

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
 Data File : BP000109.D
 Acq On : 08 Sep 2019 23:29
 Operator : HP/JU
 Sample : K4737-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-BPM-04-004-ABCDMSD

Manual Integrations
 APPROVED

mohammad
 9/10/2019 2:09:31 PM

Quant Time: Sep 09 07:17:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	428713	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	1599810	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	869956	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	1584358	20.00	ng	0.00
76) Chrysene-d12	14.10	240	1336869	20.00	ng	-0.01
87) Perylene-d12	15.62	264	1477954	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	2820660	104.92	ng	0.00
7) Phenol-d6	6.52	99	3655251	107.70	ng	0.00
23) Nitrobenzene-d5	7.45	82	1954087	74.95	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	849125	115.80	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	3677230	70.59	ng	0.00
79) Terphenyl-d14	13.03	244	4108138	66.98	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.72	88	396431	32.057	ng	96
3) Pyridine	3.49	79	1022217	30.681	ng	96
4) n-Nitrosodimethylamine	3.43	42	334264	31.070	ng	# 88
6) Aniline	6.55	93	1336465	27.209	ng	98
8) 2-Chlorophenol	6.67	128	1095020	39.391	ng	99
9) Benzaldehyde	6.44	77	663738	31.713	ng	95
10) Phenol	6.53	94	1511693	40.089	ng	97
11) bis(2-Chloroethyl)ether	6.62	93	1067238	35.828	ng	98
12) 1,3-Dichlorobenzene	6.83	146	1180108	36.394	ng	99
13) 1,4-Dichlorobenzene	6.91	146	1213520	37.584	ng	99
14) 1,2-Dichlorobenzene	7.06	146	1133246	38.199	ng	98
15) Benzyl Alcohol	7.02	79	896678	36.034	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.16	45	1007872	31.463	ng	96
17) 2-Methylphenol	7.13	107	905073	37.909	ng	99
18) Hexachloroethane	7.41	117	432723	36.134	ng	96
19) n-Nitroso-di-n-propylamine	7.30	70	656072	33.966	ng	96
20) 3+4-Methylphenols	7.29	107	1174181	39.433	ng	# 83
22) Acetophenone	7.29	105	1507734	39.347	ng	98
24) Nitrobenzene	7.47	77	1069908	37.879	ng	90
25) Isophorone	7.70	82	2015753	36.591	ng	98
26) 2-Nitrophenol	7.79	139	503598	45.783	ng	96
27) 2,4-Dimethylphenol	7.82	122	990345	44.618	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	1321237	36.883	ng	98
29) 2,4-Dichlorophenol	8.02	162	944558	41.385	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	1017002	39.086	ng	98
31) Naphthalene	8.20	128	3060848	41.701	ng	100
32) Benzoic acid	7.92	122	571214	40.038	ng	96
33) 4-Chloroaniline	8.23	127	580363	16.765	ng	96
34) Hexachlorobutadiene	8.32	225	569949	38.875	ng	99
35) Caprolactam	8.59	113	313030m	38.566	ng	
36) 4-Chloro-3-methylphenol	8.72	107	985165	39.560	ng	93
37) 2-Methylnaphthalene	8.89	142	2140934	41.737	ng	99
38) 1-Methylnaphthalene	8.99	142	1989575	41.165	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	1004604	40.798	ng	99

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP090819\
 Data File : BP000109.D
 Acq On : 08 Sep 2019 23:29
 Operator : HP/JU
 Sample : K4737-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 FK-BPM-04-004-ABCDMSD

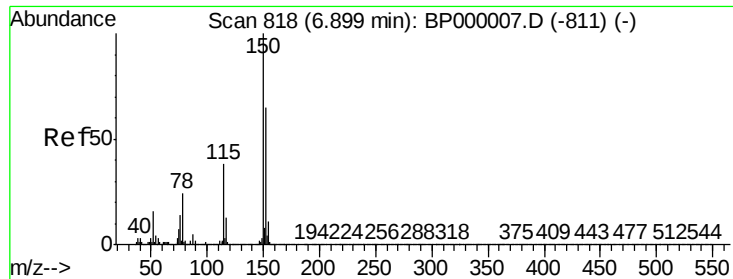
Manual Integrations
 APPROVED

mohammad
 9/10/2019 2:09:31 PM

Quant Time: Sep 09 07:17:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP083019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 30 17:47:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	1171206	86.383	nq	98
43) 2,4,6-Trichlorophenol	9.16	196	652779	38.441	nq	99
44) 2,4,5-Trichlorophenol	9.20	196	721192	40.591	nq	99
46) 1,1'-Biphenyl	9.36	154	2552425	41.560	nq	98
47) 2-Chloronaphthalene	9.38	162	1967499	38.593	nq	99
48) 2-Nitroaniline	9.46	65	495978	36.018	nq	87
49) Acenaphthylene	9.80	152	3141415	41.527	nq	100
50) Dimethylphthalate	9.65	163	2773422	46.783	nq	99
51) 2,6-Dinitrotoluene	9.71	165	534643	42.489	nq	97
52) Acenaphthene	9.97	154	2057133	43.338	nq	100
53) 3-Nitroaniline	9.87	138	336916	22.413	nq #	92
54) 2,4-Dinitrophenol	9.98	184	390561	82.495	nq #	52
55) Dibenzofuran	10.15	168	2797871	41.509	nq	99
56) 4-Nitrophenol	10.03	139	928557	86.420	nq	87
57) 2,4-Dinitrotoluene	10.12	165	711595	44.296	nq #	81
58) Fluorene	10.49	166	2132344	42.034	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	590673	43.908	nq	96
60) Diethylphthalate	10.36	149	2313240	38.983	nq	100
61) 4-Chlorophenyl-phenylether	10.48	204	1080223	40.969	nq	98
62) 4-Nitroaniline	10.49	138	575234	40.118	nq	96
63) Azobenzene	10.64	77	2106792	37.076	nq	95
65) 4,6-Dinitro-2-methylphenol	10.52	198	273158	45.315	nq	95
66) n-Nitrosodiphenylamine	10.60	169	1968565	41.822	nq	100
67) 4-Bromophenyl-phenylether	10.97	248	658658	40.907	nq	96
68) Hexachlorobenzene	11.05	284	711889	40.577	