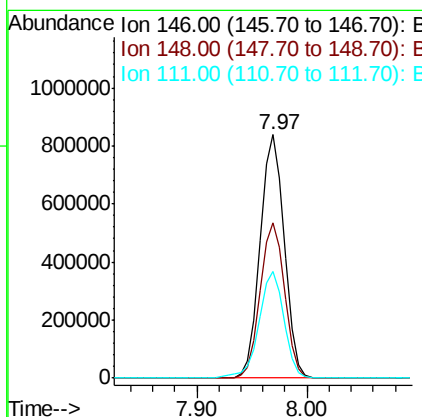
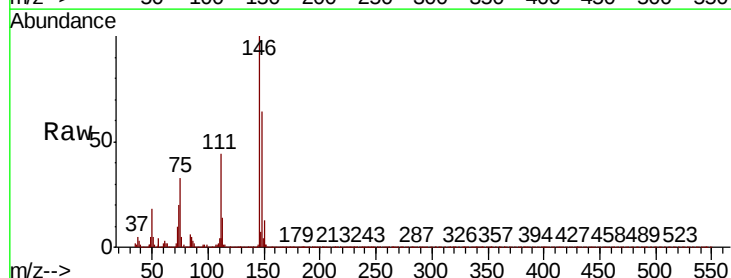


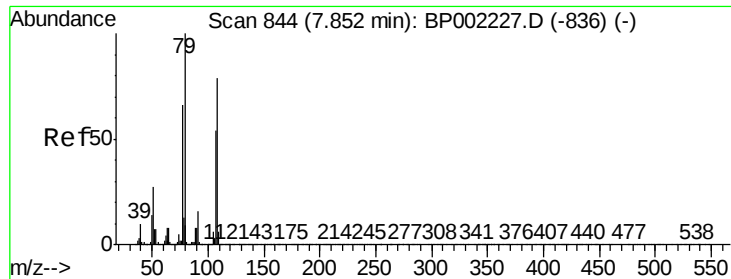
5/6/2020 6:44:50 PM



#14
1,2-Dichlorobenzene
Concen: 38.478 ng
RT: 7.97 min Scan# 864
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.9	50.9	76.3
111	43.8	33.5	50.3





#15

Benzyl Alcohol

Concen: 39.664 ng

RT: 7.86 min Scan# 845

Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Instrument :

BNA_P

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion: 79 Resp: 1187709

Ion Ratio Lower Upper

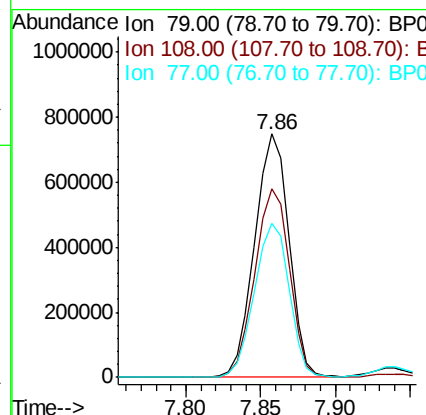
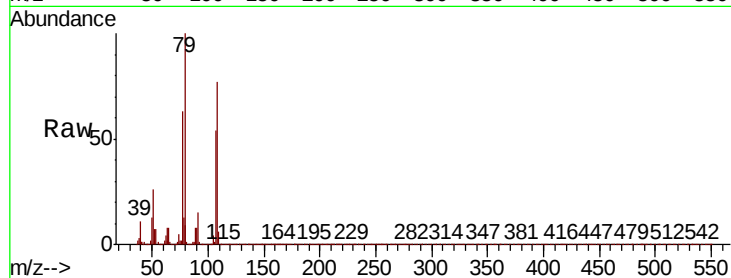
79 100

108 77.3 63.2 94.8

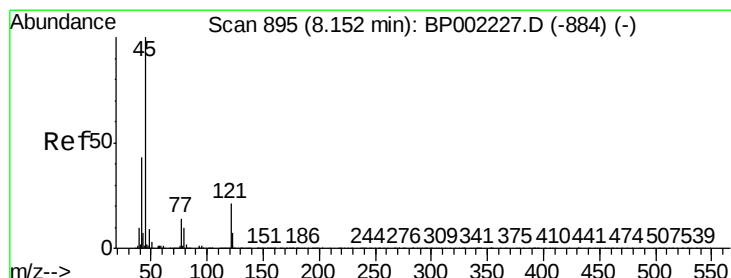
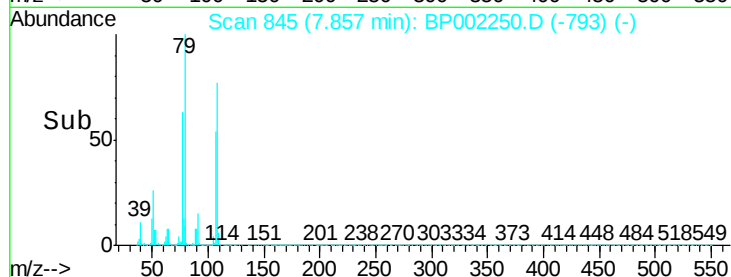
77 63.0 53.1 79.7

Manual Integrations
APPROVED

mohammad



5/6/2020 6:44:50 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 36.582 ng

RT: 8.15 min Scan# 895

Delta R.T. -0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

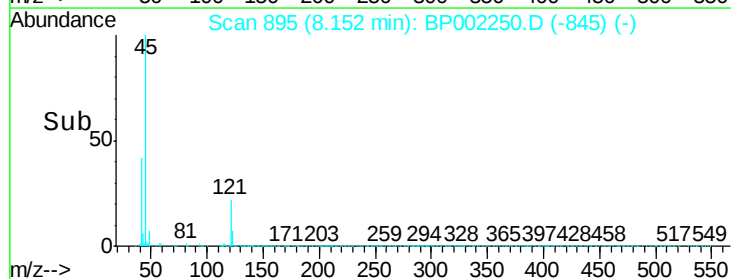
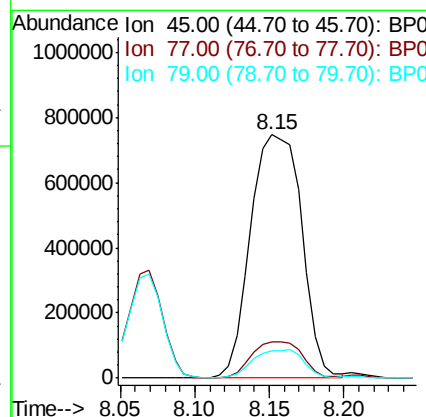
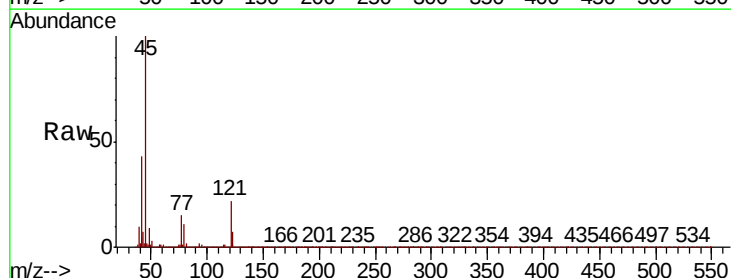
Tgt Ion: 45 Resp: 1774445

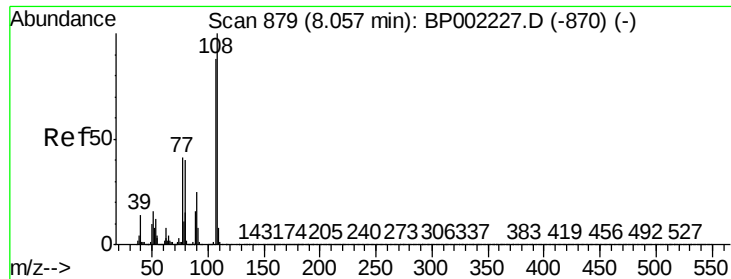
Ion Ratio Lower Upper

45 100

77 14.8 0.0 35.0

79 11.3 0.0 31.3





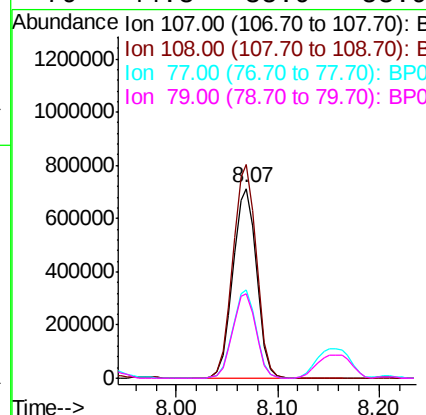
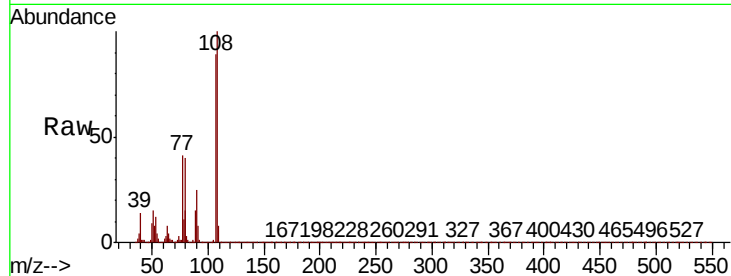
#17
2-Methylphenol
Concen: 37.791 ng
RT: 8.07 min Scan# 881
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

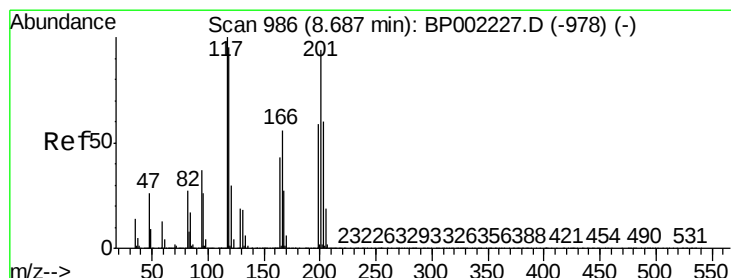
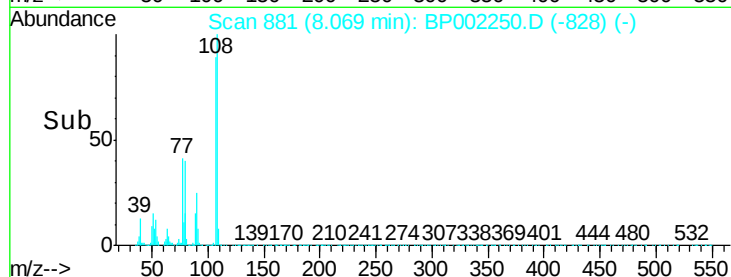
Tot Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.6	136.0
77	46.6	37.3	55.9
79	44.8	35.9	53.9

Manual Integrations
APPROVED

mohammad

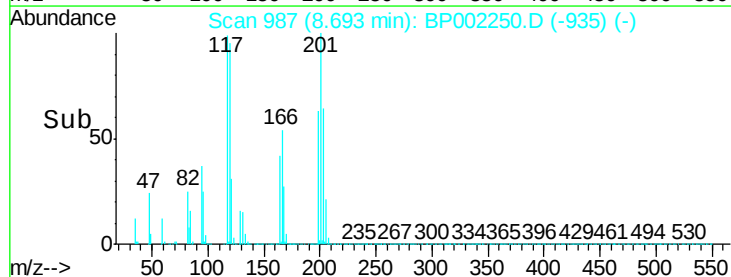
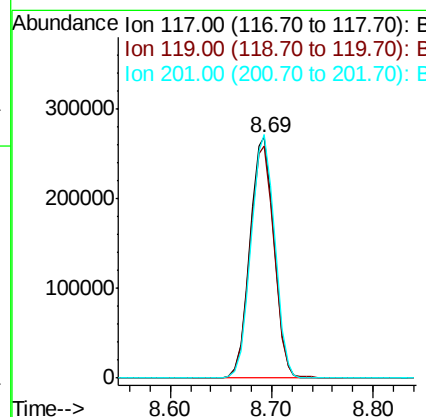
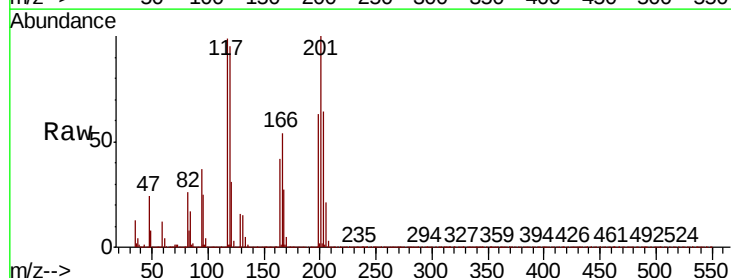


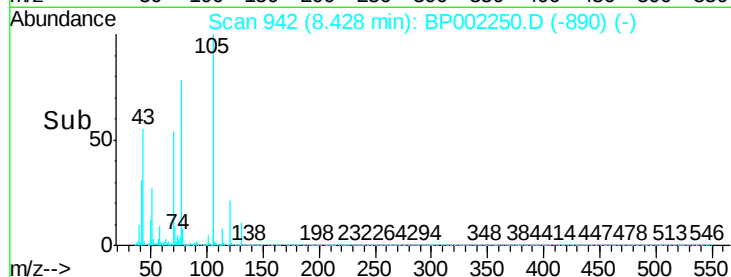
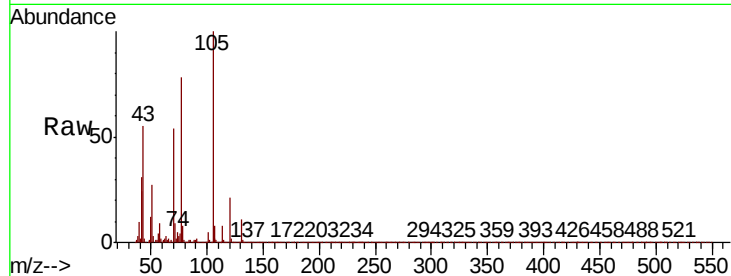
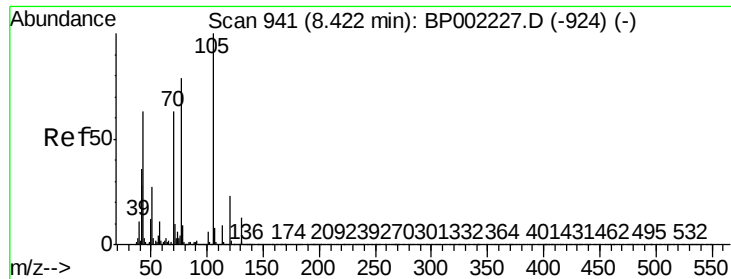
5/6/2020 6:44:50 PM



#18
Hexachloroethane
Concen: 35.764 ng
RT: 8.69 min Scan# 987
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.7	113.5
201	101.1	75.2	112.8





#19
n-Nitroso-di-n-propylamine
Concen: 34.735 ng
RT: 8.43 min Scan# 942
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

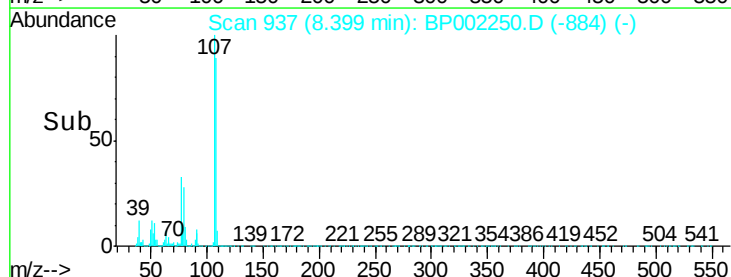
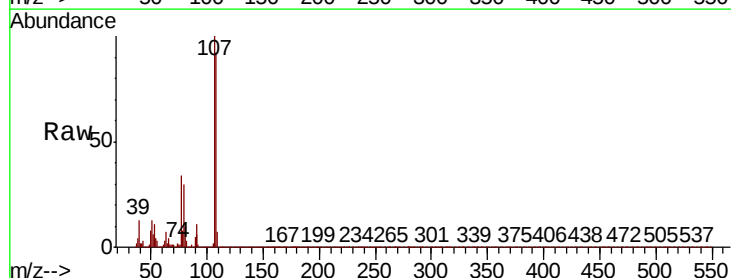
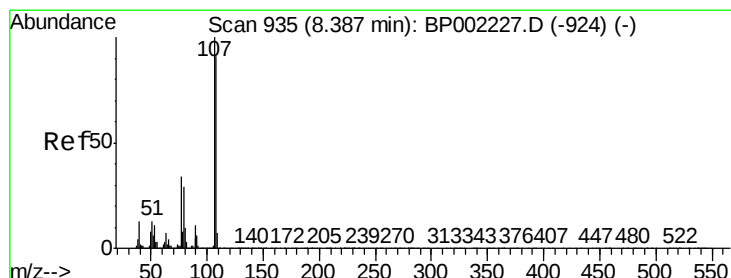
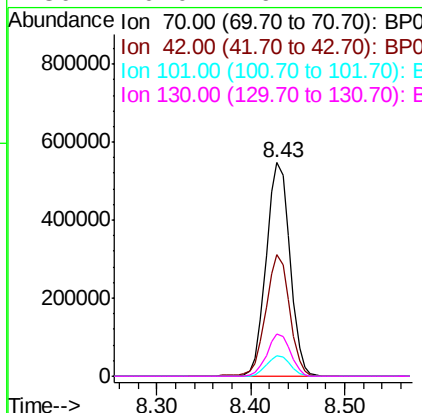
Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100				
42	56.8	45.4	68.2		
101	9.6	7.5	11.3		
130	20.0	16.1	24.1		

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

Manual Integrations
APPROVED

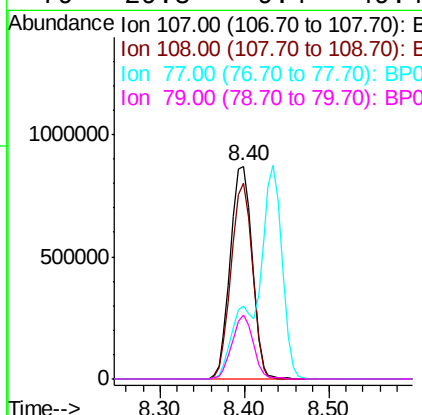
mohammad

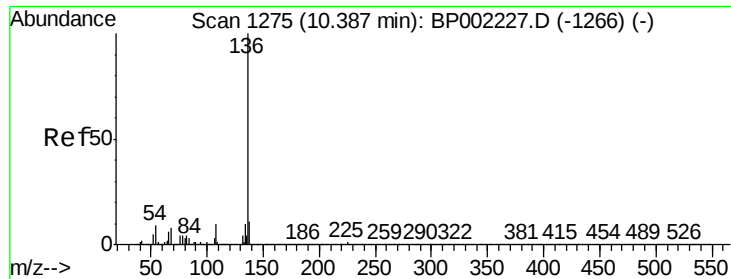
5/6/2020 6:44:50 PM



#20
3+4-Methylphenols
Concen: 36.791 ng
RT: 8.40 min Scan# 937
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
108	92.2	71.1	111.1		
77	34.3	13.6	53.6		
79	29.8	9.4	49.4		





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1276
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

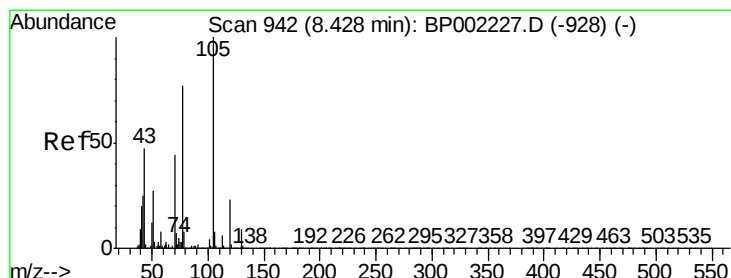
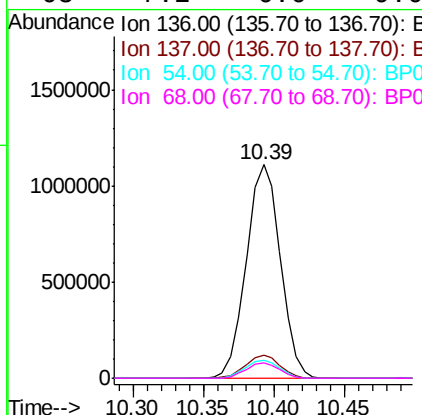
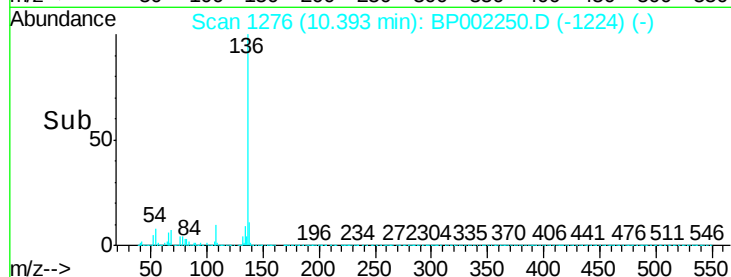
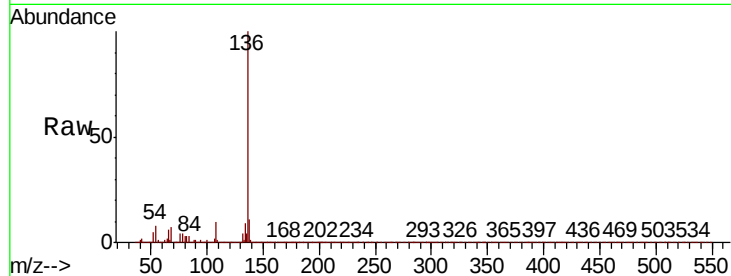
Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.4	7.0	10.6
68	7.2	6.0	9.0

Manual Integrations
APPROVED

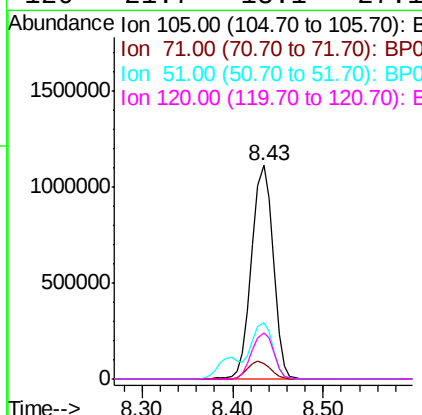
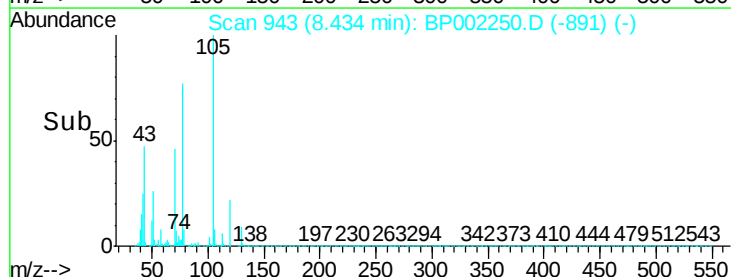
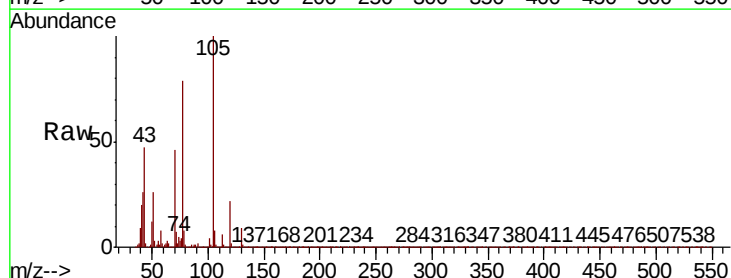
mohammad

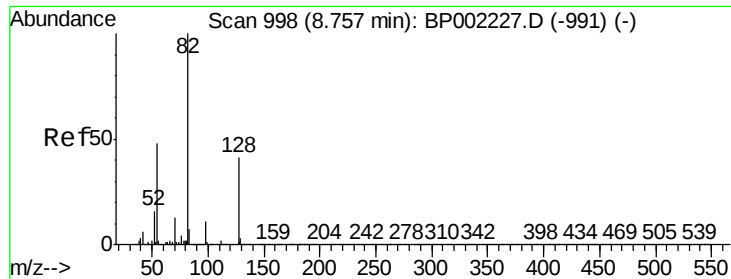
5/6/2020 6:44:50 PM



#22
Acetophenone
Concen: 37.947 ng
RT: 8.43 min Scan# 943
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.8	8.8
51	26.5	21.3	31.9
120	21.7	18.1	27.1





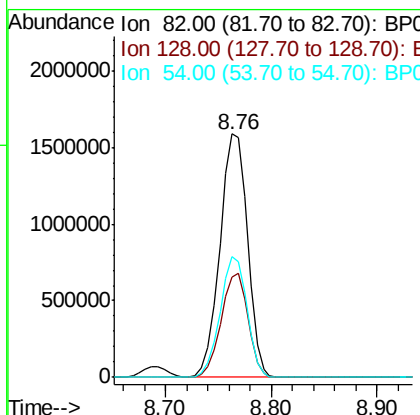
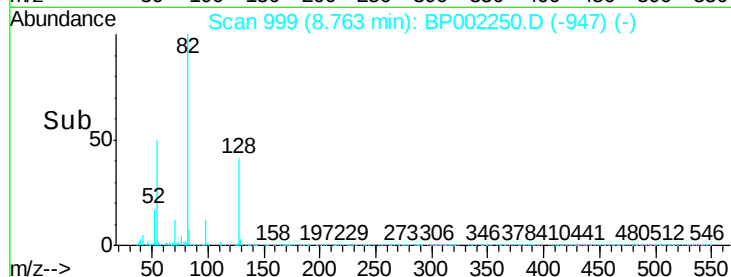
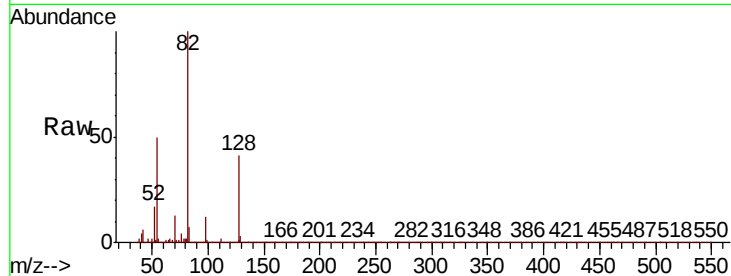
#23
Nitrobenzene-d5
Concen: 78.893 ng
RT: 8.76 min Scan# 999
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

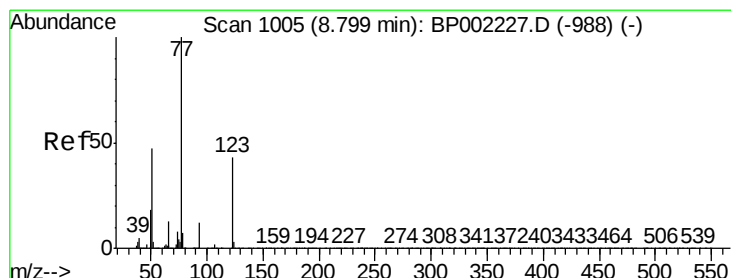
Tot Ion	Ratio	Lower	Upper
82	100		
128	41.2	32.4	48.6
54	49.6	38.2	57.2

Manual Integrations
APPROVED

mohammad

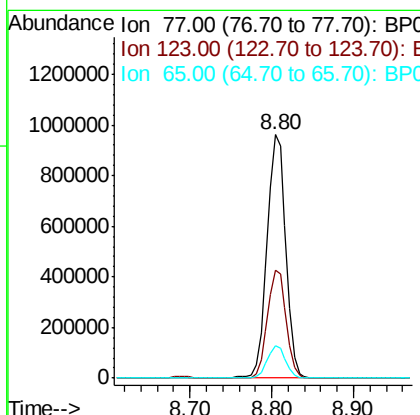
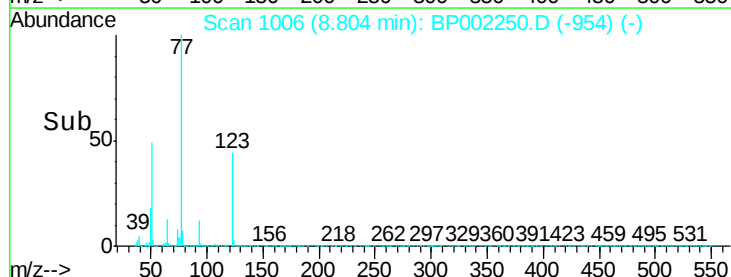
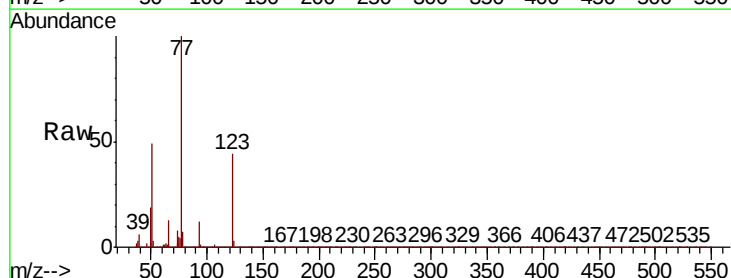


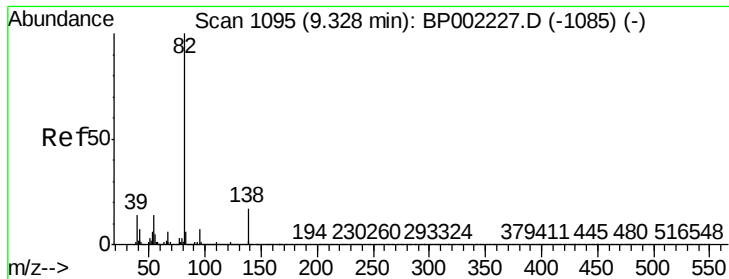
5/6/2020 6:44:50 PM



#24
Nitrobenzene
Concen: 39.284 ng
RT: 8.80 min Scan# 1006
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.4	34.8	52.2
65	13.3	10.4	15.6





#25

Isophorone

Concen: 35.925 ng

RT: 9.33 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Instrument :

BNA_P

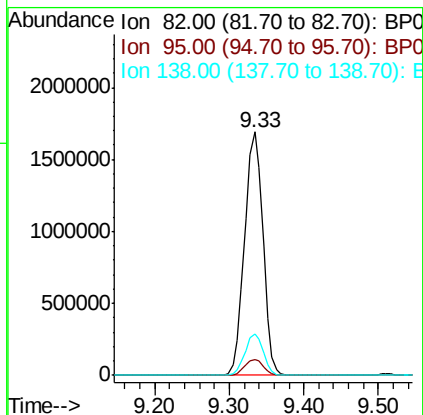
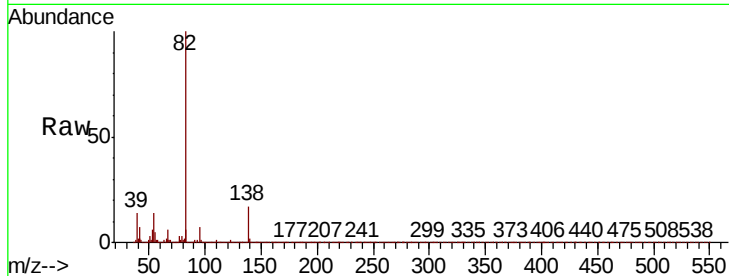
ClientSampleId :

FK-SF-03-009-AMSD

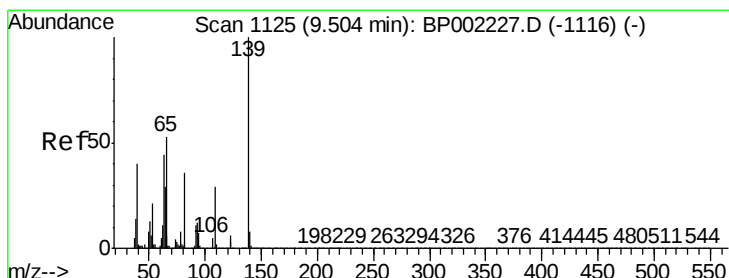
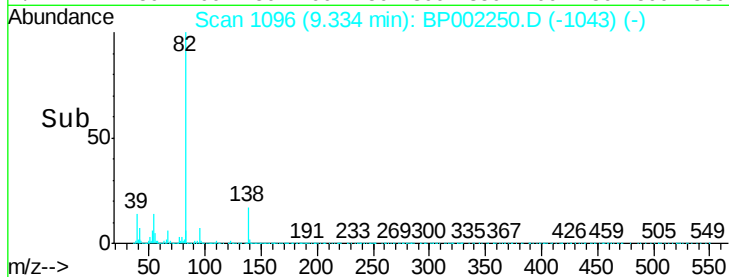
Tot Ion:	82	Resp:	2879409
Ion	Ratio	Lower	Upper
82	100		
95	6.7	5.5	8.3
138	16.9	13.3	19.9

Manual Integrations
APPROVED

mohammad



5/6/2020 6:44:50 PM



#26

2-Nitrophenol

Concen: 47.662 ng

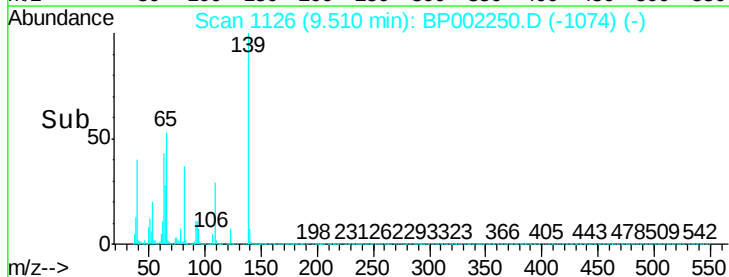
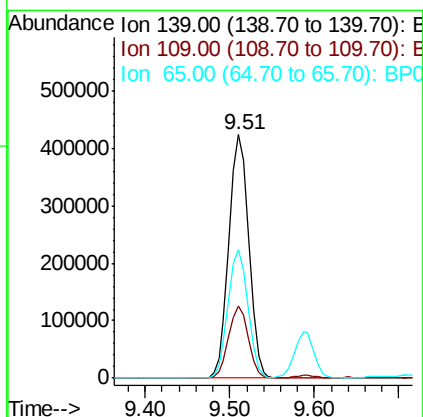
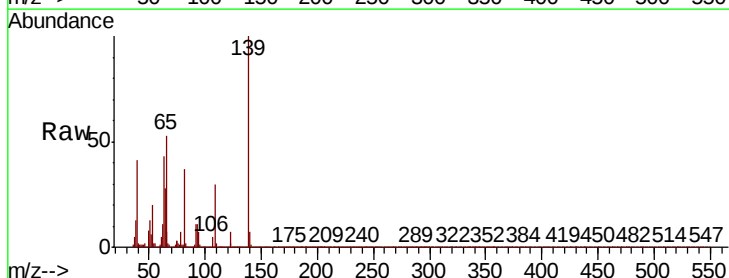
RT: 9.51 min Scan# 1126

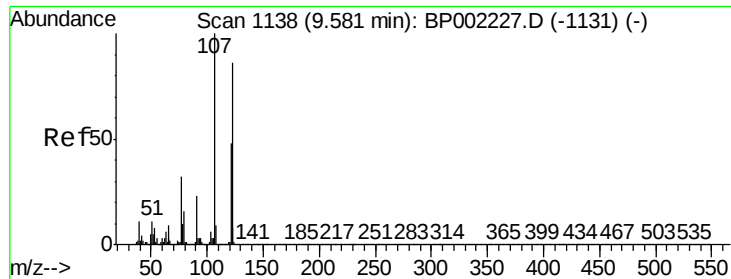
Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Tgt Ion:	139	Resp:	687597
Ion	Ratio	Lower	Upper
139	100		
109	29.6	22.9	34.3
65	52.7	42.6	64.0





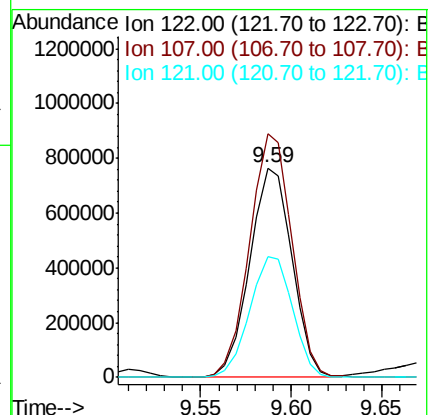
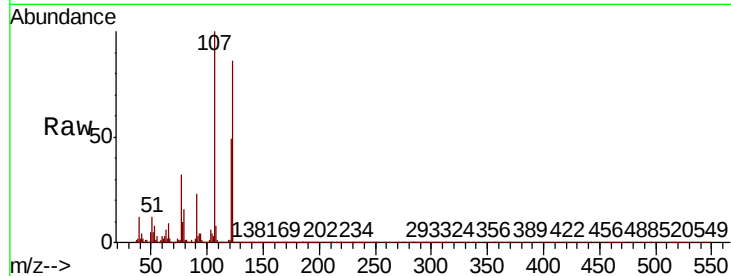
#27
2,4-Dimethylphenol
Concen: 44.154 ng
RT: 9.59 min Scan# 1139
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

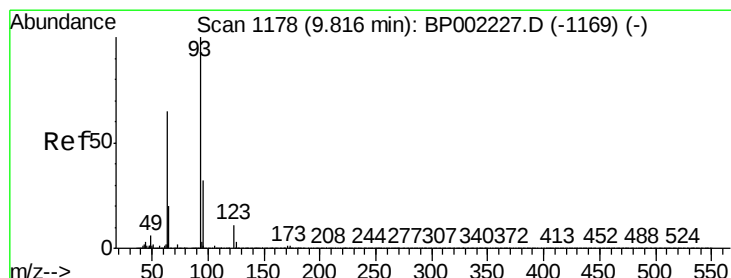
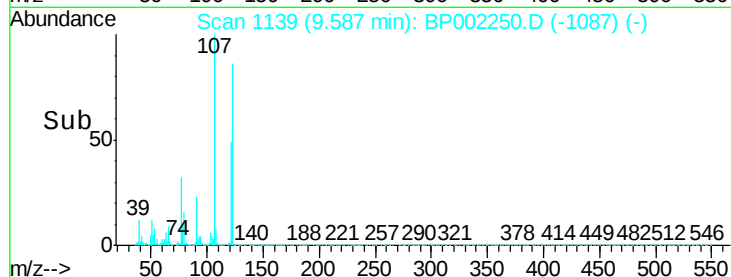
Tot Ion	Ratio	Lower	Upper
122	100		
107	116.4	93.3	139.9
121	57.6	44.7	67.1

Manual Integrations
APPROVED

mohammad

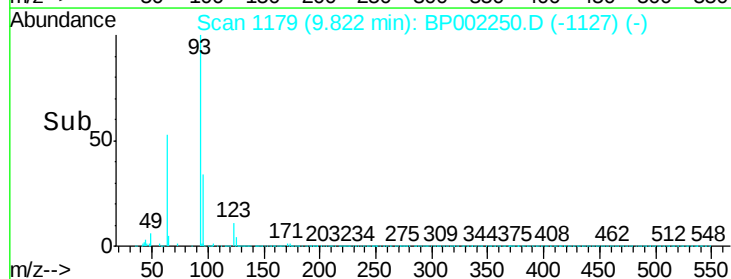
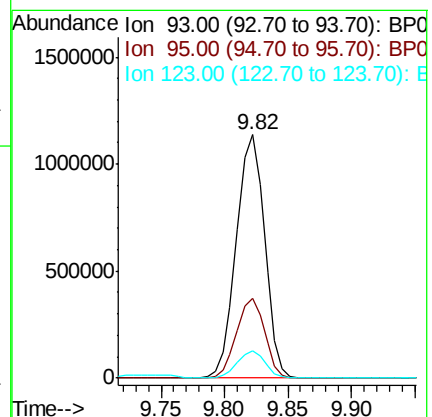
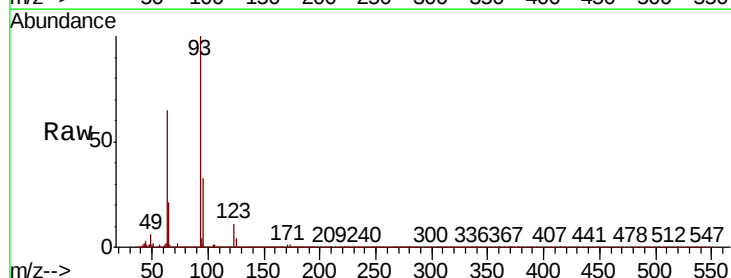


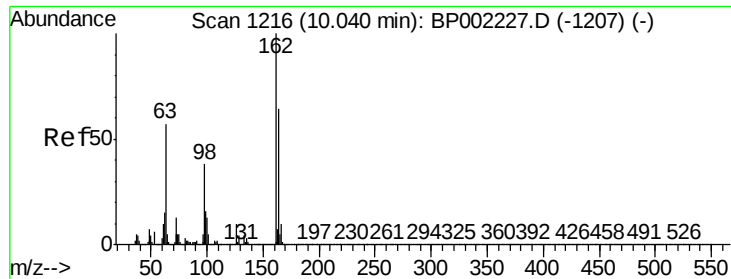
5/6/2020 6:44:50 PM



#28
bis(2-Chloroethoxy)methane
Concen: 37.863 ng
RT: 9.82 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	25.5	38.3
123	11.1	8.6	12.8





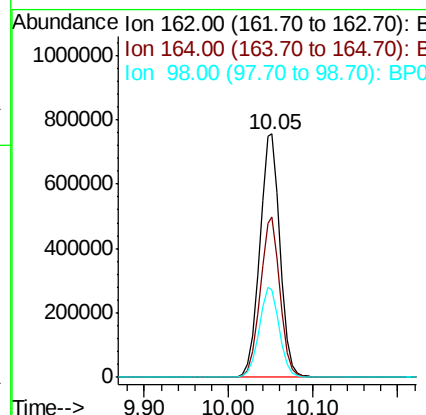
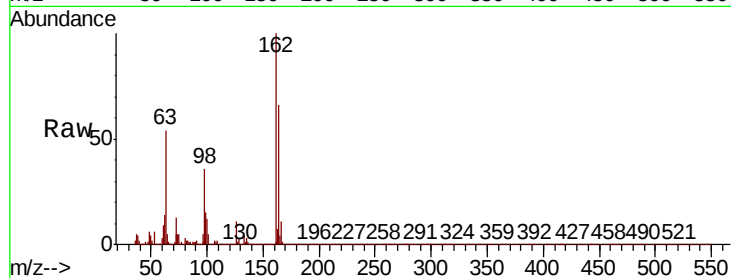
#29
2,4-Dichlorophenol
Concen: 42.634 ng
RT: 10.05 min Scan# 1218
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

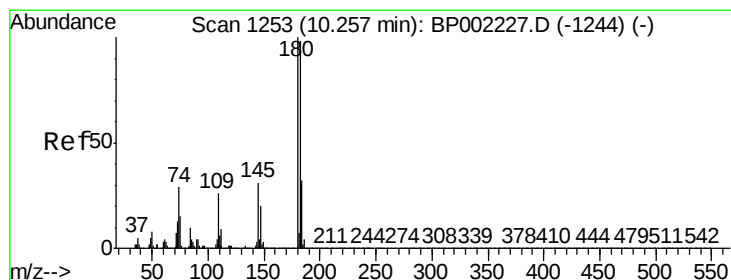
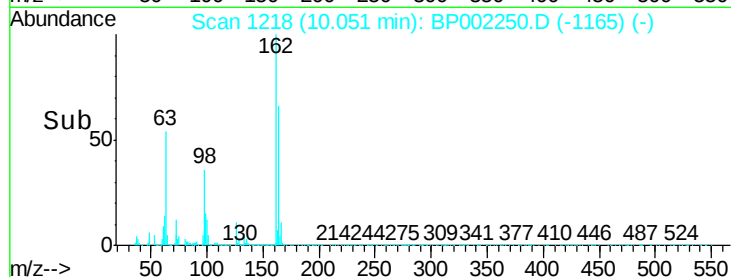
Tot Ion	Ratio	Lower	Upper
162	100		
164	65.8	43.6	83.6
98	36.0	17.9	57.9

Manual Integrations
APPROVED

mohammad

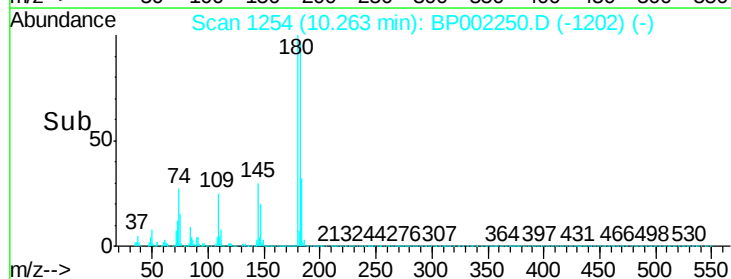
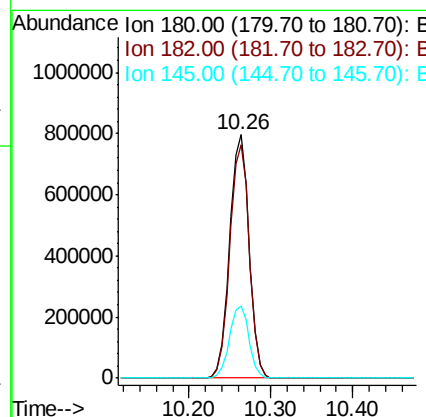
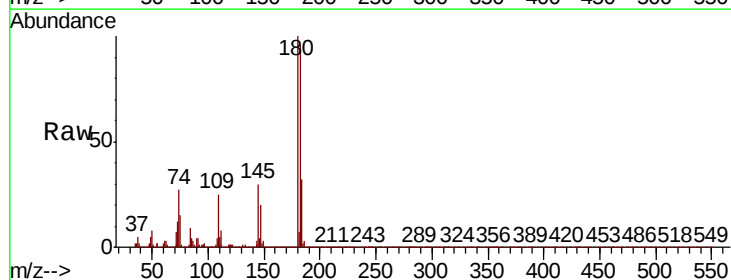


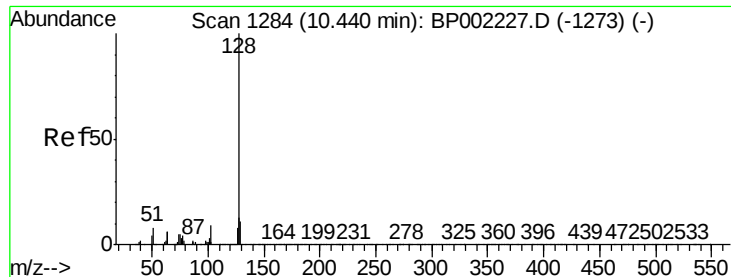
5/6/2020 6:44:50 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.700 ng
RT: 10.26 min Scan# 1254
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	78.6	117.8
145	29.6	24.7	37.1





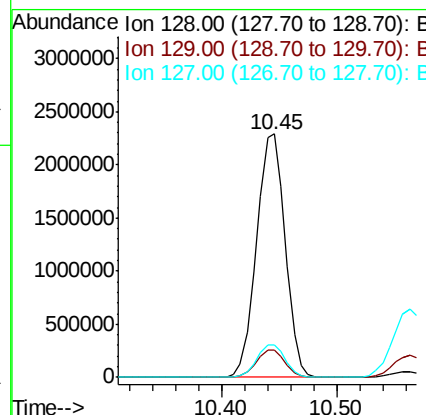
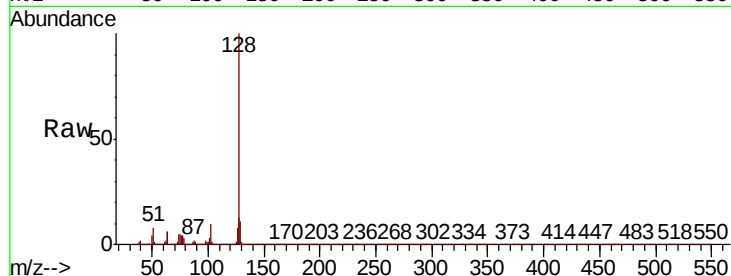
#31
Naphthalene
Concen: 38.878 ng
RT: 10.45 min Scan# 1285
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

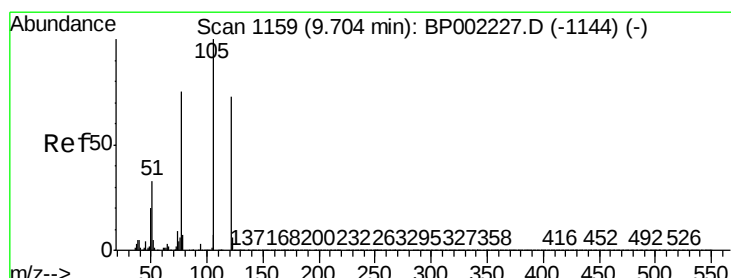
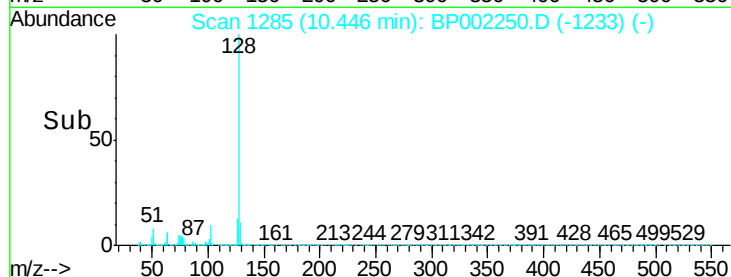
Tot Ion:	128	Resp:	3958857
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.4	10.3	15.5

Manual Integrations
APPROVED

mohammad

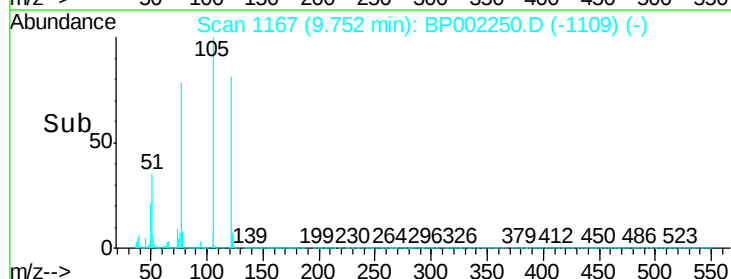
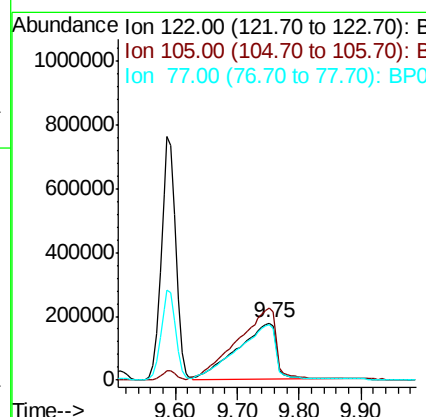
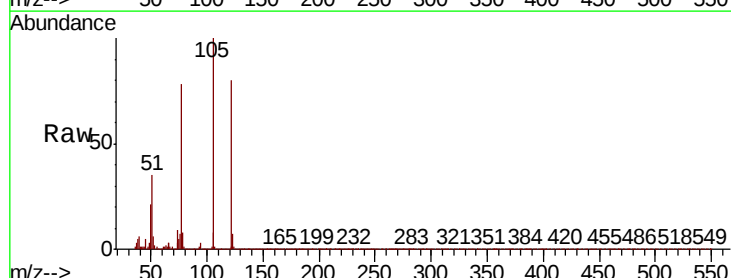


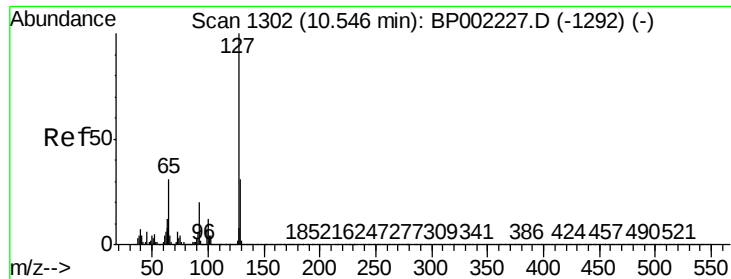
5/6/2020 6:44:50 PM



#32
Benzoic acid
Concen: 41.640 ng
RT: 9.75 min Scan# 1167
Delta R.T. 0.04 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion:	122	Resp:	778328
Ion	Ratio	Lower	Upper
122	100		
105	125.0	108.6	148.6
77	97.5	79.2	119.2





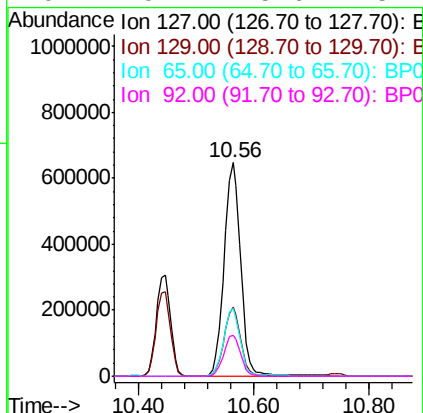
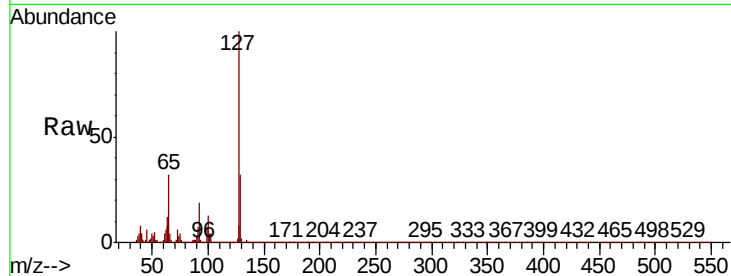
#33
4-Chloroaniline
Concen: 27.506 ng
RT: 10.56 min Scan# 1305
Delta R.T. 0.02 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

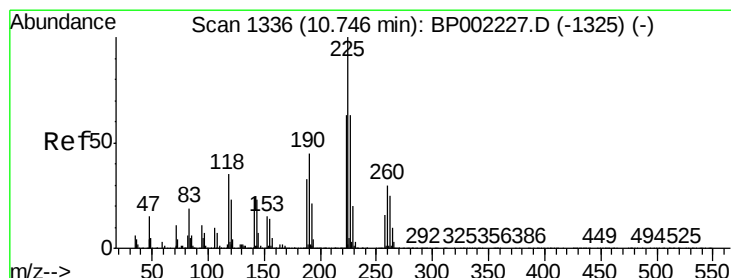
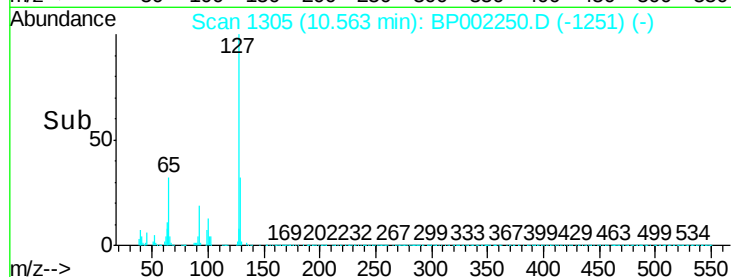
Tot Ion	Ratio	Lower	Upper
127	100		
129	32.3	25.0	37.4
65	31.7	24.6	36.8
92	19.4	15.6	23.4

Manual Integrations
APPROVED

mohammad

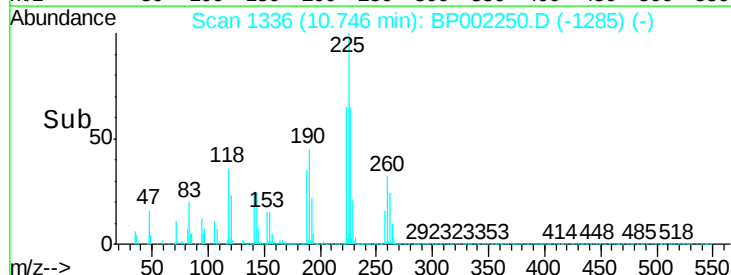
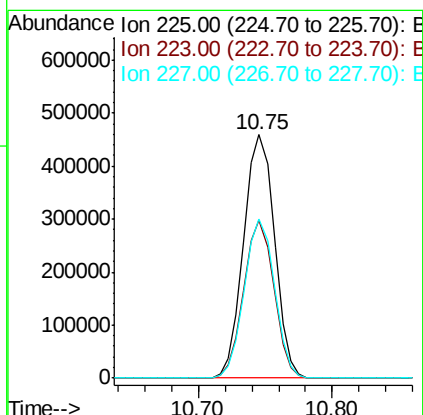
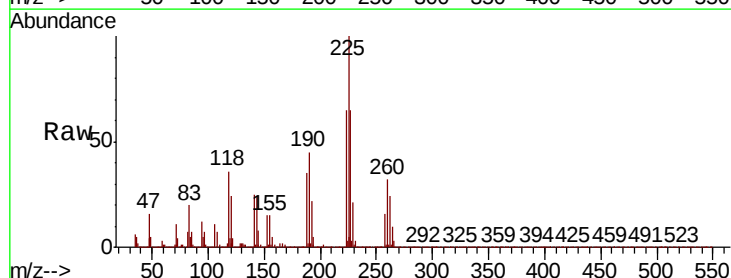


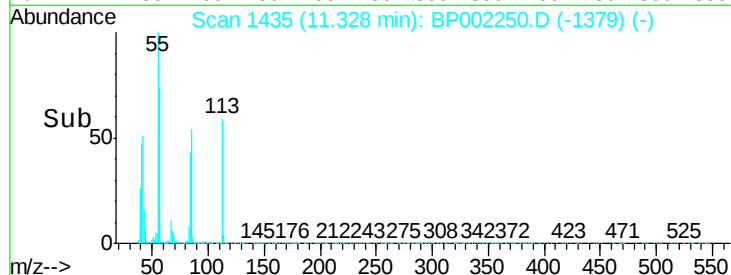
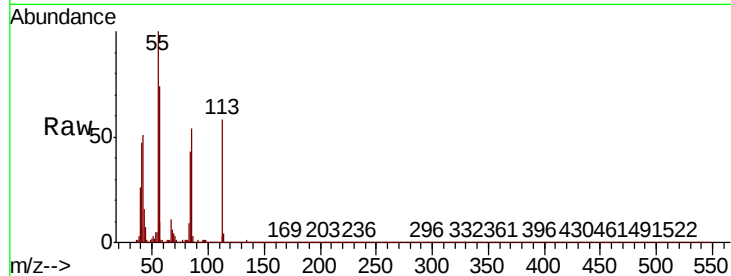
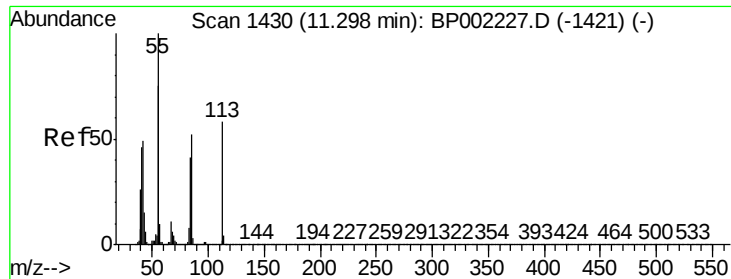
5/6/2020 6:44:50 PM



#34
Hexachlorobutadiene
Concen: 39.021 ng
RT: 10.75 min Scan# 1336
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	65.1	50.6	75.8
227	65.3	50.3	75.5





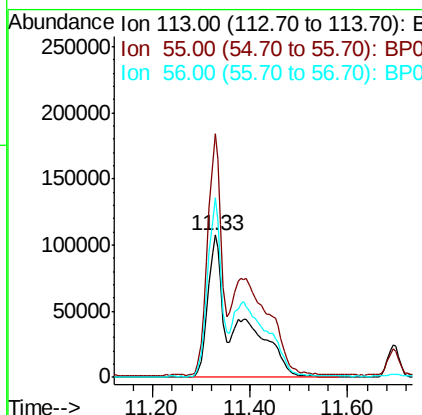
#35
Caprolactam
Concen: 38.811 ng/ml
RT: 11.33 min Scan# 1435
Delta R.T. 0.03 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100				
55	171.2	153.8	193.8		
56	126.1	109.8	149.8		

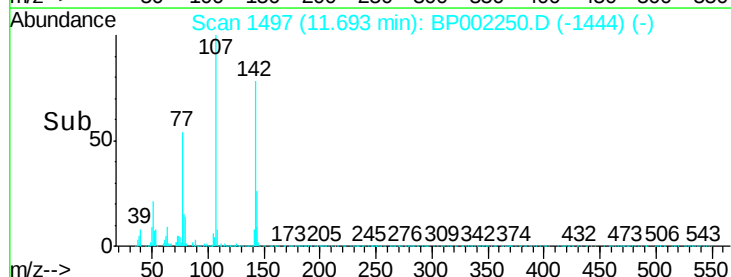
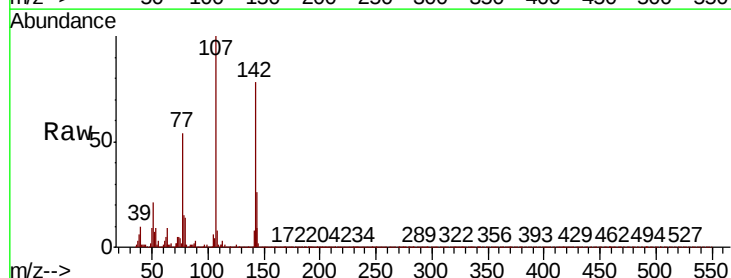
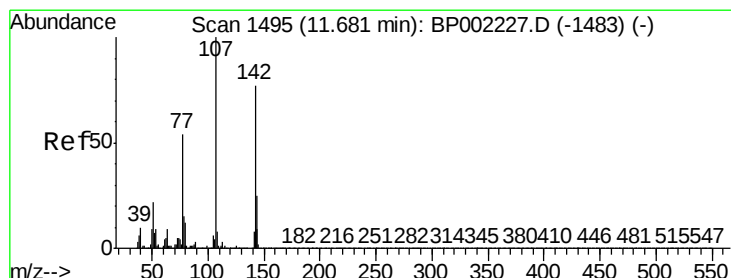
Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

Manual Integrations
APPROVED

mohammad

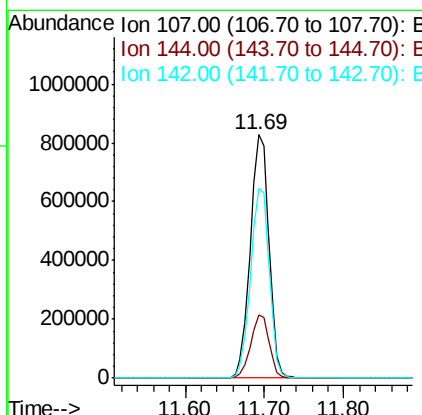


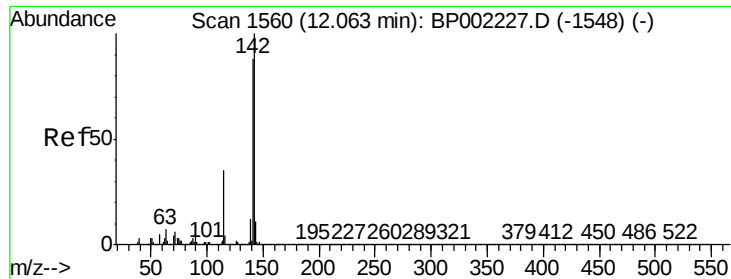
5/6/2020 6:44:50 PM



#36
4-Chloro-3-methylphenol
Concen: 39.028 ng/ml
RT: 11.69 min Scan# 1497
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100				
144	25.7	20.2	30.2		
142	77.9	61.9	92.9		





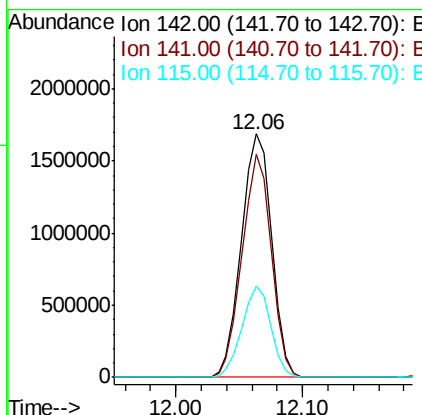
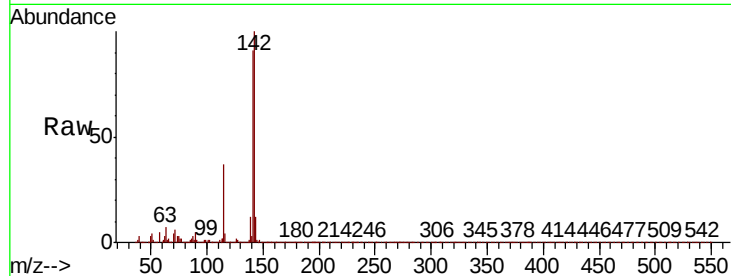
#37
 2-Methylnaphthalene
 Concen: 38.488 ng
 RT: 12.06 min Scan# 1560
 Delta R.T. 0.01 min
 Lab File: BP002250.D
 Acq: 05 May 2020 22:43

Instrument :
 BNA_P
 ClientSampleId :
 FK-SF-03-009-AMSD

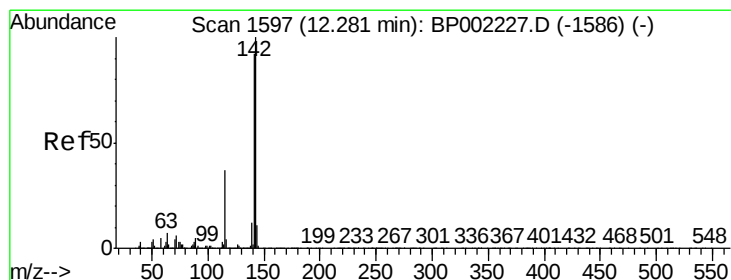
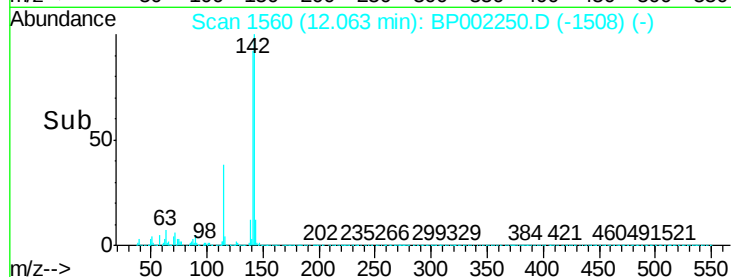
Tot Ion	Ion	Ratio	Lower	Upper
142	100			
141	91.5	70.6	105.8	
115	37.5	28.3	42.5	

Manual Integrations
 APPROVED

mohammad

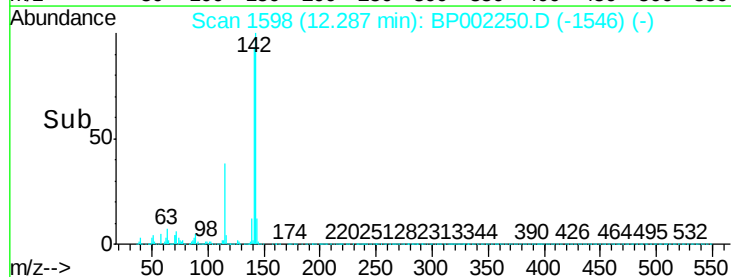
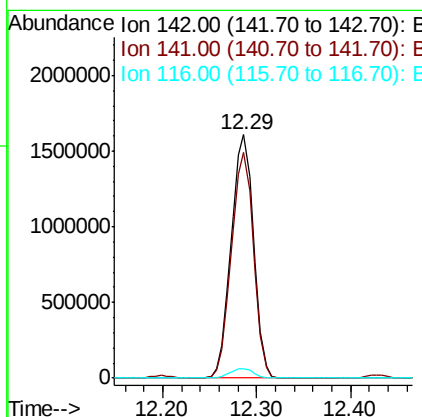
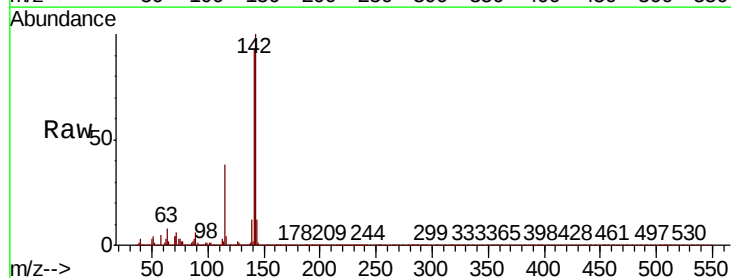


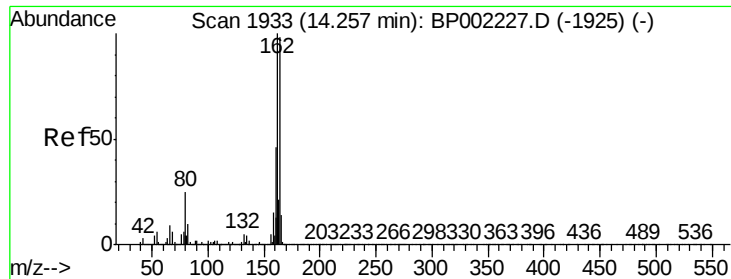
5/6/2020 6:44:50 PM



#38
 1-Methylnaphthalene
 Concen: 38.085 ng
 RT: 12.29 min Scan# 1598
 Delta R.T. 0.01 min
 Lab File: BP002250.D
 Acq: 05 May 2020 22:43

Tgt Ion	Ion	Ratio	Lower	Upper
142	100			
141	92.6	73.9	110.9	
116	4.0	3.0	4.6	





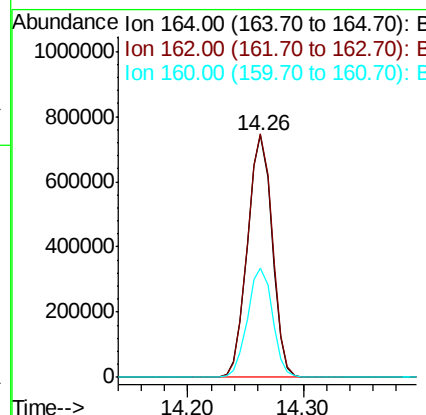
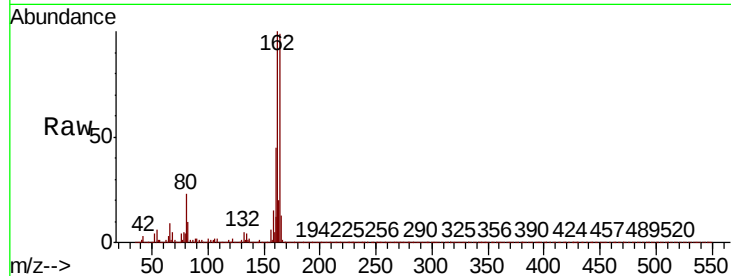
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1934
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

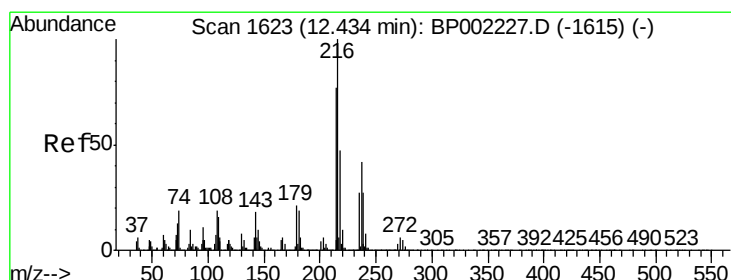
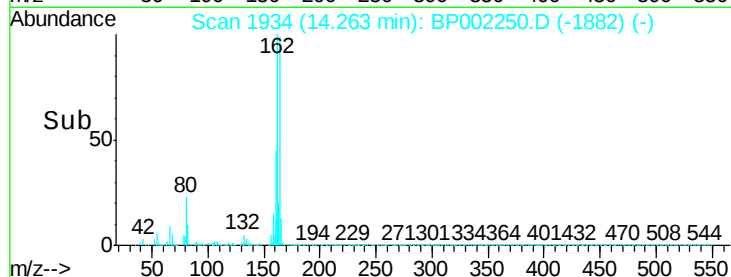
Tot Ion	Ratio	Lower	Upper
164	100		
162	100.6	81.5	122.3
160	45.3	37.3	55.9

Manual Integrations
APPROVED

mohammad

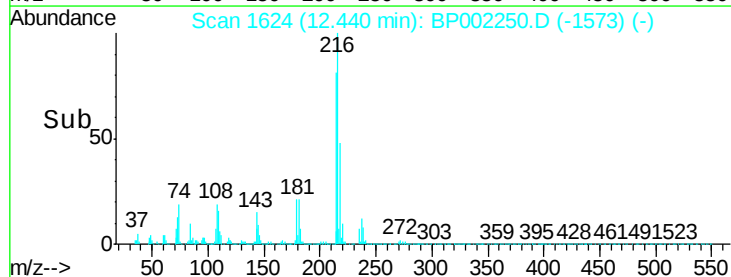
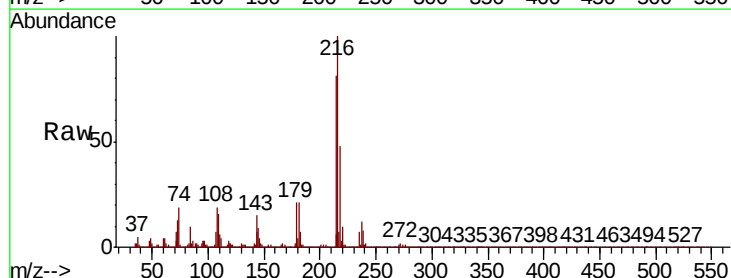
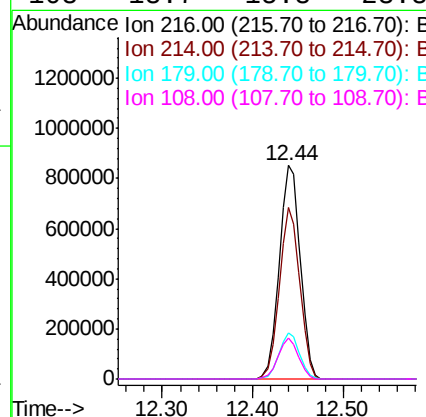


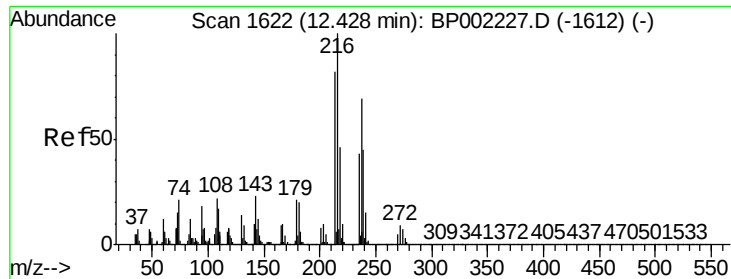
5/6/2020 6:44:50 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.034 ng
RT: 12.44 min Scan# 1624
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.3	62.2	93.4
179	21.0	16.4	24.6
108	18.7	15.8	23.8





#41

Hexachlorocyclopentadiene

Concen: 16.976 ng

RT: 12.43 min Scan# 1622

Delta R.T. 0.00 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Instrument :

BNA_P

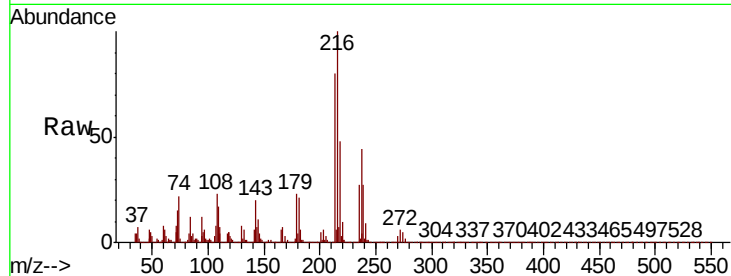
ClientSampleId :

FK-SF-03-009-AMSD

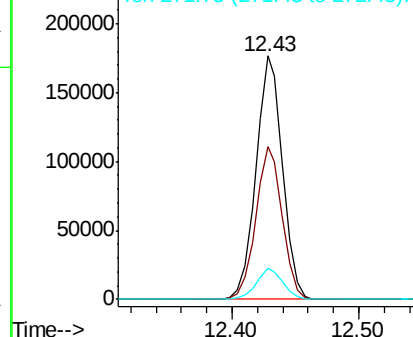
Tot Ion:	237	Resp:	256552
Ion Ratio	Lower	Upper	
237	100		
235	62.5	43.0	83.0
272	12.9	0.0	32.7

Manual Integrations
APPROVED

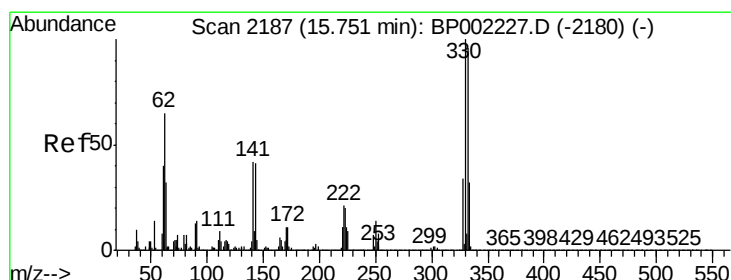
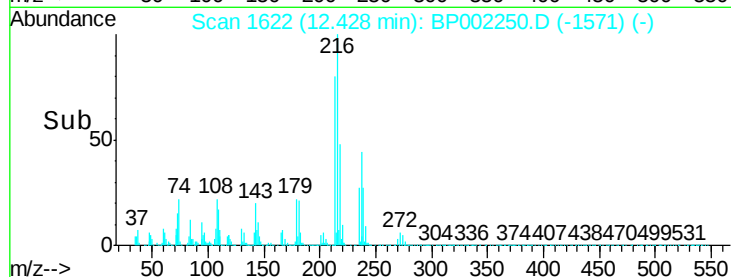
mohammad



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



5/6/2020 6:44:50 PM



#42

2,4,6-Tribromophenol

Concen: 100.836 ng

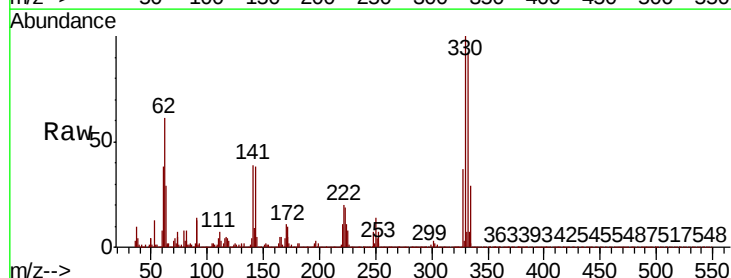
RT: 15.76 min Scan# 2189

Delta R.T. 0.01 min

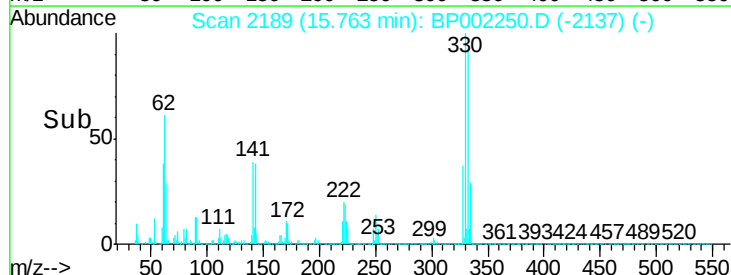
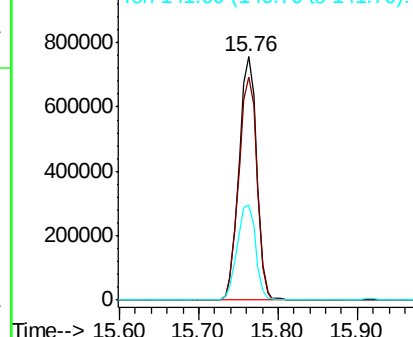
Lab File: BP002250.D

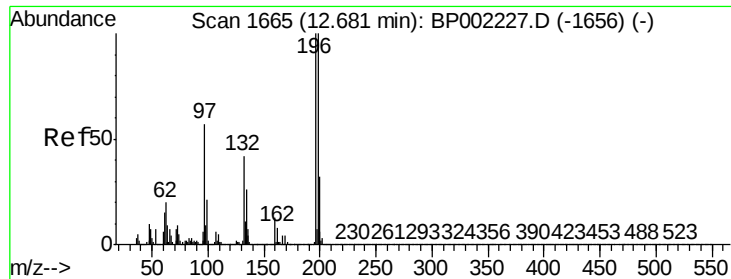
Acq: 05 May 2020 22:43

Tgt Ion:	330	Resp:	1175918
Ion Ratio	Lower	Upper	
330	100		
332	94.4	76.3	114.5
141	40.3	32.0	48.0



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





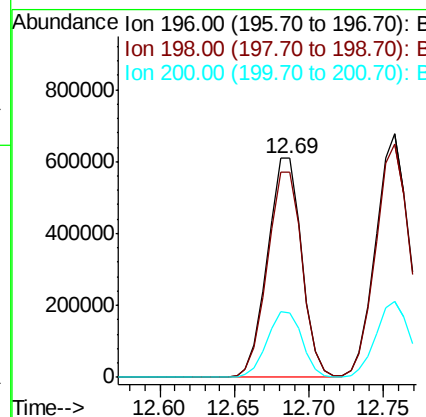
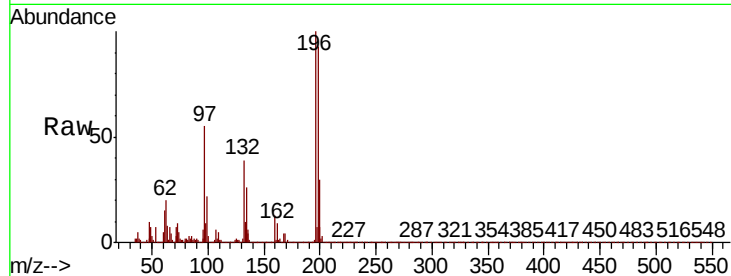
#43
 2,4,6-Trichlorophenol
 Concen: 43.836 ng
 RT: 12.69 min Scan# 1666
 Delta R.T. 0.01 min
 Lab File: BP002250.D
 Acq: 05 May 2020 22:43

Instrument :
 BNA_P
 ClientSampleId :
 FK-SF-03-009-AMSD

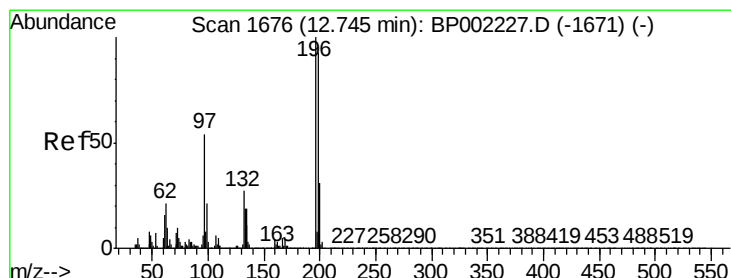
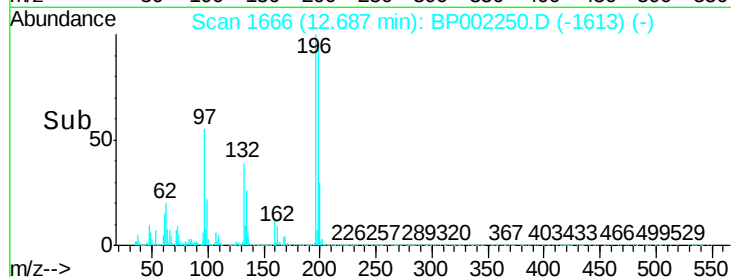
Tot Ion	Ratio	Resp	Lower	Upper
196	100	972172		
198	93.4	79.8	119.6	
200	29.7	25.4	38.2	

Manual Integrations
 APPROVED

mohammad

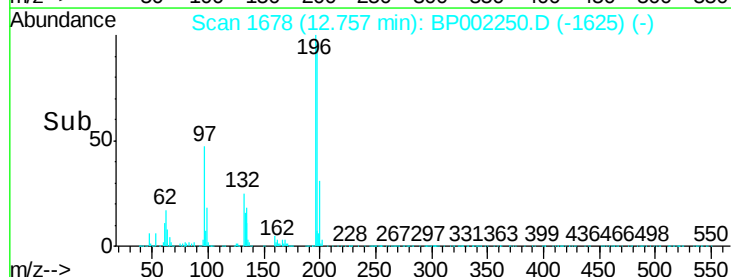
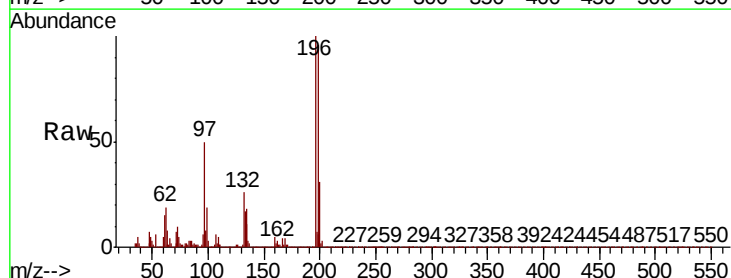
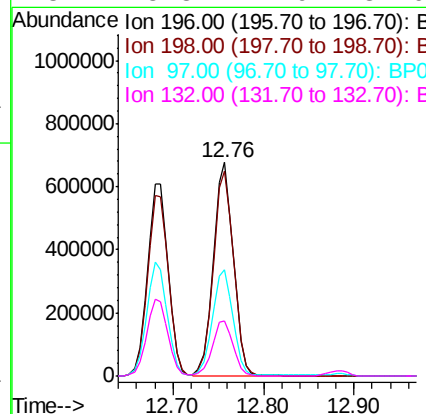


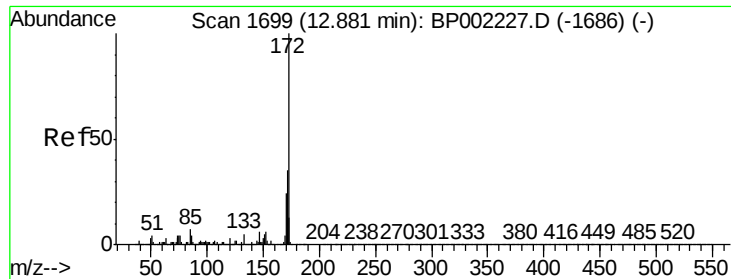
5/6/2020 6:44:50 PM



#44
 2,4,5-Trichlorophenol
 Concen: 39.832 ng
 RT: 12.76 min Scan# 1678
 Delta R.T. 0.01 min
 Lab File: BP002250.D
 Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	1041971		
198	95.7	74.5	111.7	
97	50.0	43.4	65.0	
132	25.8	21.9	32.9	





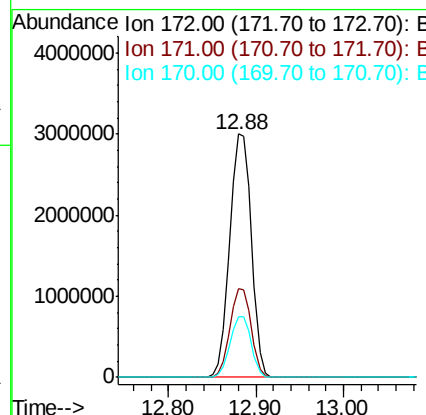
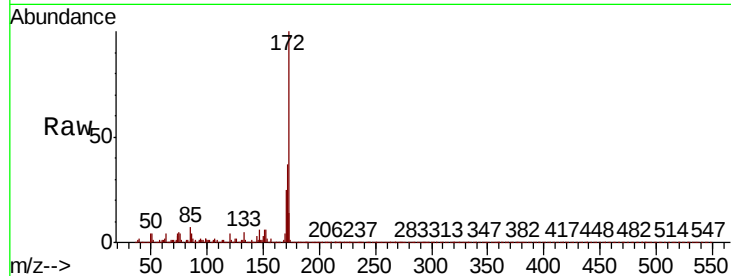
#45
2-Fluorobiphenyl
Concen: 64.735 ng
RT: 12.88 min Scan# 1699
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

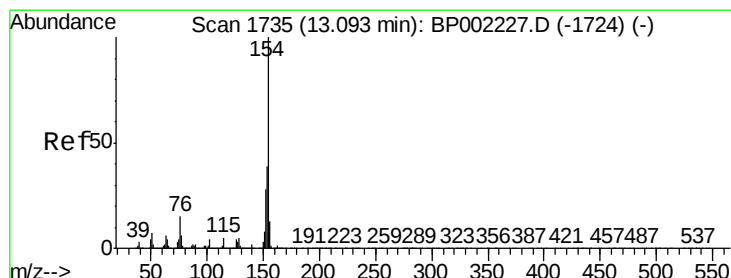
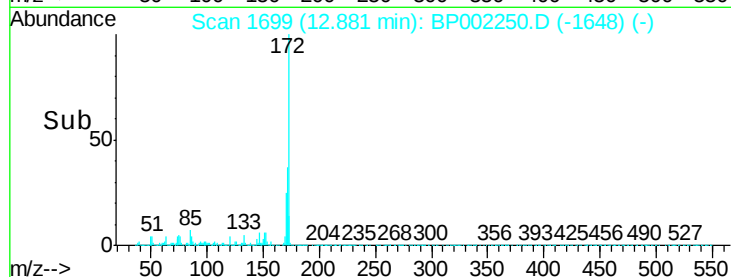
Tot Ion	Ion	Ratio	Lower	Upper
172	172	100		
171	171	36.5	27.9	41.9
170	170	24.9	19.0	28.6

Manual Integrations
APPROVED

mohammad

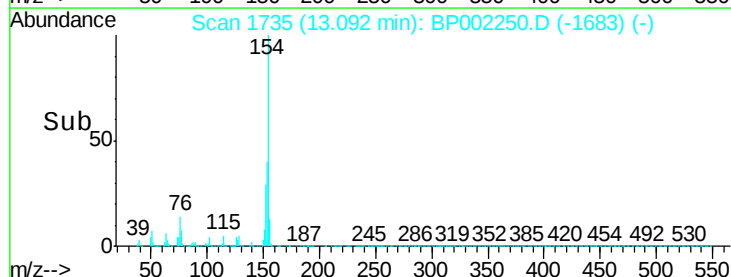
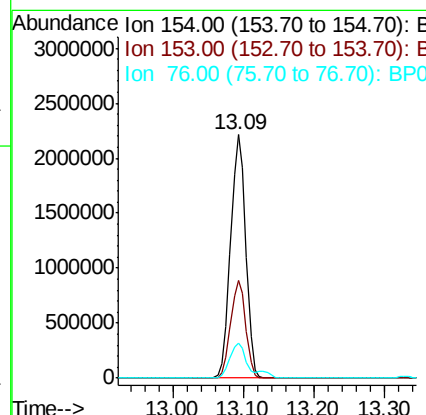
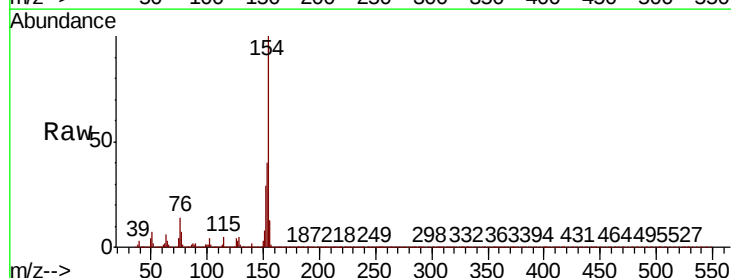


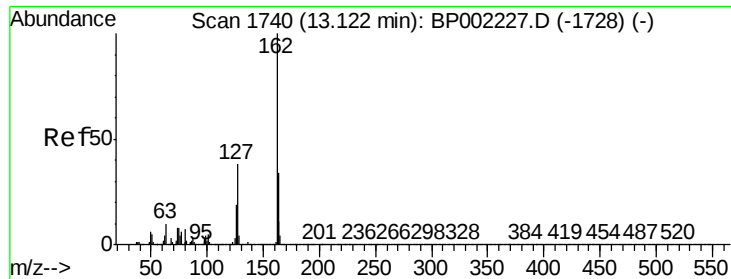
5/6/2020 6:44:50 PM



#46
1,1'-Biphenyl
Concen: 38.090 ng
RT: 13.09 min Scan# 1735
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ion	Ratio	Lower	Upper
154	154	100		
153	153	40.2	18.9	58.9
76	76	14.5	0.0	34.6





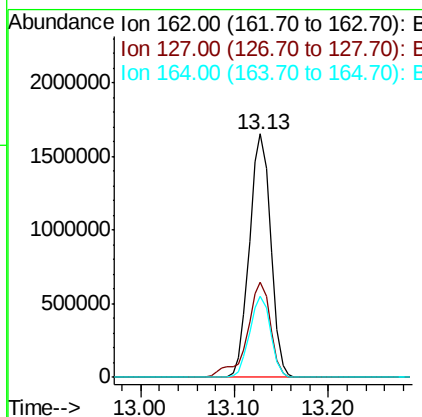
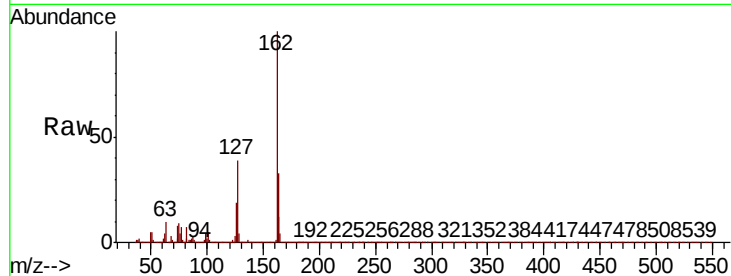
#47
2-Chloronaphthalene
Concen: 38.626 ng
RT: 13.13 min Scan# 1741
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

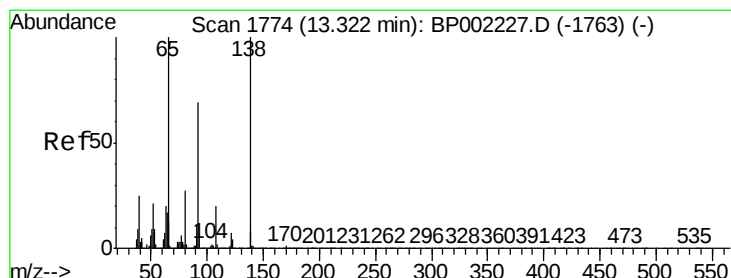
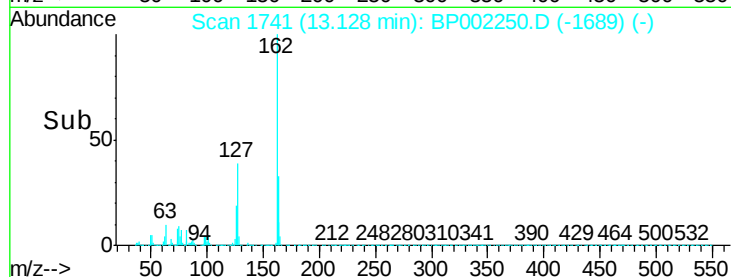
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.1	30.2	45.4
164	33.3	27.0	40.4

Manual Integrations
APPROVED

mohammad

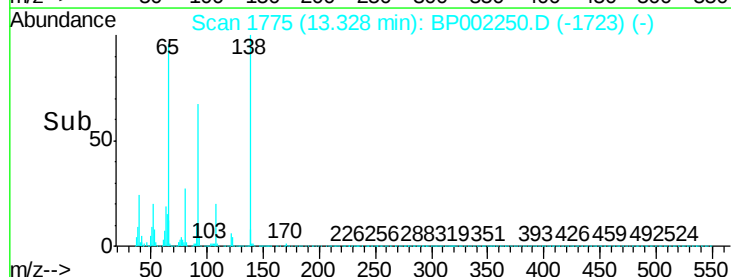
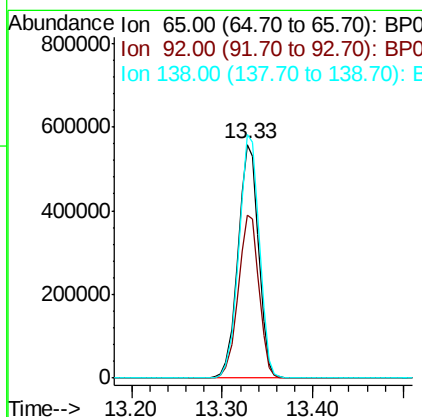
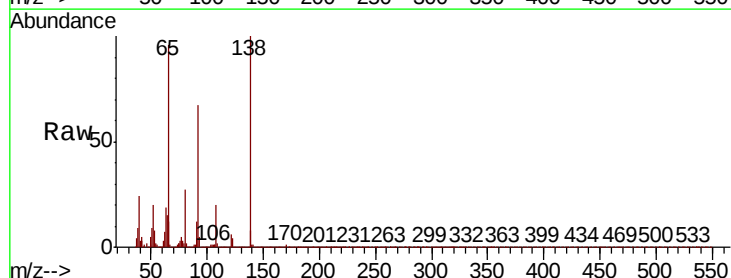


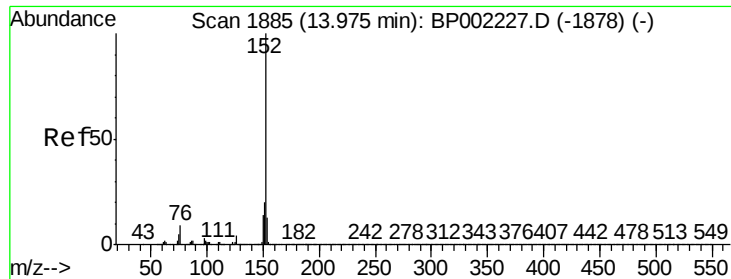
5/6/2020 6:44:50 PM



#48
2-Nitroaniline
Concen: 44.112 ng
RT: 13.33 min Scan# 1775
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	69.8	55.6	83.4
138	104.3	79.9	119.9





#49

Acenaphthylene

Concen: 40.544 ng

RT: 13.98 min Scan# 1886

Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Instrument :

BNA_P

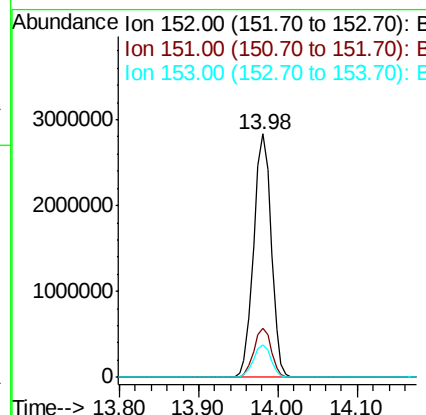
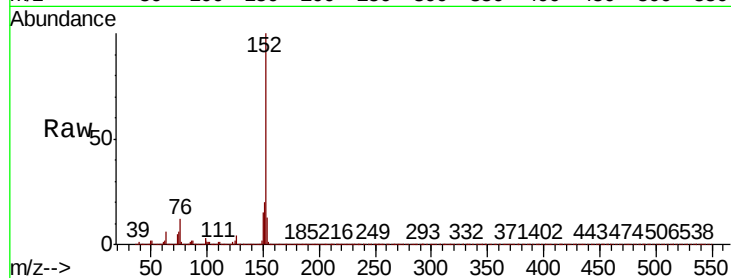
ClientSampleId :

FK-SF-03-009-AMSD

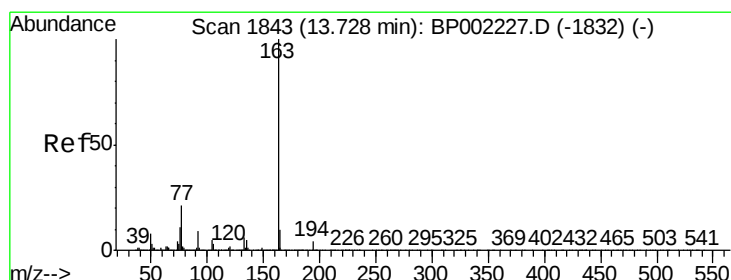
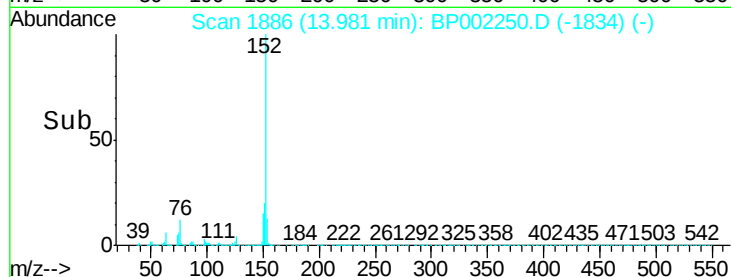
Tot Ion:	152	Resp:	4394607
Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.2	10.7	16.1

Manual Integrations
APPROVED

mohammad



5/6/2020 6:44:50 PM



#50

Dimethylphthalate

Concen: 39.820 ng

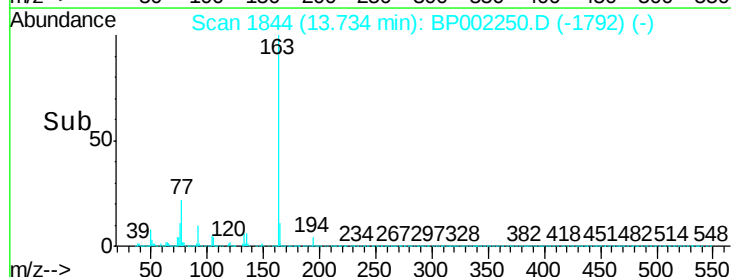
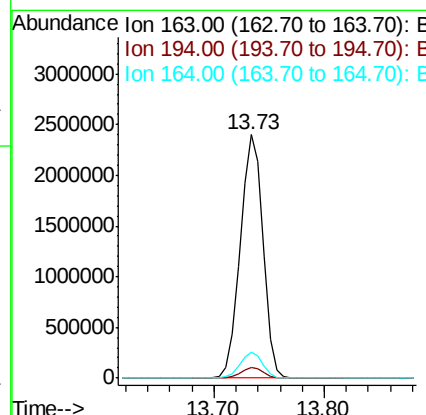
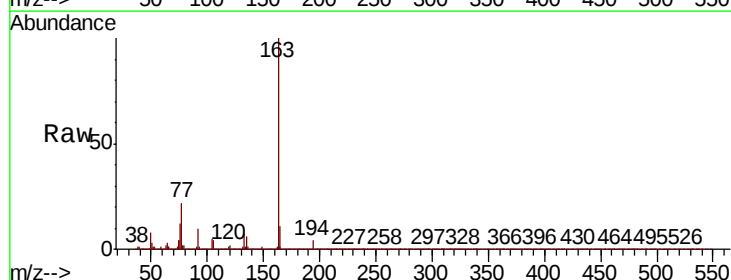
RT: 13.73 min Scan# 1844

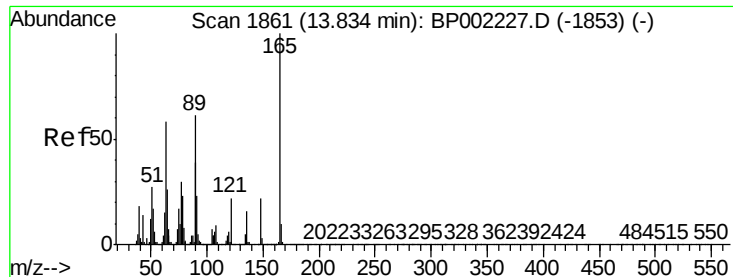
Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Tgt Ion:	163	Resp:	3458128
Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.6	7.8	11.8





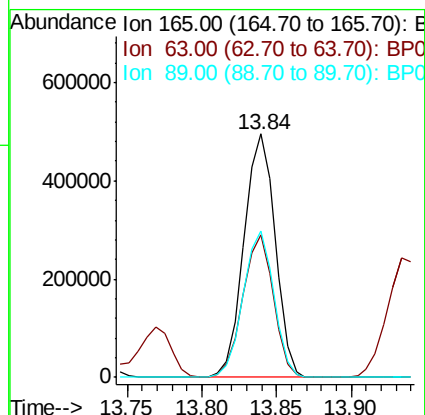
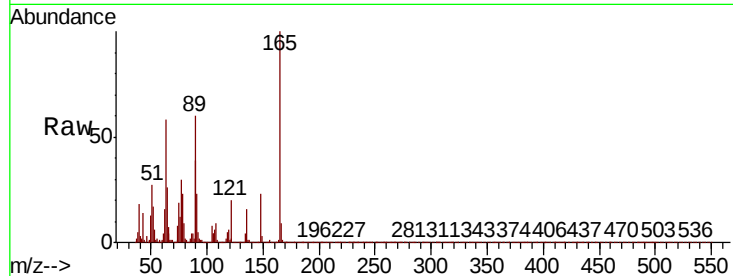
#51
2,6-Dinitrotoluene
Concen: 39.967 ng
RT: 13.84 min Scan# 1862
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

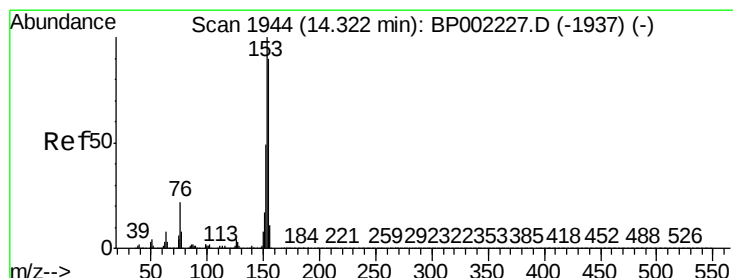
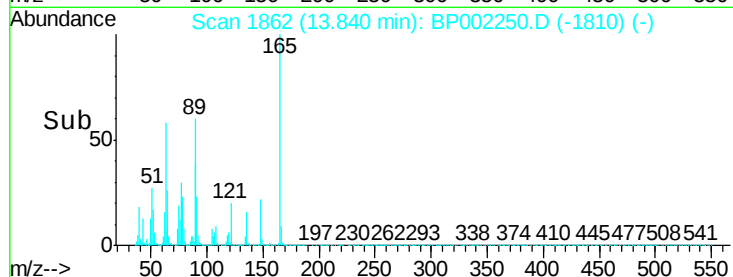
Tot Ion	Ratio	Lower	Upper
165	100		
63	58.5	46.4	69.6
89	60.0	49.1	73.7

Manual Integrations
APPROVED

mohammad

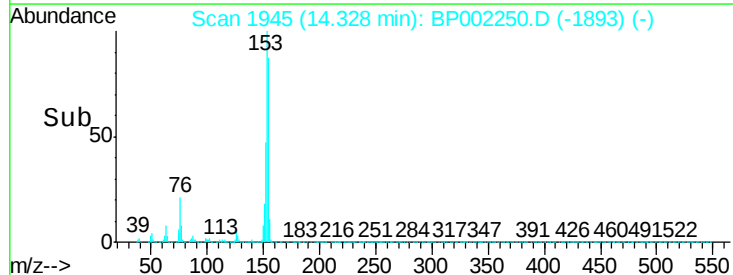
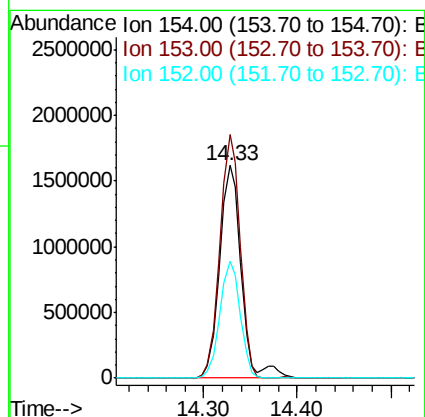
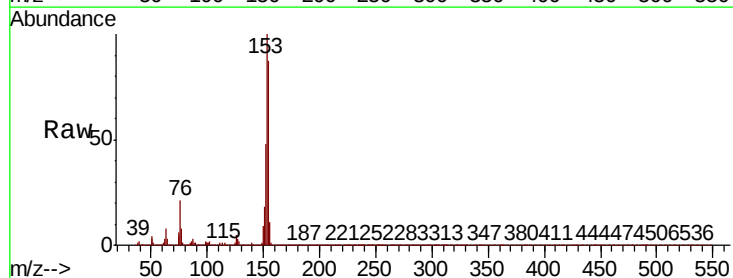


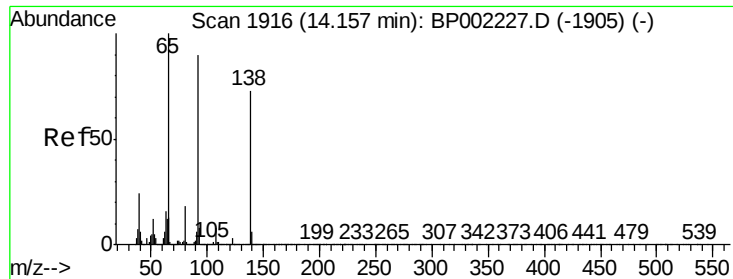
5/6/2020 6:44:50 PM



#52
Acenaphthene
Concen: 37.710 ng m
RT: 14.33 min Scan# 1945
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.5	89.4	134.0
152	54.7	43.4	65.2





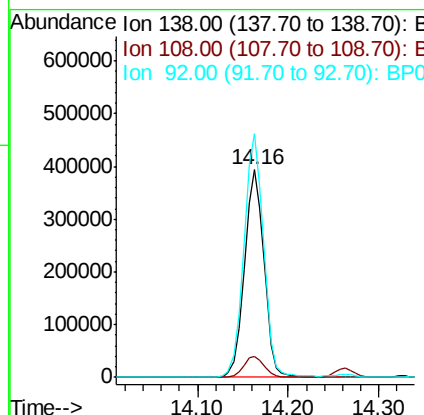
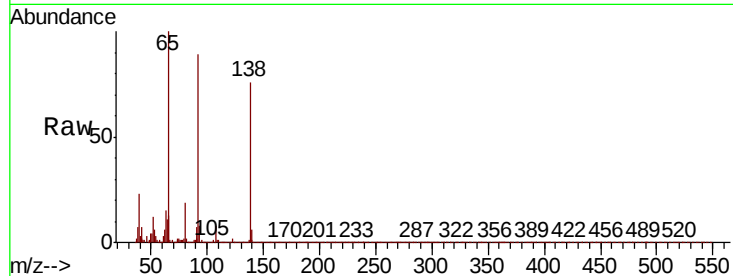
#53
3-Nitroaniline
Concen: 27.563 ng
RT: 14.16 min Scan# 1917
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

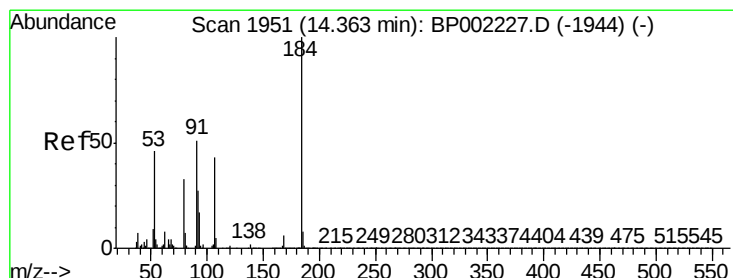
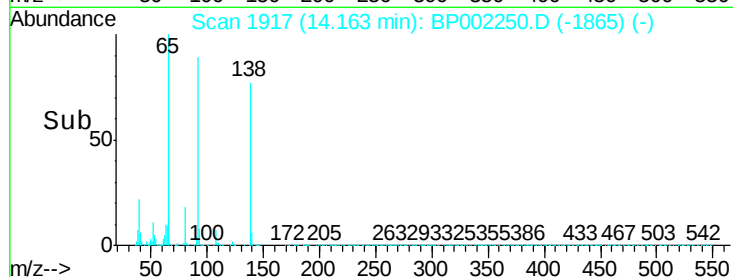
Tot Ion	Ratio	Resp	Lower	Upper
138	100			
108	10.3	8.3	12.5	
92	117.5	98.5	147.7	

Manual Integrations
APPROVED

mohammad

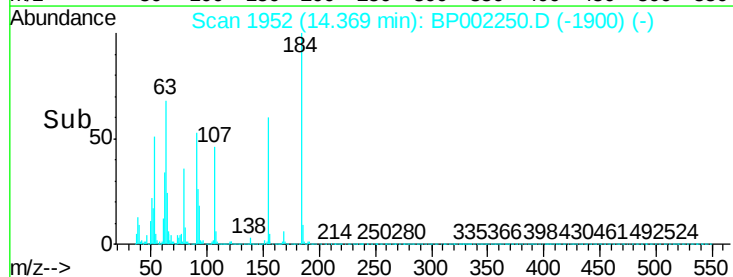
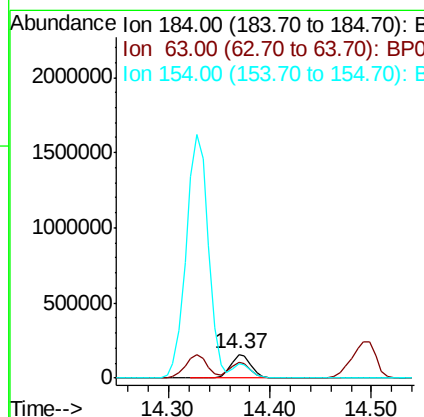
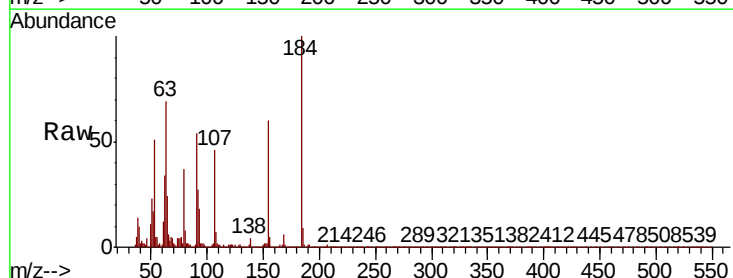


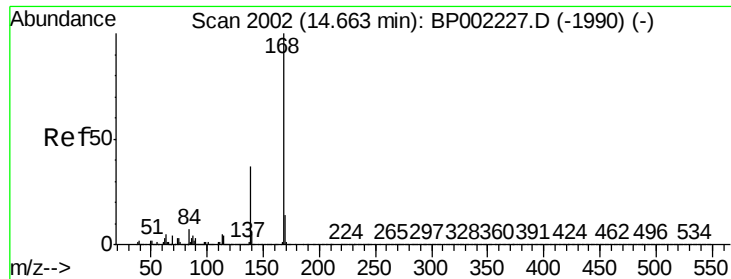
5/6/2020 6:44:50 PM



#54
2,4-Dinitrophenol
Concen: 30.741 ng
RT: 14.37 min Scan# 1952
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
184	100			
63	68.8	53.0	79.6	
154	60.2	47.4	71.2	





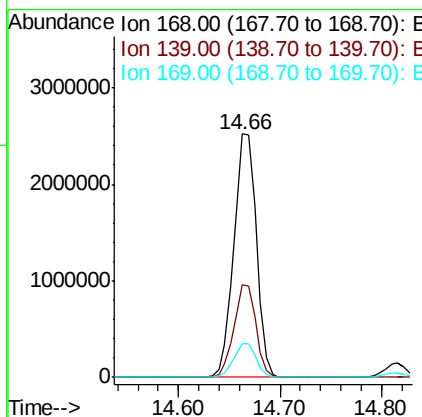
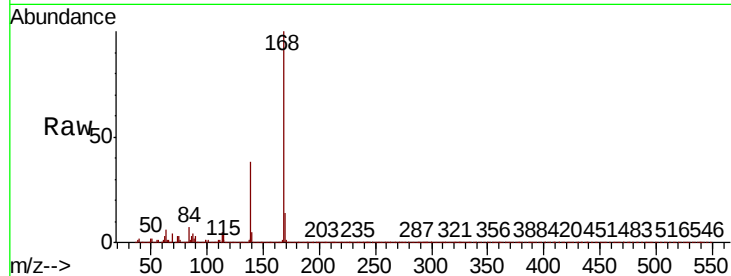
#55
Dibenzofuran
Concen: 37.632 ng
RT: 14.66 min Scan# 2002
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

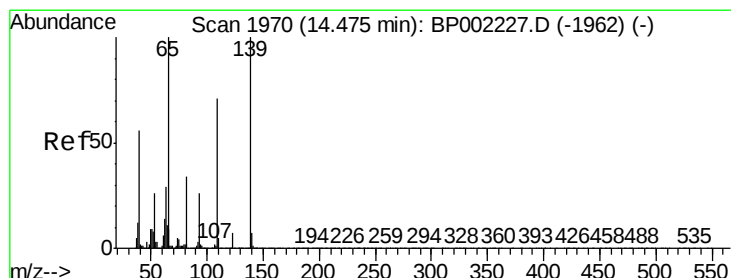
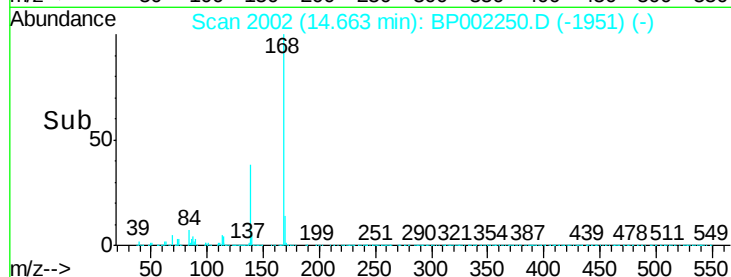
Tot Ion	Ratio	Lower	Upper
168	100		
139	37.8	29.3	43.9
169	13.9	11.0	16.6

Manual Integrations
APPROVED

mohammad

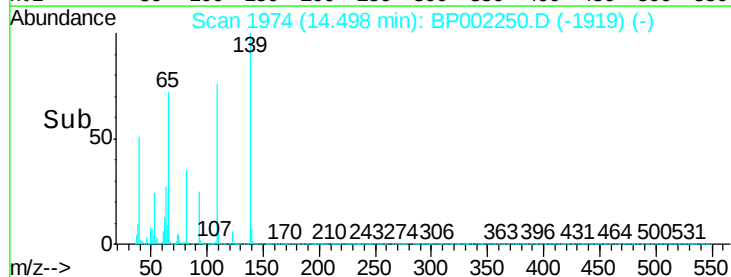
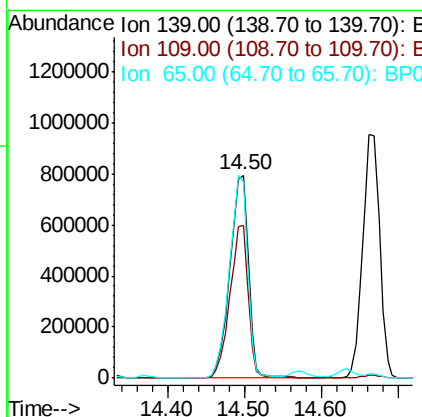
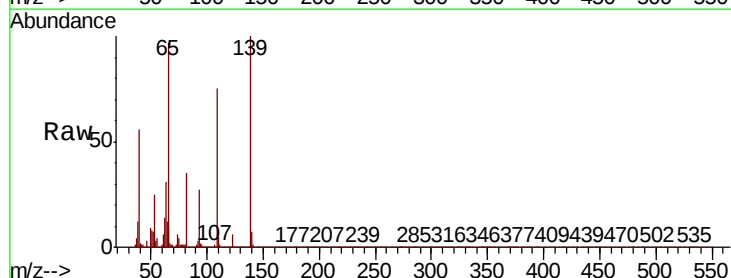


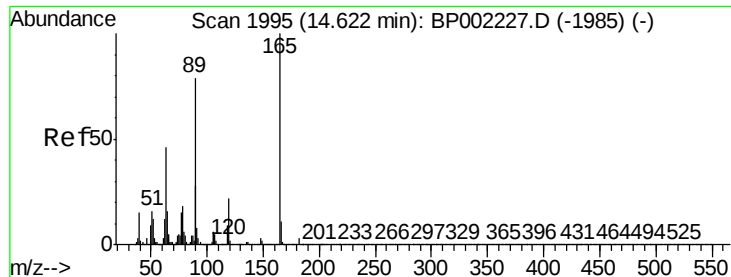
5/6/2020 6:44:50 PM



#56
4-Nitrophenol
Concen: 79.953 ng
RT: 14.50 min Scan# 1974
Delta R.T. 0.02 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
139	100		
109	74.9	50.6	90.6
65	96.8	80.2	120.2





#57
2,4-Dinitrotoluene
Concen: 39.797 ng
RT: 14.63 min Scan# 1997
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

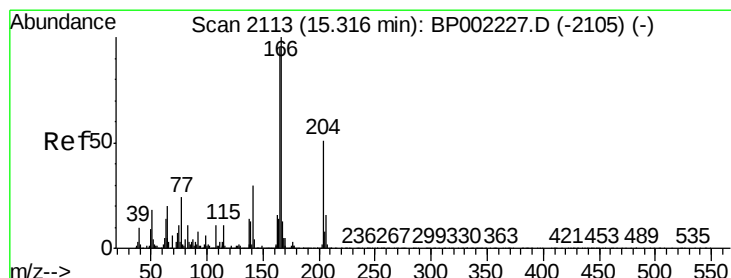
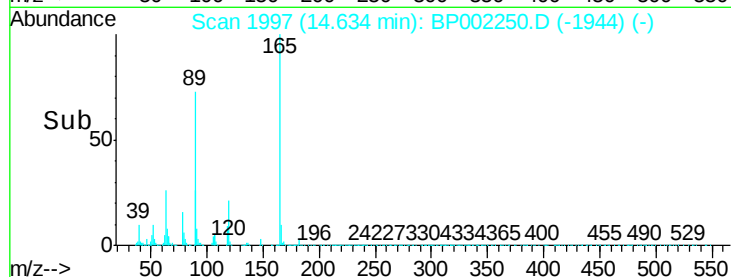
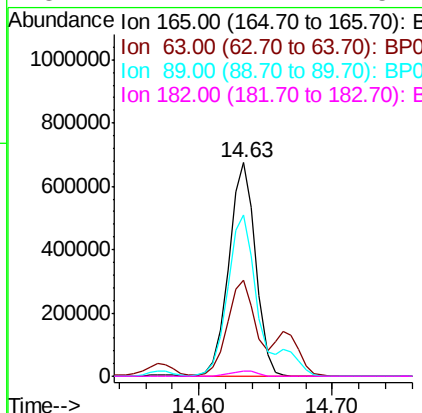
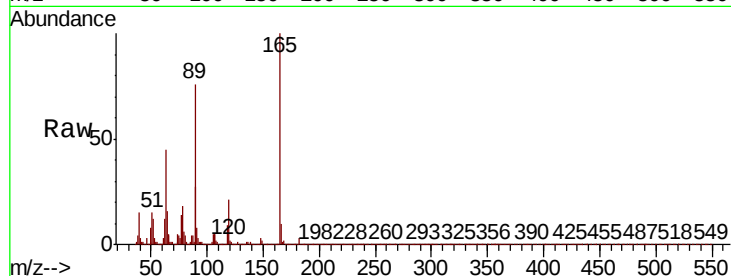
Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion:	165	Resp:	942411
Ion Ratio	Lower	Upper	
165	100		
63	44.7	36.8	55.2
89	75.6	63.2	94.8
182	2.7	2.1	3.1

Manual Integrations
APPROVED

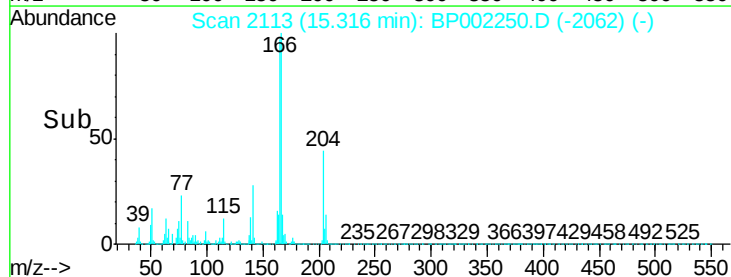
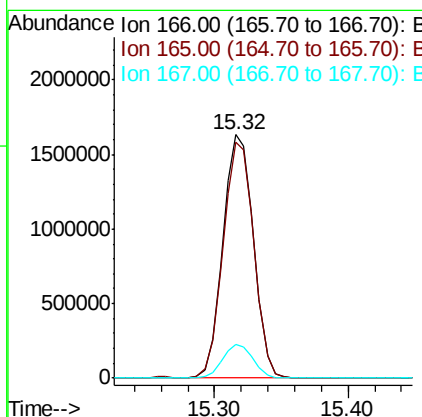
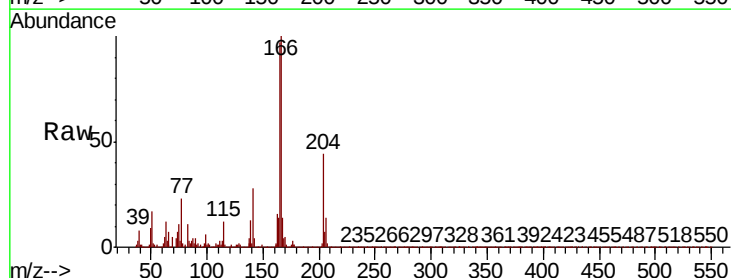
mohammad

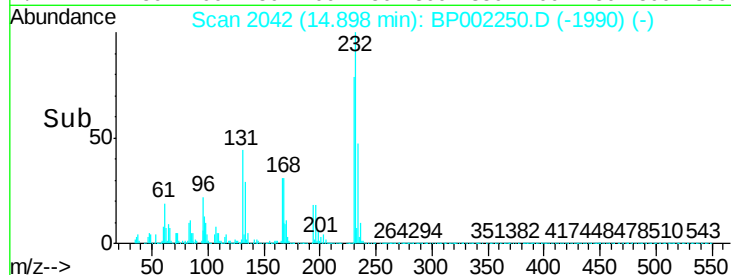
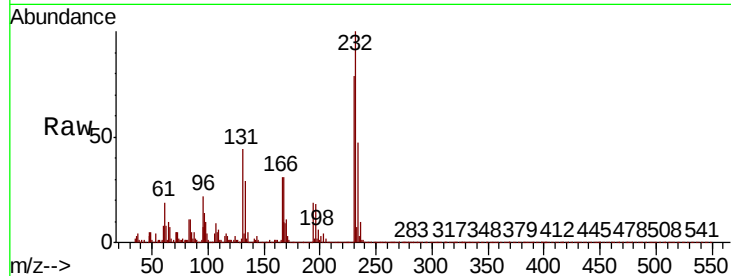
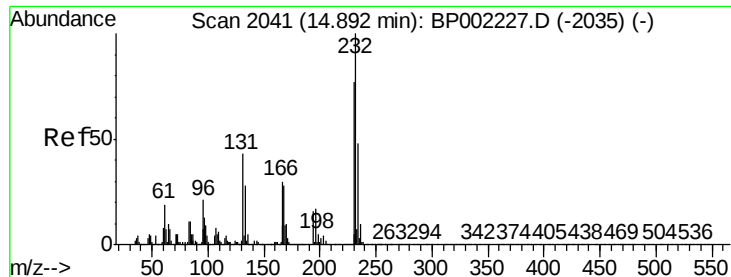
5/6/2020 6:44:50 PM



#58
Fluorene
Concen: 31.807 ng
RT: 15.32 min Scan# 2113
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion:	166	Resp:	2610857
Ion Ratio	Lower	Upper	
166	100		
165	96.7	75.7	113.5
167	13.7	10.6	15.8





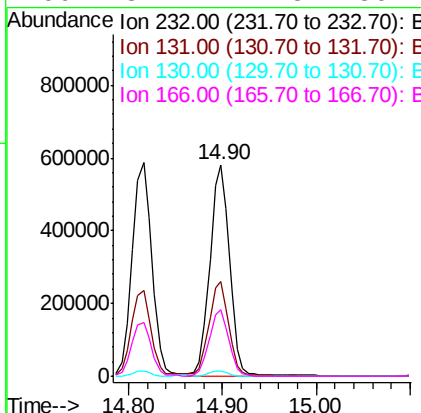
#59
2,3,4,6-Tetrachlorophenol
Concen: 41.544 ng
RT: 14.90 min Scan# 2042
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.7	35.7	53.5
130	2.4	1.8	2.6
166	31.1	24.5	36.7

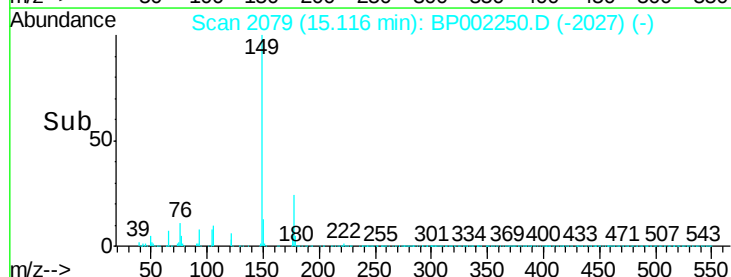
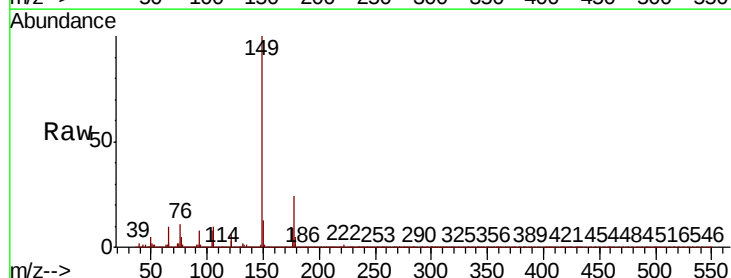
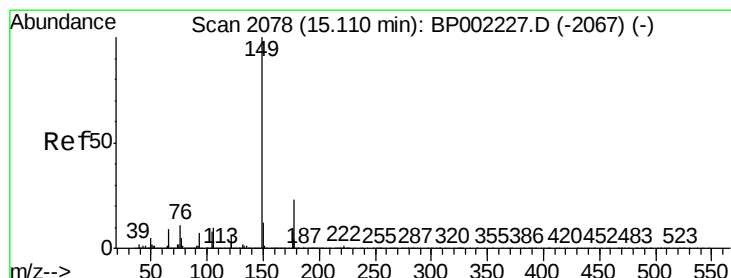
Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

Manual Integrations
APPROVED

mohammad

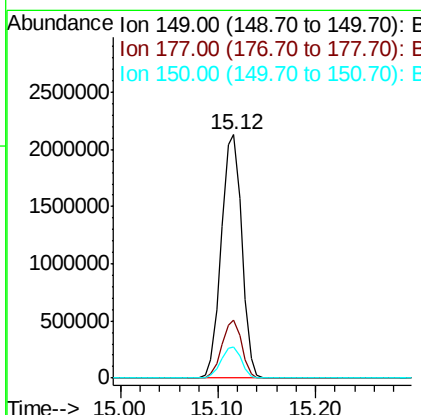


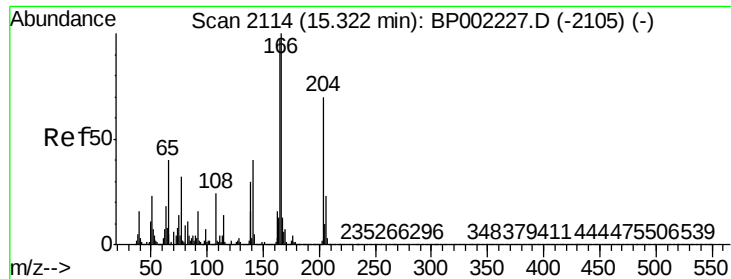
5/6/2020 6:44:50 PM



#60
Diethylphthalate
Concen: 35.200 ng
RT: 15.12 min Scan# 2079
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	18.2	27.2
150	12.7	9.8	14.8





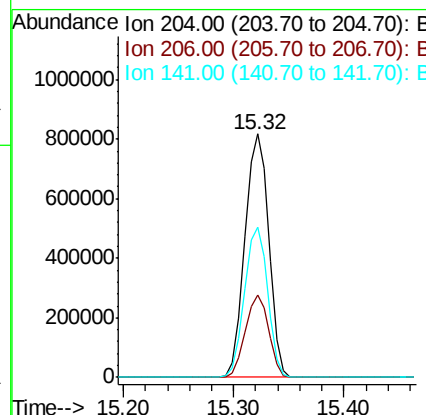
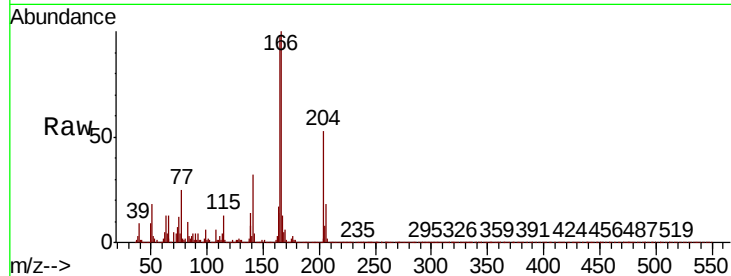
#61
4-Chlorophenyl-phenylether
Concen: 30.730 ng
RT: 15.32 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

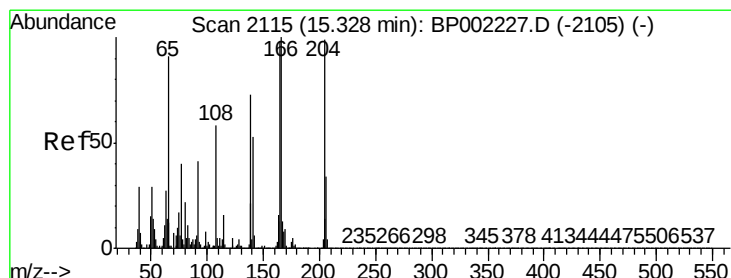
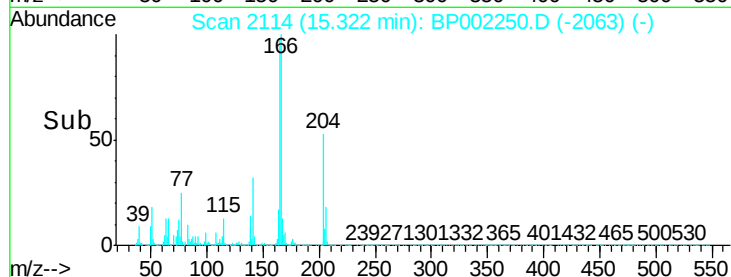
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.8	26.2	39.4
141	61.6	46.2	69.2

Manual Integrations
APPROVED

mohammad

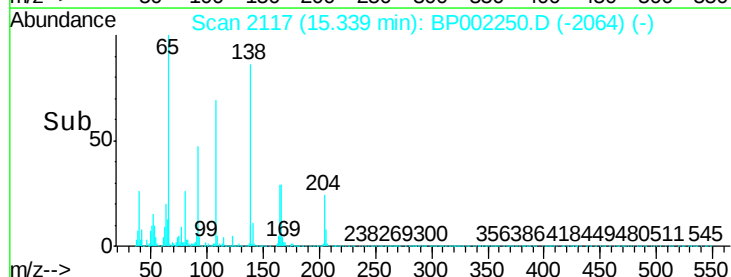
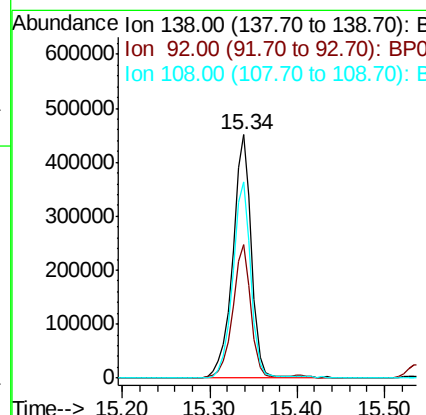
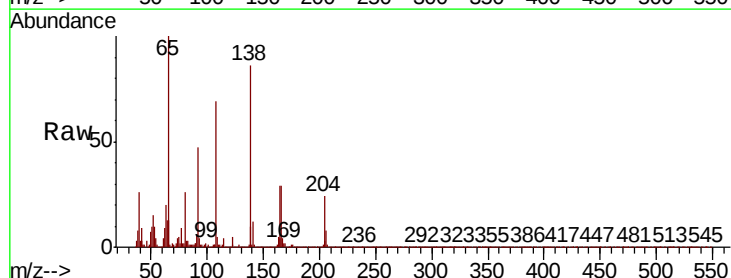


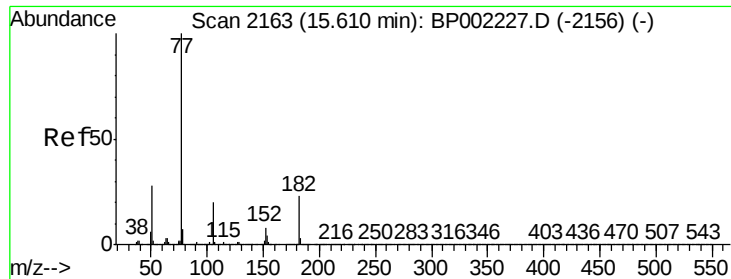
5/6/2020 6:44:50 PM



#62
4-Nitroaniline
Concen: 32.601 ng
RT: 15.34 min Scan# 2117
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.9	35.3	75.3
108	80.4	59.2	99.2





#63
Azobenzene
Concen: 36.504 ng
RT: 15.62 min Scan# 2164
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

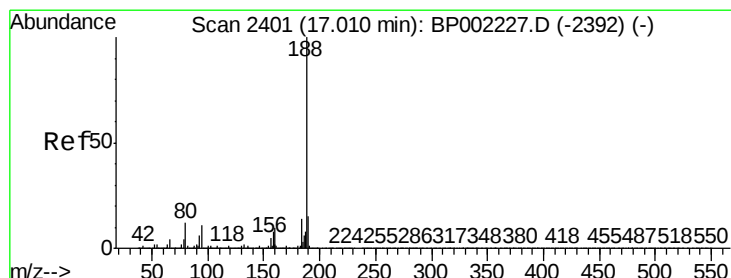
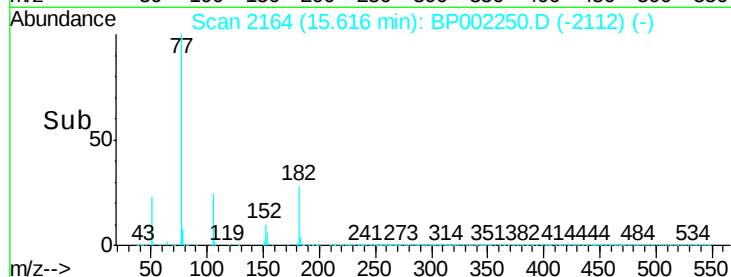
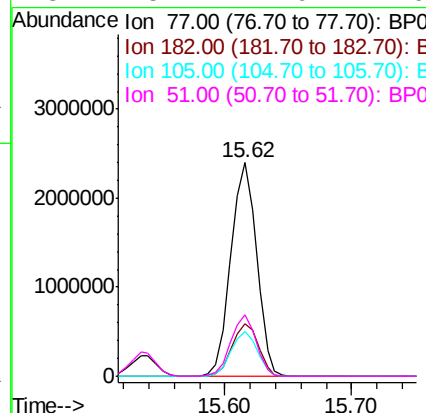
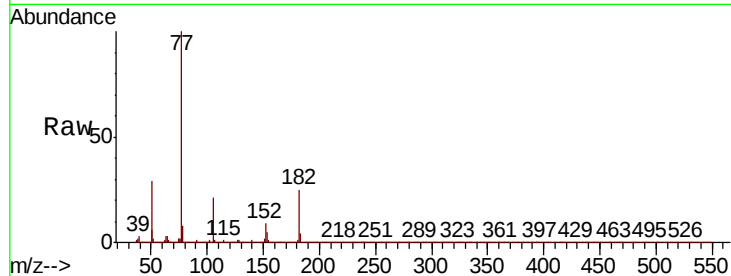
Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	77	Resp	3358136
Ion	Ratio	Lower	Upper
77	100		
182	24.8	2.7	42.7
105	21.0	0.5	40.5
51	28.7	7.9	47.9

Manual Integrations
APPROVED

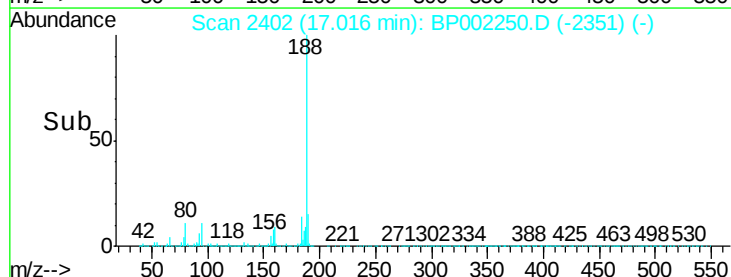
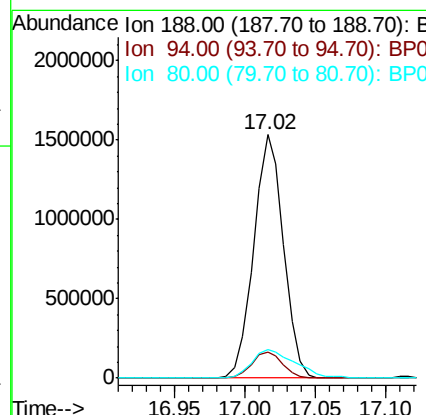
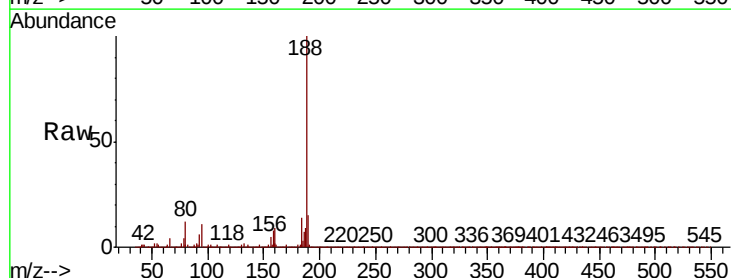
mohammad

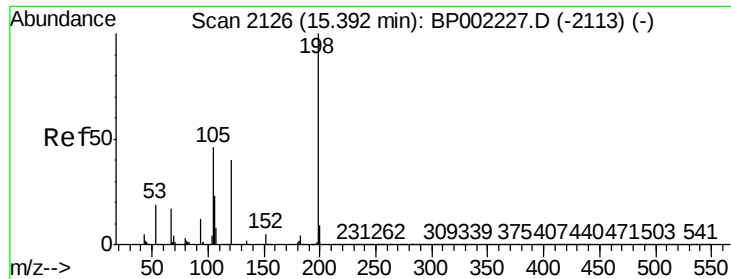
5/6/2020 6:44:50 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2402
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	188	Resp	2264559
Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.0	13.4
80	11.5	9.8	14.6





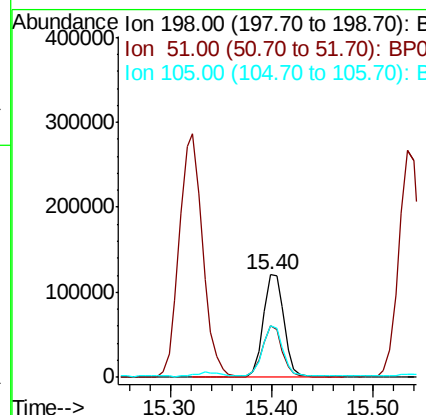
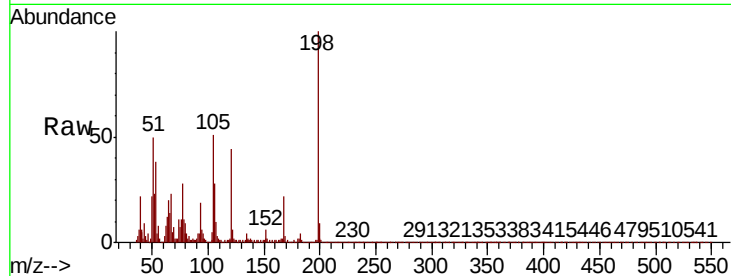
#65
4,6-Dinitro-2-methylphenol
Concen: 18.387 ng
RT: 15.40 min Scan# 2127
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

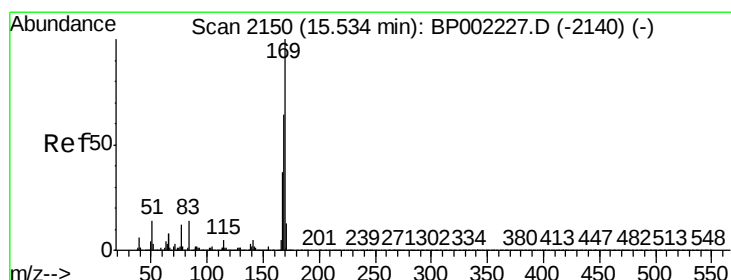
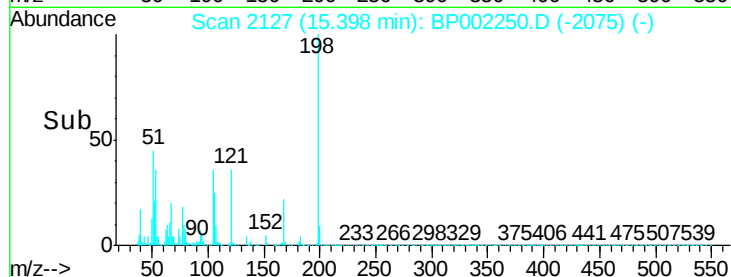
Tot Ion	Ratio	Resp	Lower	Upper
198	100	171935		
51	50.2	26.7	66.7	
105	50.9	27.5	67.5	

Manual Integrations
APPROVED

mohammad

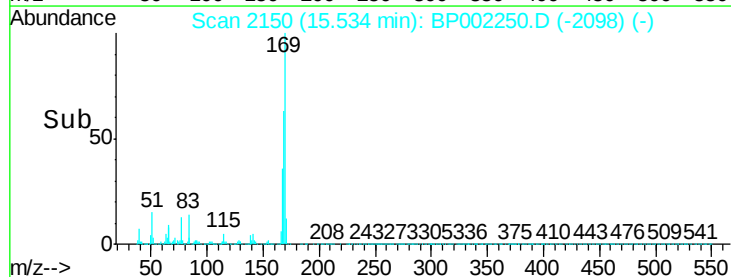
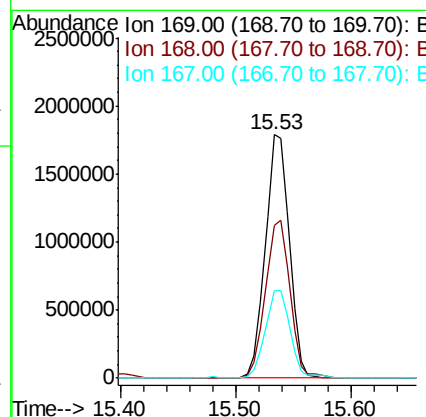
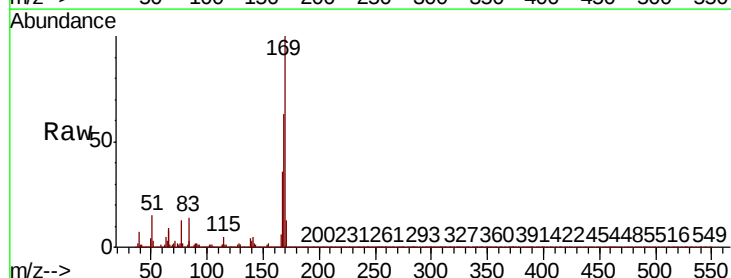


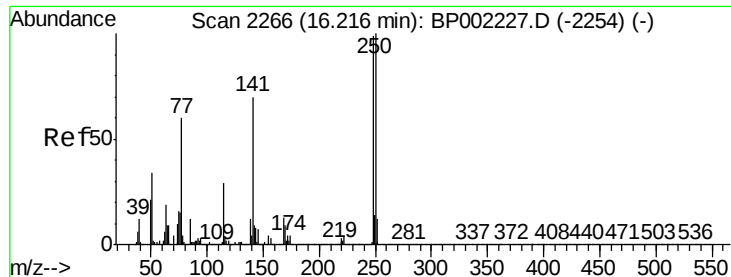
5/6/2020 6:44:50 PM



#66
n-Nitrosodiphenylamine
Concen: 39.468 ng
RT: 15.53 min Scan# 2150
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	2614162		
168	62.9	51.2	76.8	
167	35.8	29.6	44.4	





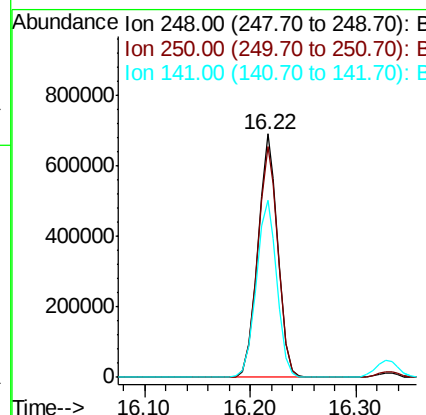
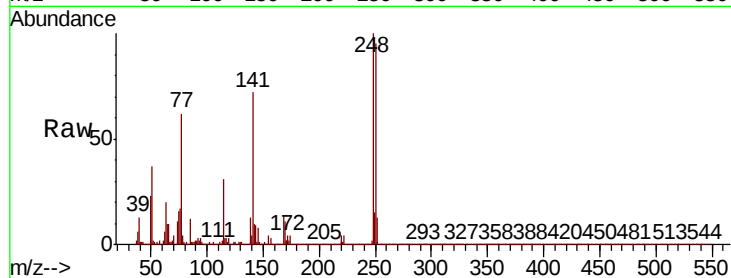
#67
4-Bromophenyl-phenylether
Concen: 37.722 ng
RT: 16.22 min Scan# 2266
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

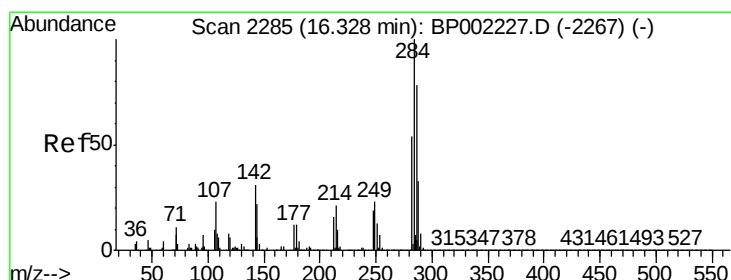
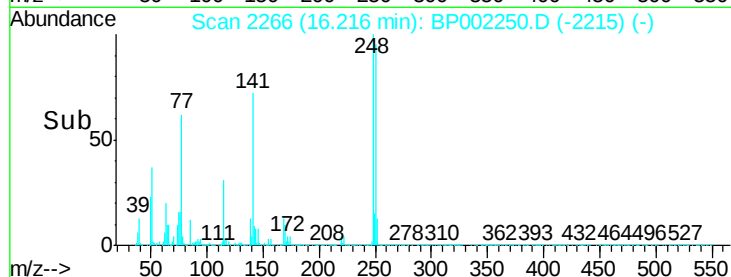
Tot Ion	Ratio	Lower	Upper
248	100		
250	95.0	80.6	120.8
141	72.5	56.0	84.0

Manual Integrations
APPROVED

mohammad

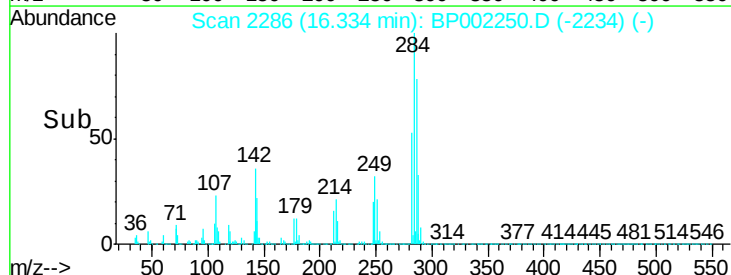
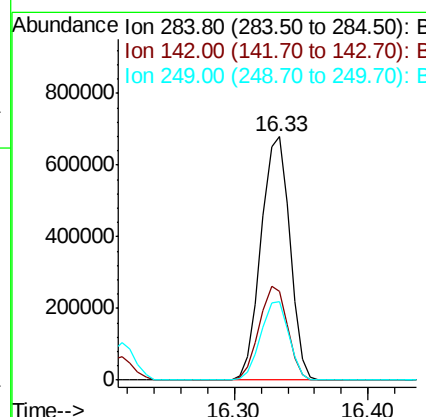
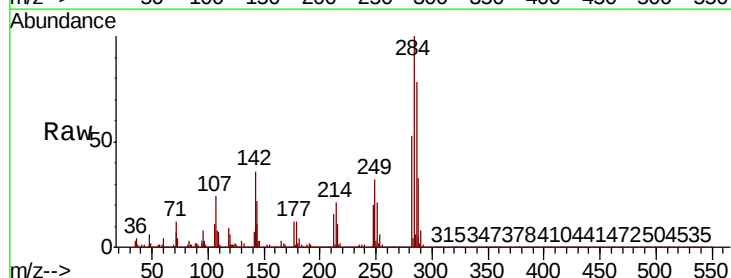


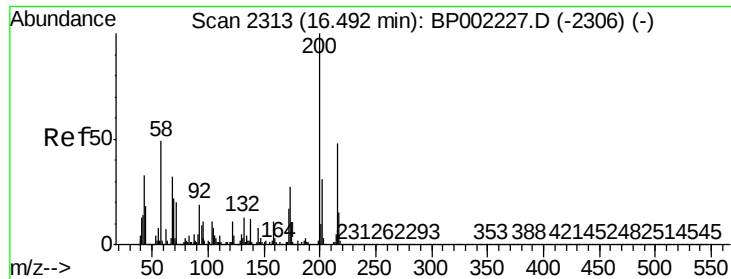
5/6/2020 6:44:50 PM



#68
Hexachlorobenzene
Concen: 39.498 ng
RT: 16.33 min Scan# 2286
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	36.2	29.3	43.9
249	32.3	25.7	38.5





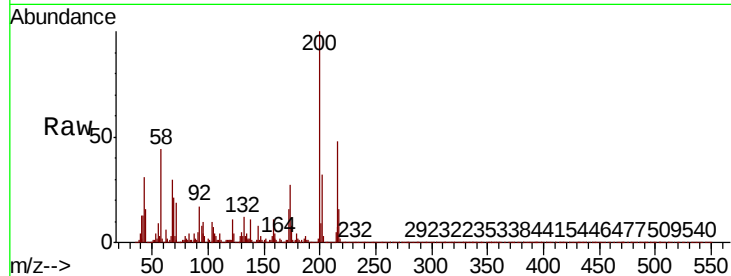
#69
Atrazine
Concen: 39.482 ng
RT: 16.50 min Scan# 2315
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

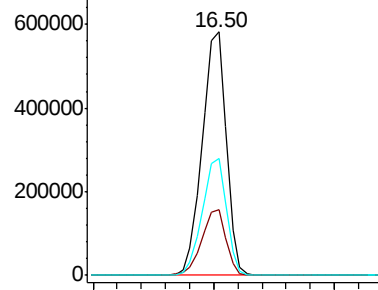
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.9	6.6	46.6
215	47.8	27.7	67.7

Manual Integrations
APPROVED

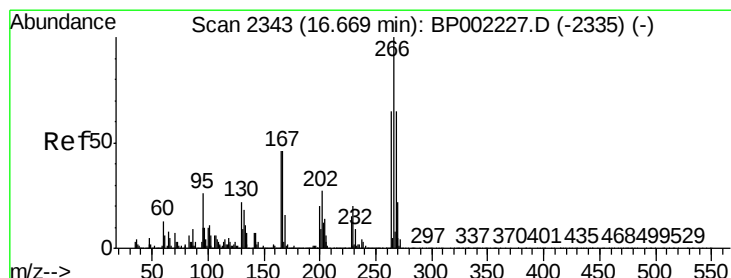
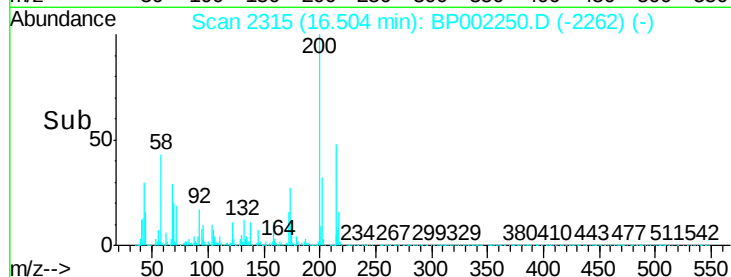
mohammad



Abundance Ion 200.00 (199.70 to 200.70): E
800000 Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

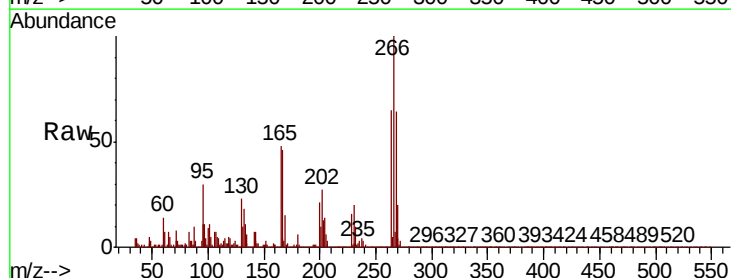


5/6/2020 6:44:50 PM

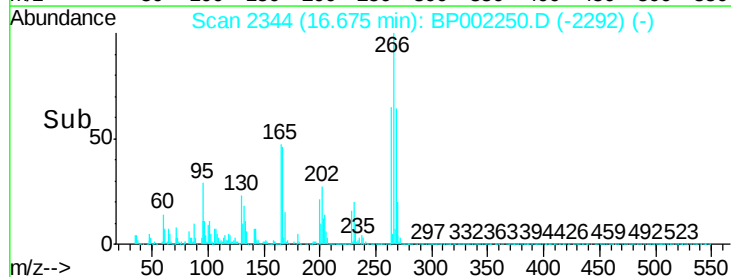
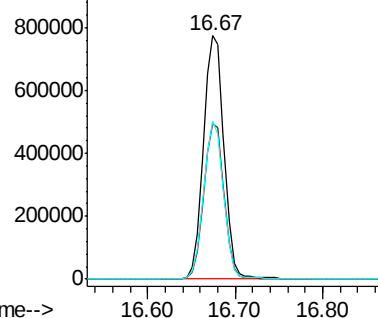


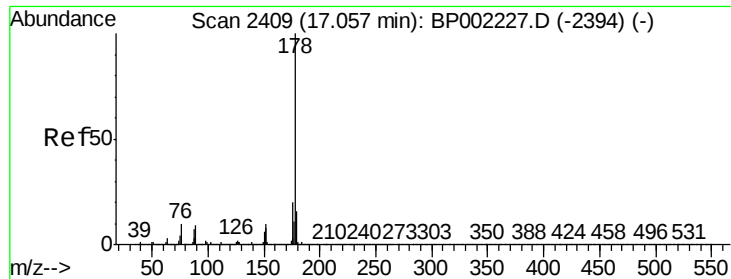
#70
Pentachlorophenol
Concen: 80.568 ng
RT: 16.67 min Scan# 2344
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.7	77.5
264	64.9	52.4	78.6



Abundance Ion 265.70 (265.40 to 266.40): E
1000000 Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 43.163 ng

RT: 17.06 min Scan# 2410

Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Instrument :

BNA_P

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:178 Resp: 5496798

Ion Ratio Lower Upper

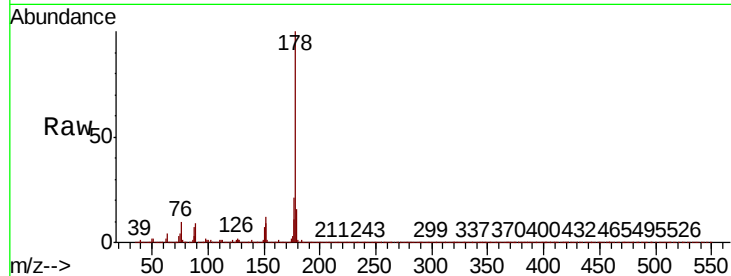
178 100

176 21.3 15.8 23.8

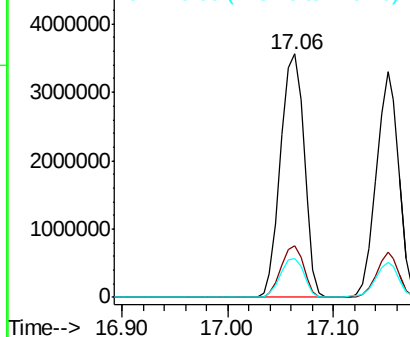
179 16.2 12.6 18.8

Manual Integrations
APPROVED

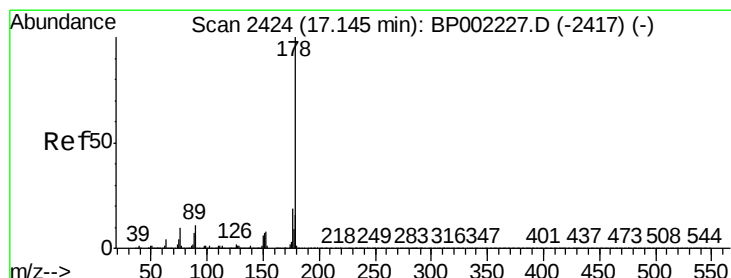
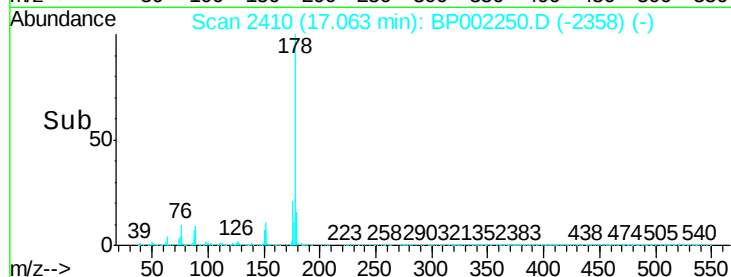
mohammad



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



5/6/2020 6:44:50 PM



#72

Anthracene

Concen: 39.114 ng

RT: 17.15 min Scan# 2425

Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

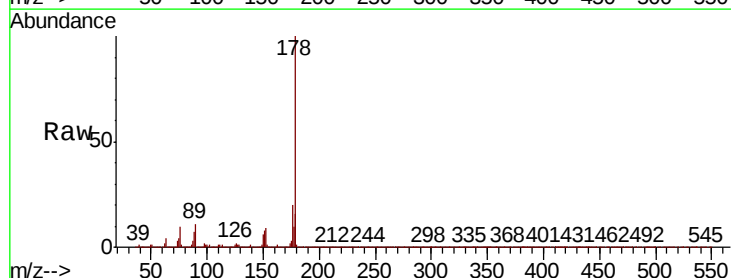
Tgt Ion:178 Resp: 4907868

Ion Ratio Lower Upper

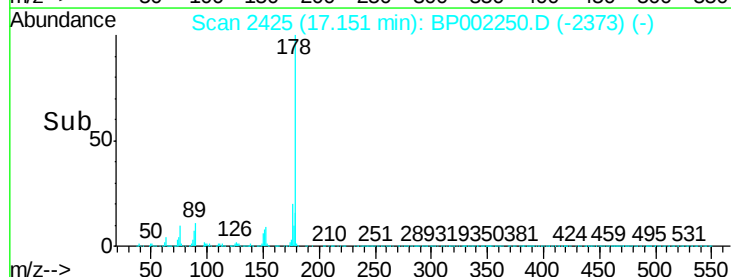
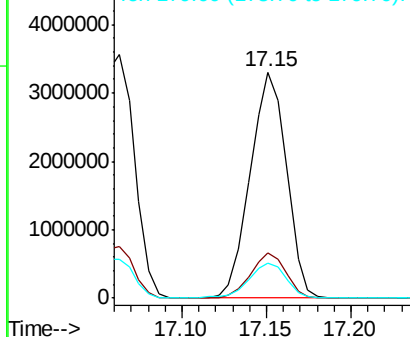
178 100

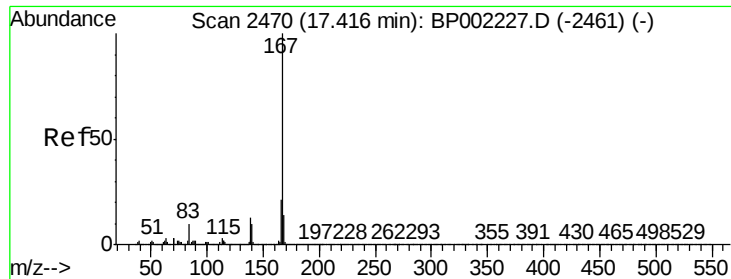
176 20.0 15.6 23.4

179 15.7 12.6 18.8



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





#73

Carbazole

Concen: 36.771 ng

RT: 17.42 min Scan# 2471

Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Instrument :

BNA_P

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:167 Resp: 4458140

Ion Ratio Lower Upper

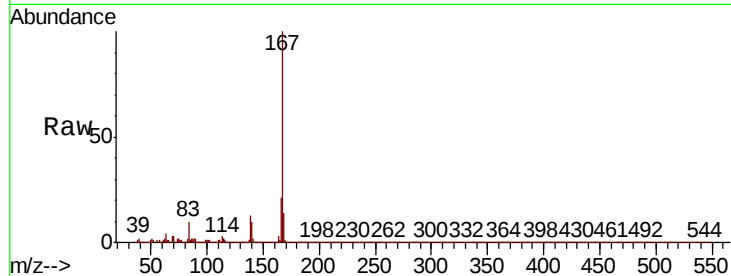
167 100

166 21.4 16.5 24.7

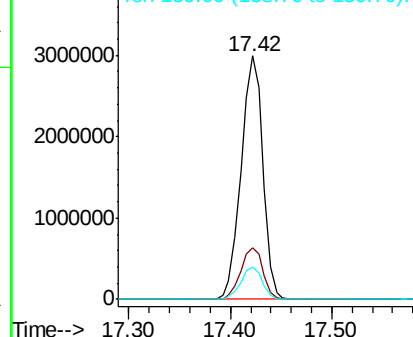
139 13.3 10.1 15.1

Manual Integrations
APPROVED

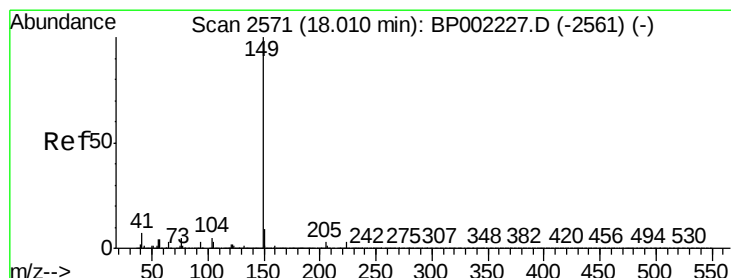
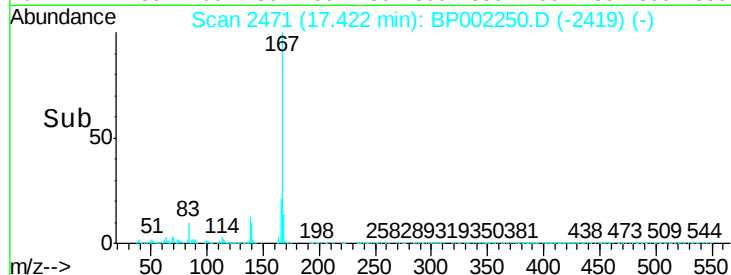
mohammad



Abundance Ion 167.00 (166.70 to 167.70): E
4000000 Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



5/6/2020 6:44:50 PM



#74

Di-n-butylphthalate

Concen: 37.972 ng

RT: 18.01 min Scan# 2571

Delta R.T. 0.00 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

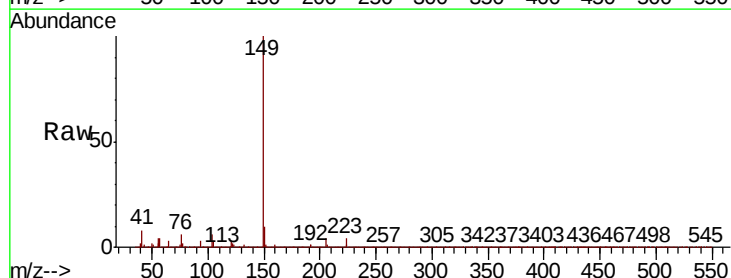
Tgt Ion:149 Resp: 5193750

Ion Ratio Lower Upper

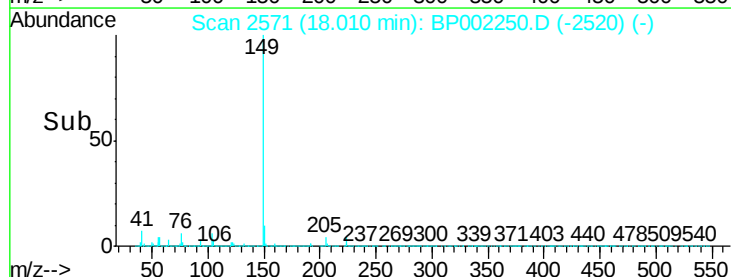
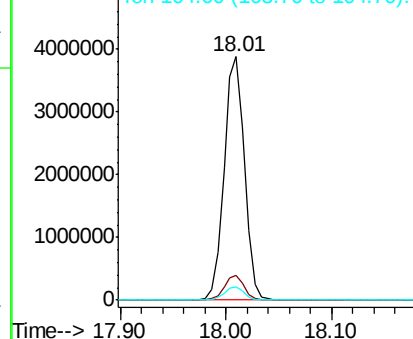
149 100

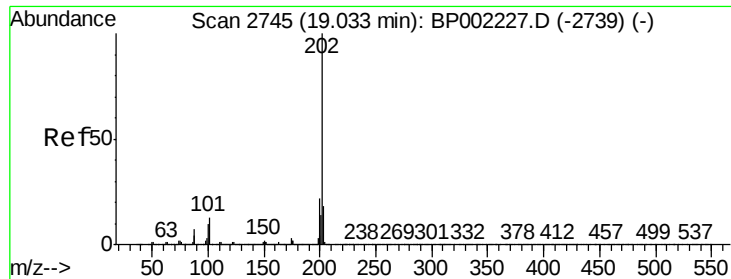
150 9.9 7.4 11.0

104 5.6 4.2 6.2



Abundance Ion 149.00 (148.70 to 149.70): E
5000000 Ion 150.00 (149.70 to 150.70): E
Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 45.726 ng

RT: 19.05 min Scan# 2747

Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Instrument :

BNA_P

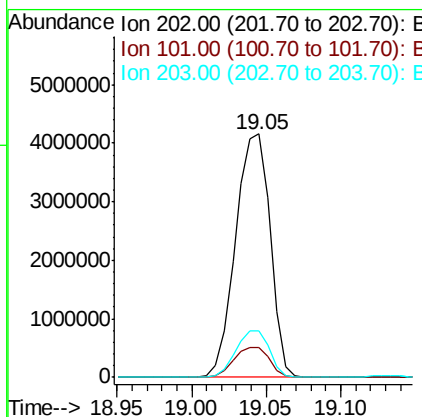
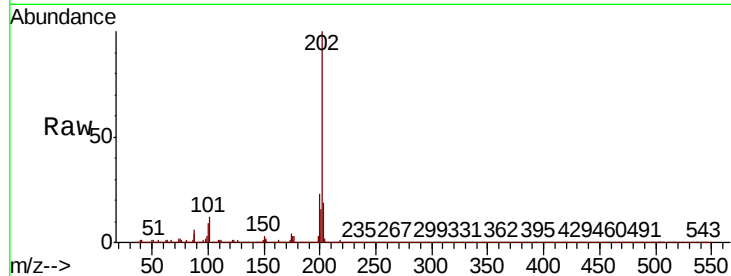
ClientSampleId :

FK-SF-03-009-AMSD

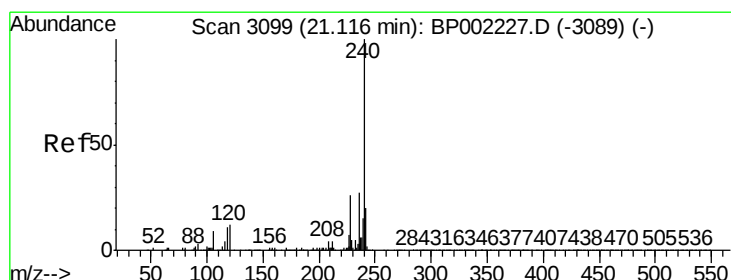
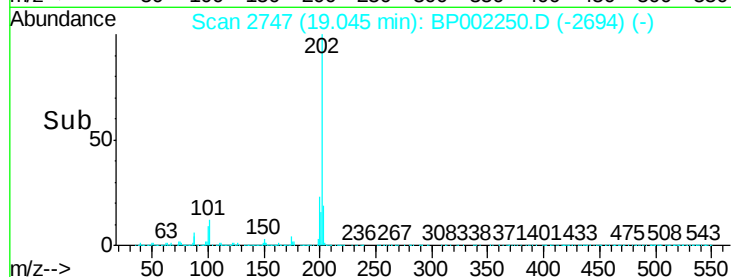
Tot Ion:	202	Resp:	6680712
Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.3
203	19.2	0.0	38.2

Manual Integrations
APPROVED

mohammad



5/6/2020 6:44:50 PM



#76

Chrysene-d12

Concen: 20.000 ng

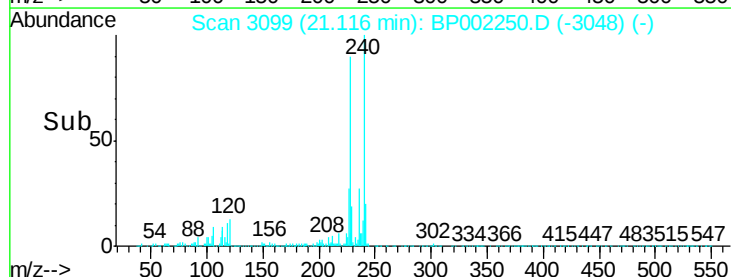
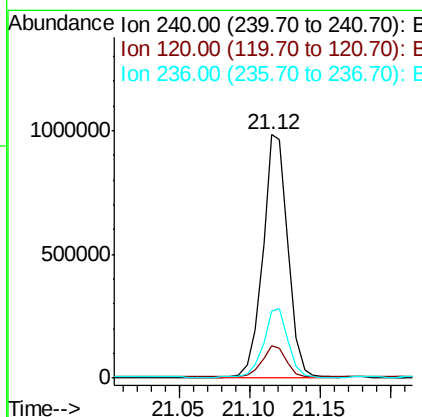
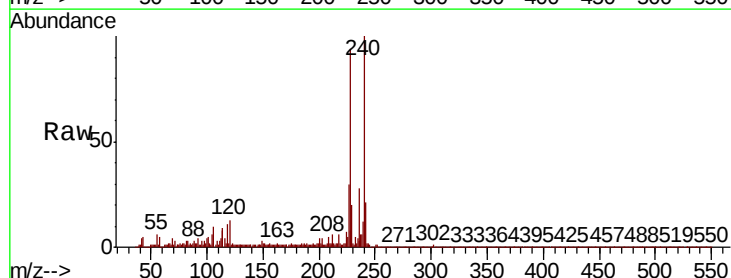
RT: 21.12 min Scan# 3099

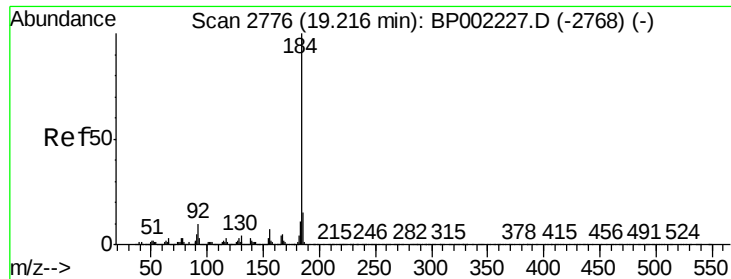
Delta R.T. 0.00 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Tgt Ion:	240	Resp:	1219873
Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.4	14.0
236	27.7	21.8	32.6





#77

Benzidine

Concen: 56.356 ng

RT: 19.22 min Scan# 2777

Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Instrument :

BNA_P

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:184 Resp: 2037417

Ion Ratio Lower Upper

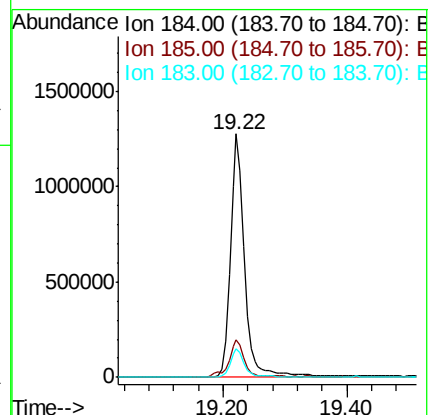
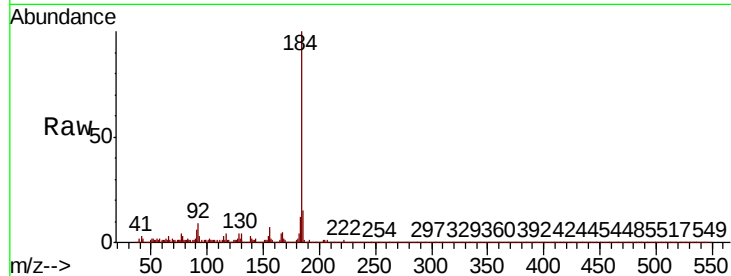
184 100

185 15.3 11.9 17.9

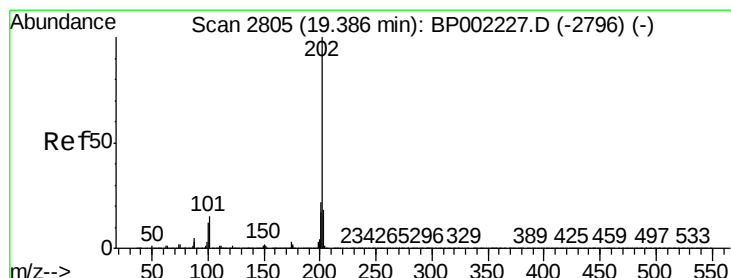
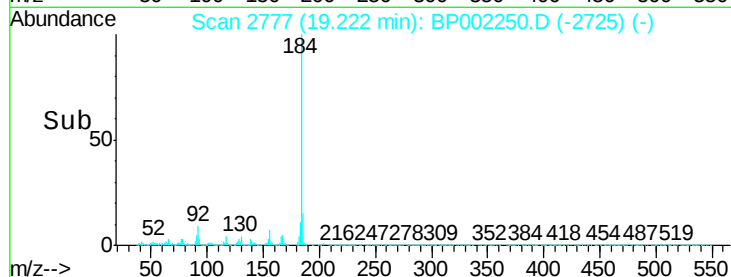
183 11.7 9.1 13.7

Manual Integrations
APPROVED

mohammad



5/6/2020 6:44:50 PM



#78

Pyrene

Concen: 75.221 ng

RT: 19.39 min Scan# 2806

Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

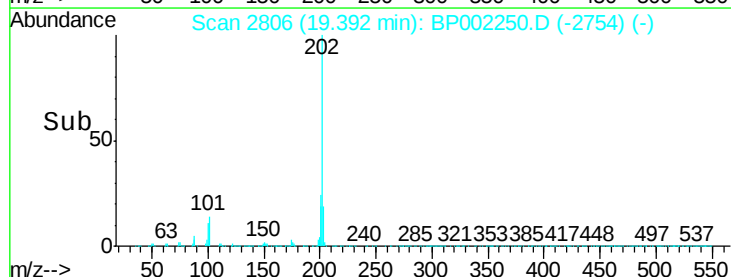
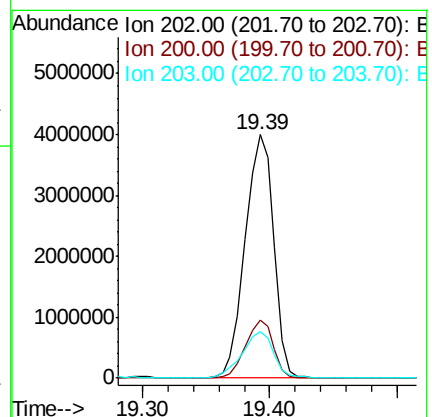
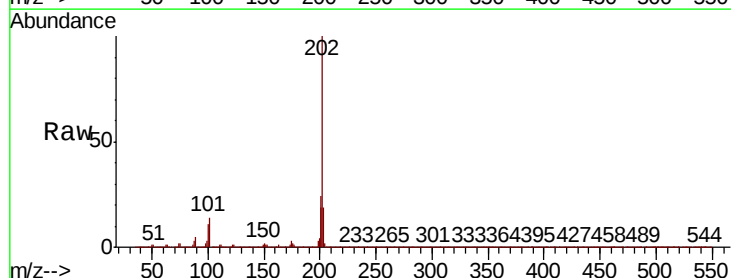
Tgt Ion:202 Resp: 6233201

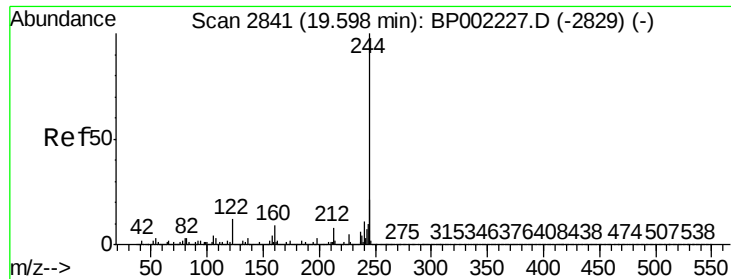
Ion Ratio Lower Upper

202 100

200 23.9 17.3 25.9

203 18.9 14.2 21.2





#79

Terphenyl-d14

Concen: 107.592 ng

RT: 19.60 min Scan# 2842

Delta R.T. 0.01 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

Instrument :

BNA_P

ClientSampleId :

FK-SF-03-009-AMSD

Tot Ion:244 Resp: 5355752

Ion Ratio Lower Upper

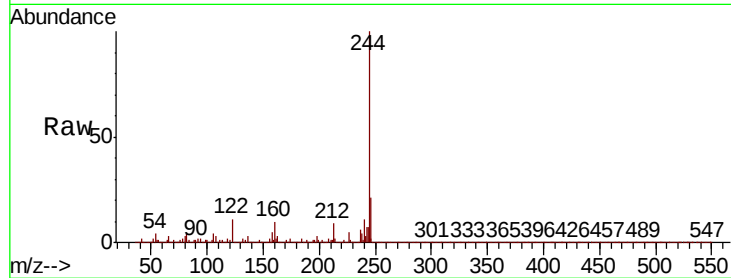
244 100

212 9.2 6.6 9.8

122 11.1 9.5 14.3

Manual Integrations
APPROVED

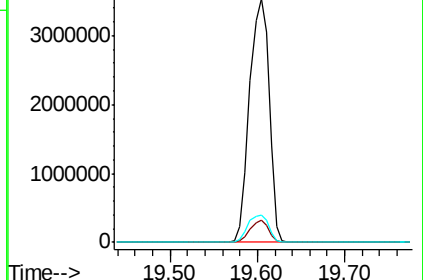
mohammad



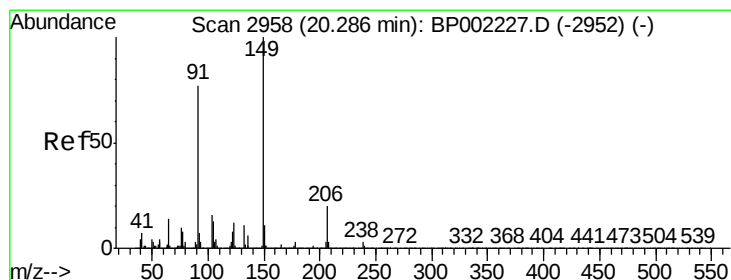
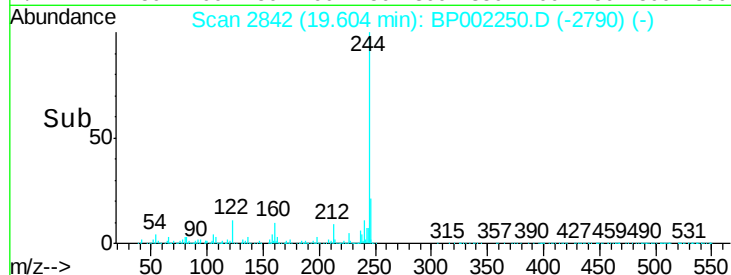
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



5/6/2020 6:44:50 PM



#80

Butylbenzylphthalate

Concen: 71.538 ng

RT: 20.29 min Scan# 2958

Delta R.T. 0.00 min

Lab File: BP002250.D

Acq: 05 May 2020 22:43

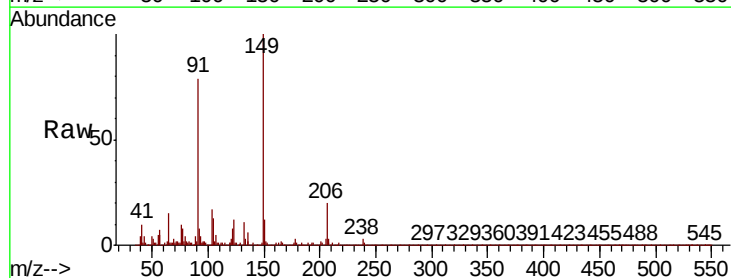
Tgt Ion:149 Resp: 1921981

Ion Ratio Lower Upper

149 100

91 79.3 61.8 92.8

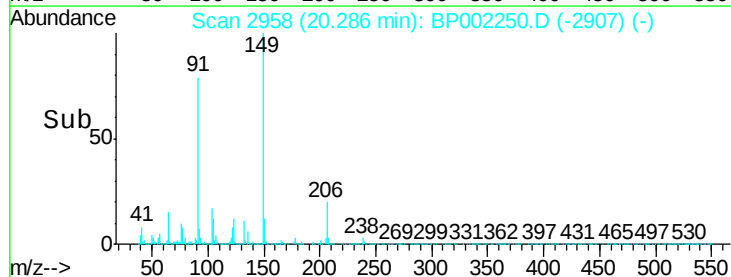
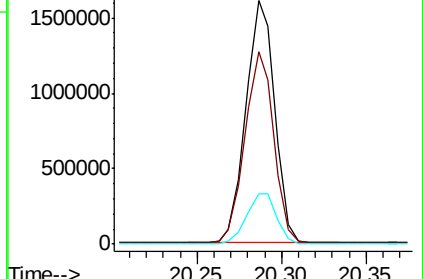
206 20.4 16.0 24.0

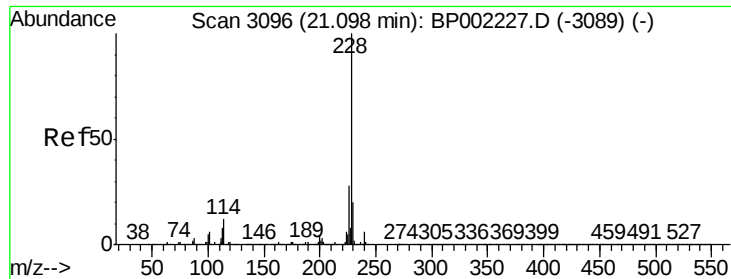


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





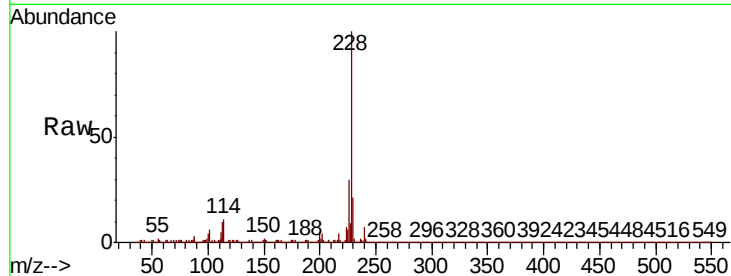
#81
Benzo(a)anthracene
Concen: 52.088 ng
RT: 21.10 min Scan# 3097
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	22.1	33.1
229	21.1	15.8	23.8

Manual Integrations
APPROVED

mohammad

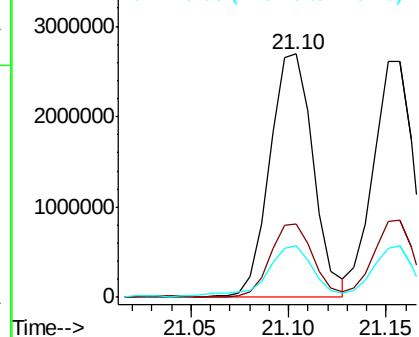


Abundance

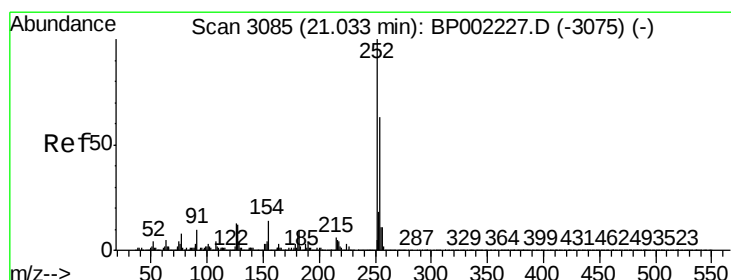
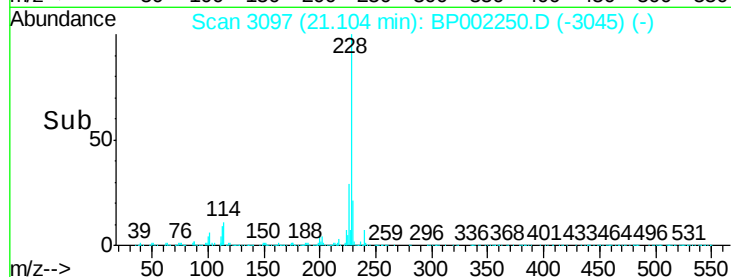
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

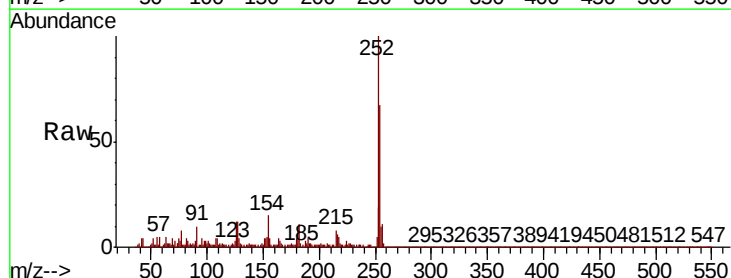


5/6/2020 6:44:50 PM



#82
3,3'-Dichlorobenzidine
Concen: 44.031 ng
RT: 21.04 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.7	50.2	75.4
126	12.1	10.0	15.0

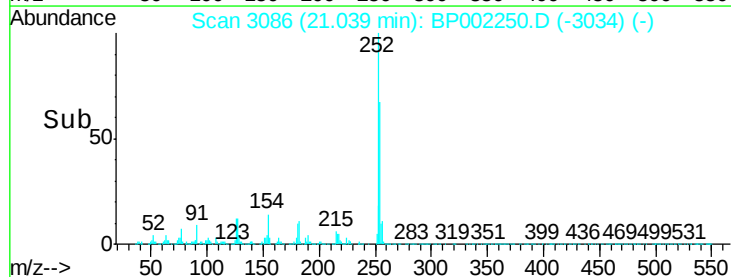
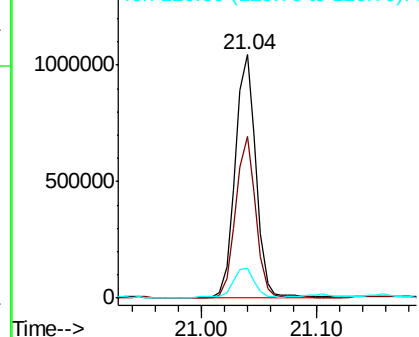


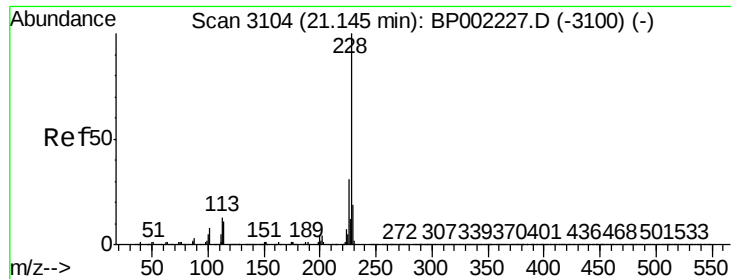
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





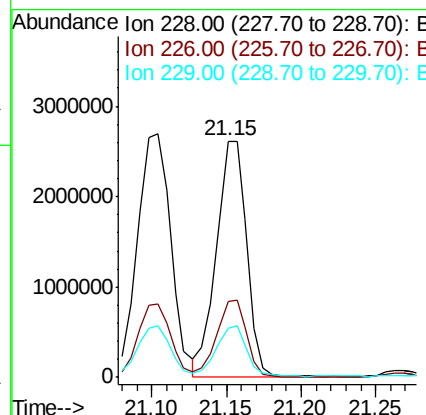
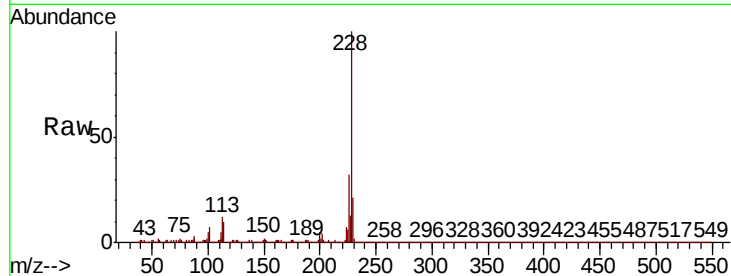
#83
Chrysene
Concen: 47.654 ng
RT: 21.15 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

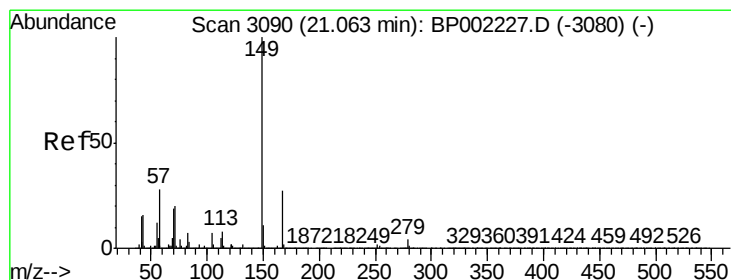
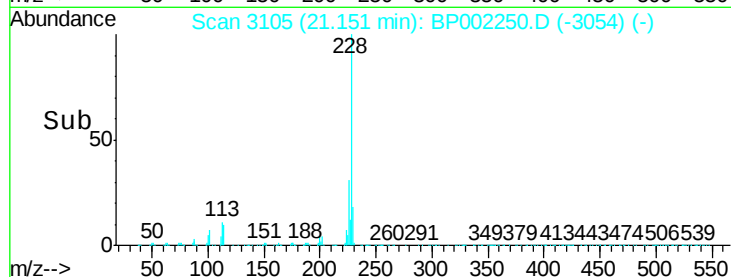
Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	24.9	37.3
229	20.7	15.1	22.7

Manual Integrations
APPROVED

mohammad

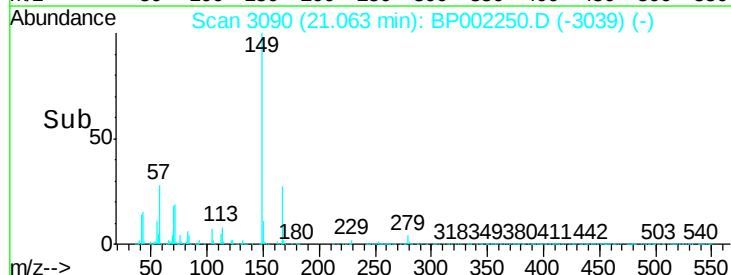
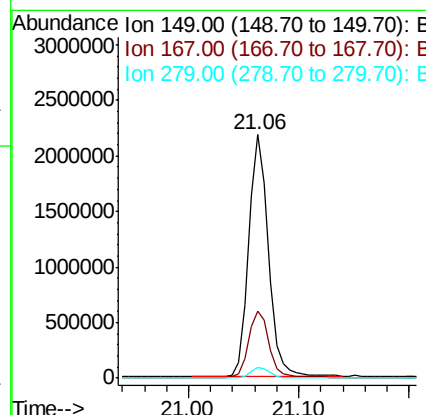
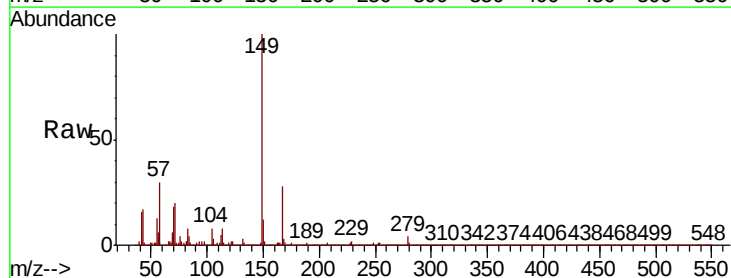


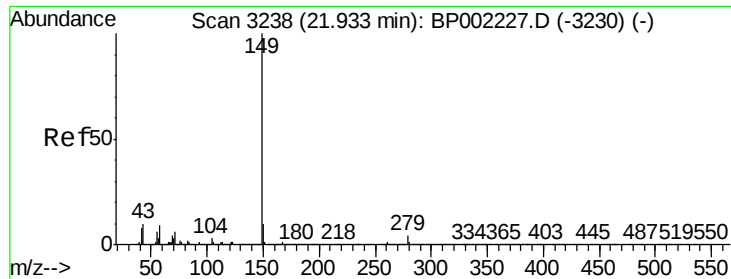
5/6/2020 6:44:50 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.301 ng
RT: 21.06 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	27.6	21.4	32.0
279	4.3	2.8	4.2#





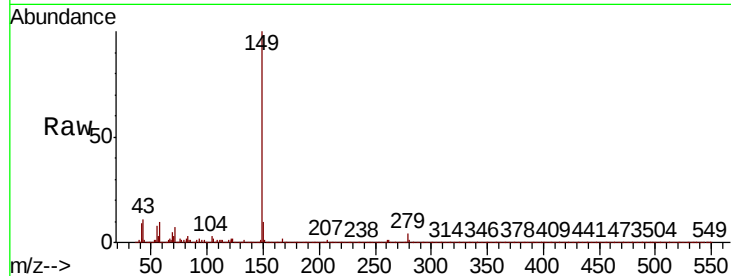
#85
Di-n-octyl phthalate
Concen: 49.974 ng
RT: 21.93 min Scan# 3238
Delta R.T. 0.00 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.5	1.2	1.8
43	9.3	8.6	13.0

Manual Integrations
APPROVED

mohammad

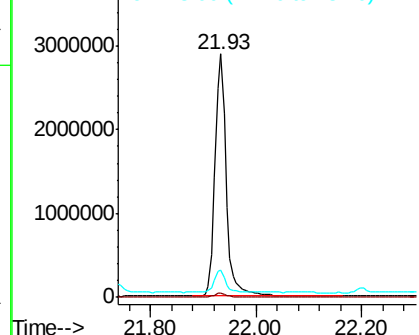


Abundance

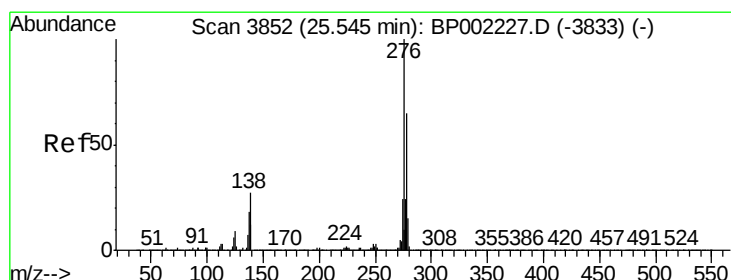
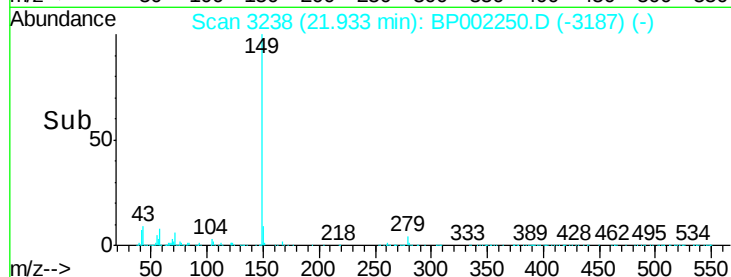
Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BPO

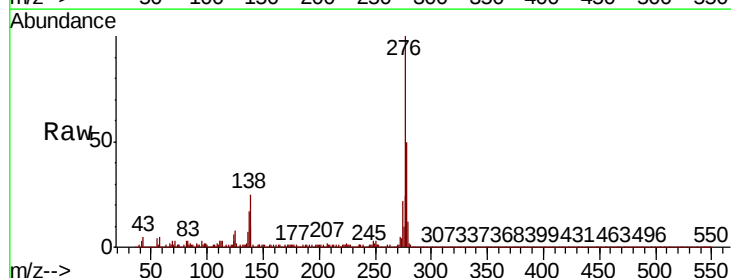


5/6/2020 6:44:50 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.732 ng
RT: 25.56 min Scan# 3854
Delta R.T. 0.02 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.1	23.4	35.0
277	24.4	20.3	30.5

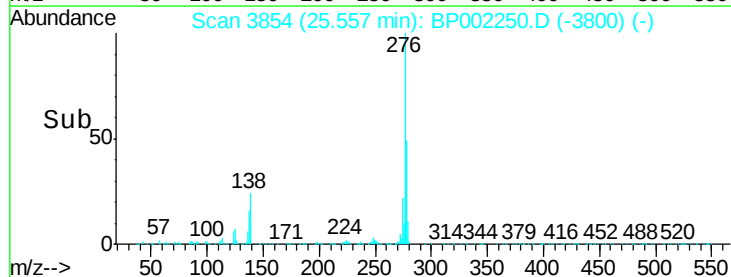
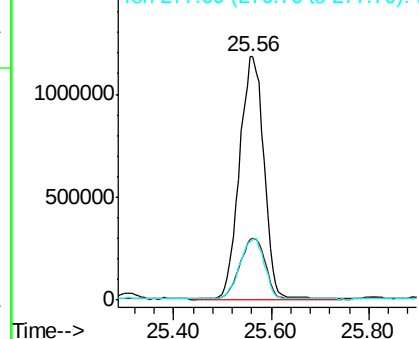


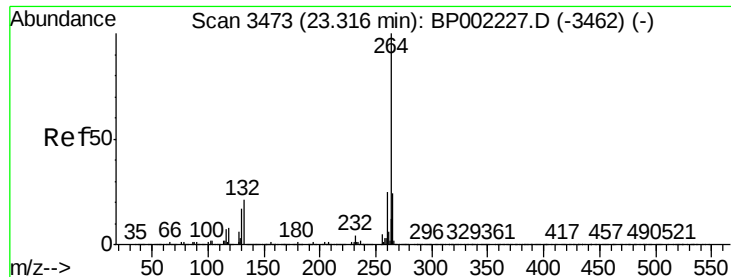
Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





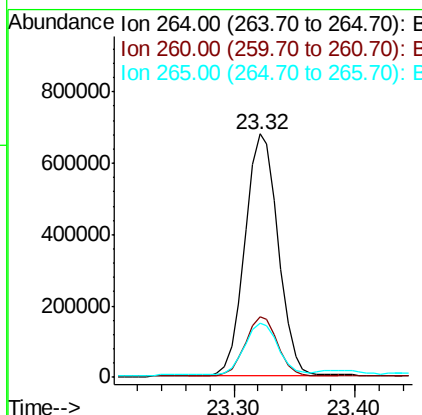
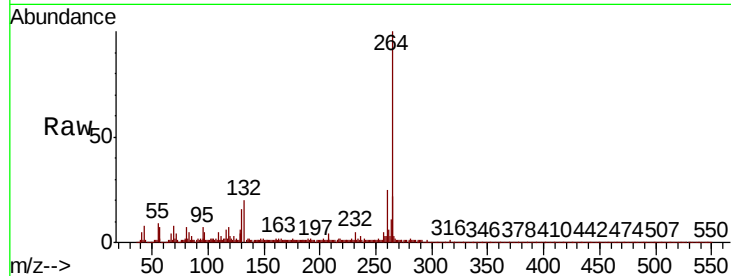
#87
Pervlene-d12
Concen: 20.000 ng
RT: 23.32 min Scan# 3474
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

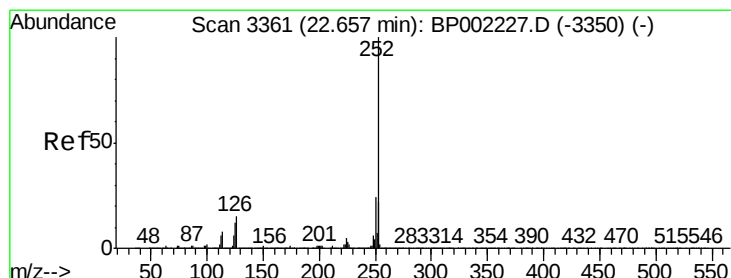
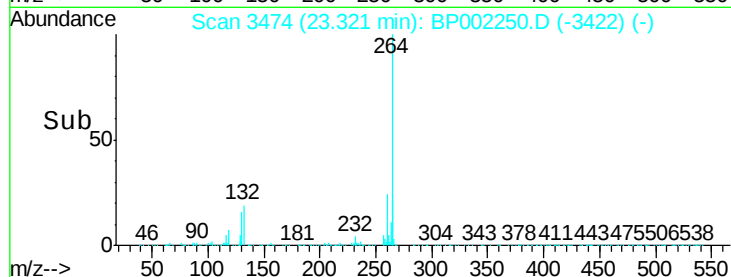
Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	20.4	30.6
265	22.1	19.0	28.4

Manual Integrations
APPROVED

mohammad

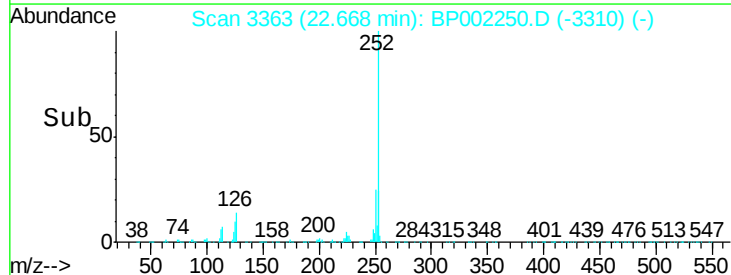
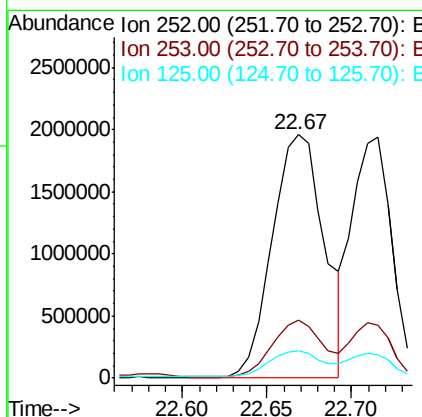
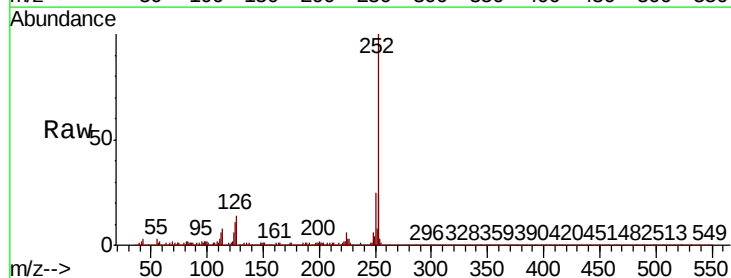


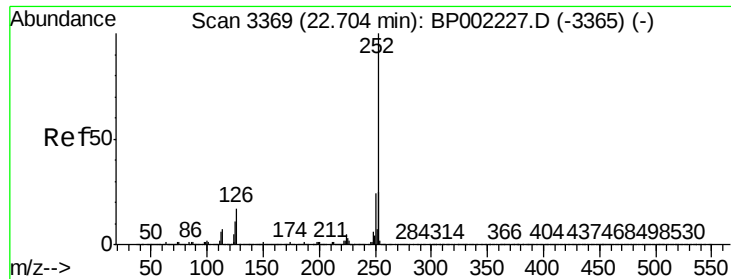
5/6/2020 6:44:50 PM



#88
Benzo(b)fluoranthene
Concen: 53.140 ng
RT: 22.67 min Scan# 3363
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.8	26.8
125	11.1	9.4	14.0





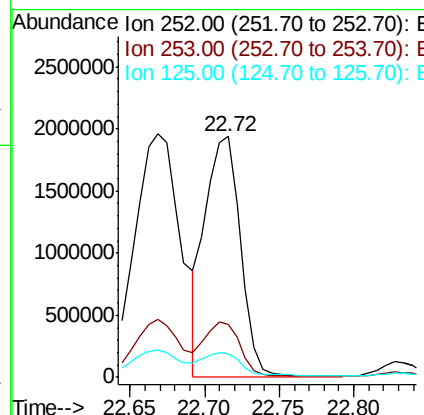
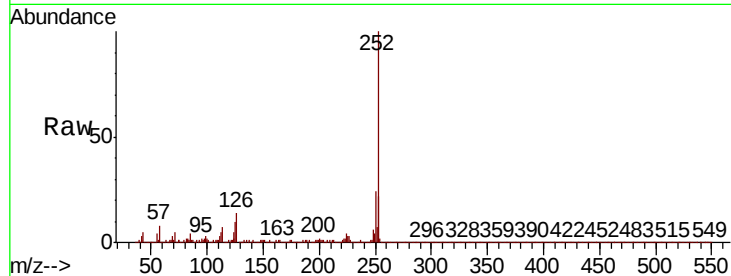
#89
Benzo(k)fluoranthene
Concen: 39.565 ng
RT: 22.72 min Scan# 3371
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

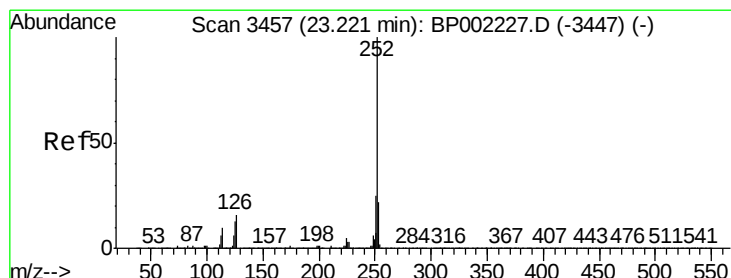
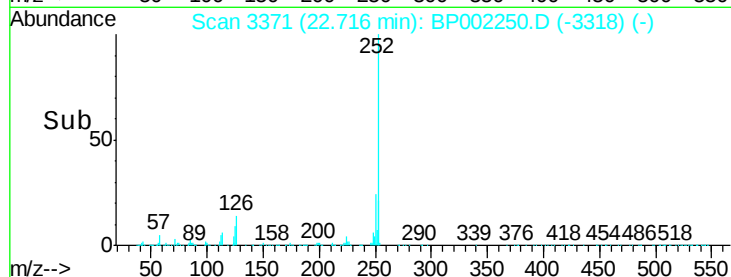
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	19.4	29.0
125	9.8	9.1	13.7

Manual Integrations
APPROVED

mohammad

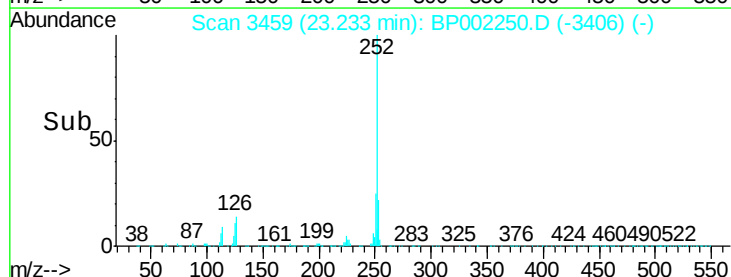
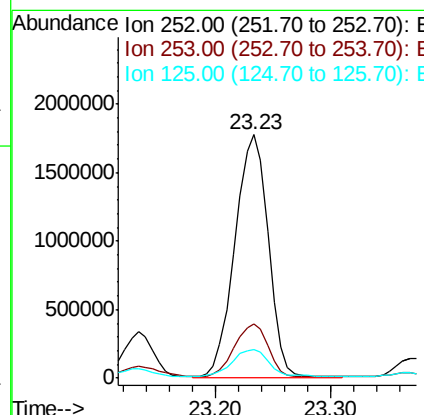
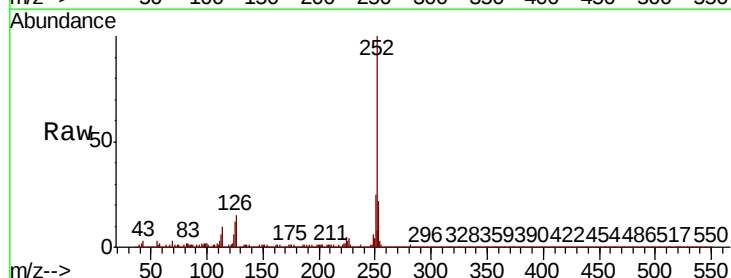


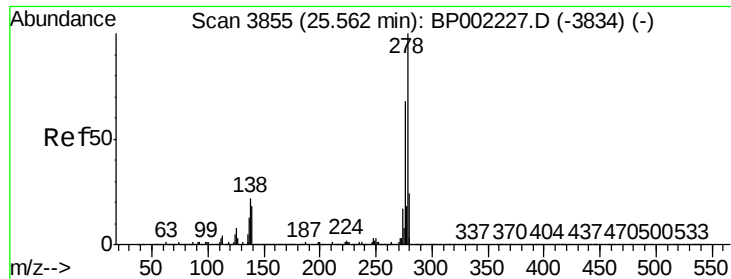
5/6/2020 6:44:50 PM



#90
Benzo(a)pyrene
Concen: 47.011 ng
RT: 23.23 min Scan# 3459
Delta R.T. 0.01 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.5	26.3
125	11.9	10.2	15.2





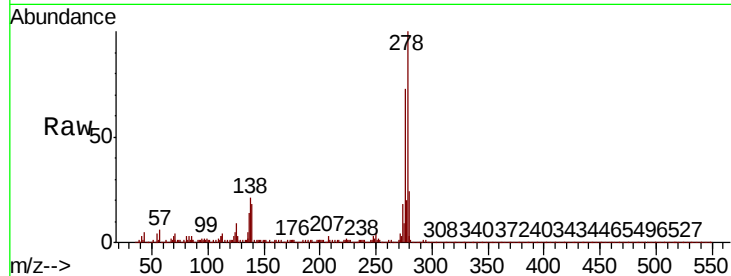
#91
Dibenzo(a,h)anthracene
Concen: 38.615 ng
RT: 25.58 min Scan# 3858
Delta R.T. 0.02 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Instrument :
BNA_P
ClientSampleId :
FK-SF-03-009-AMSD

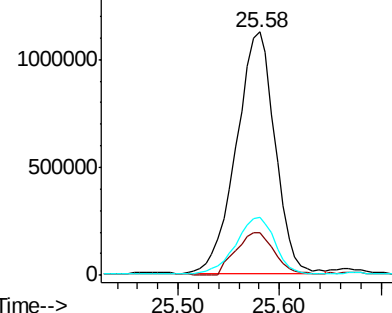
Tot Ion:278	Resp: 2961480		
Ion	Ratio	Lower	Upper
278	100		
139	17.5	14.3	21.5
279	23.7	19.1	28.7

Manual Integrations
APPROVED

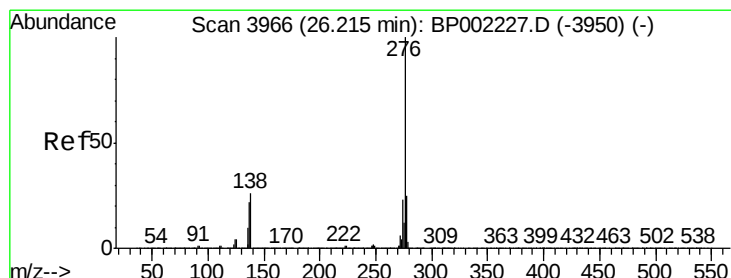
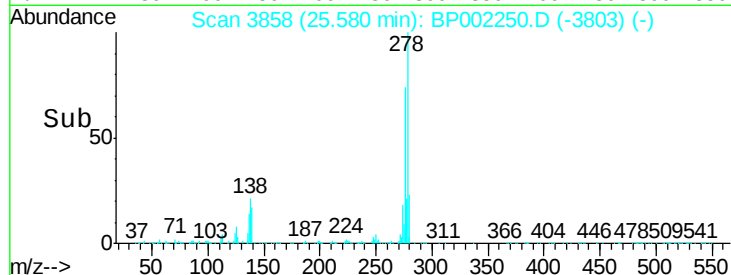
mohammad



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

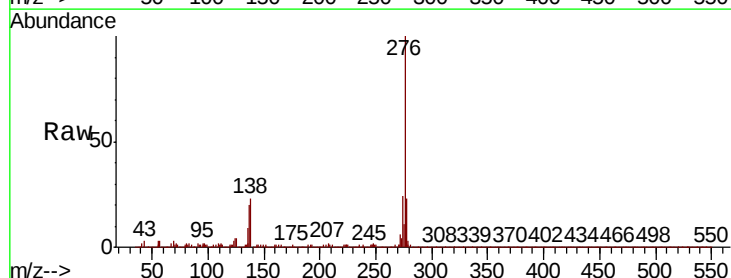


5/6/2020 6:44:50 PM



#92
Benzo(g,h,i)perylene
Concen: 46.527 ng
RT: 26.24 min Scan# 3971
Delta R.T. 0.02 min
Lab File: BP002250.D
Acq: 05 May 2020 22:43

Tgt Ion:276	Resp: 3770964		
Ion	Ratio	Lower	Upper
276	100		
277	22.5	19.9	29.9
138	23.0	21.0	31.4



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

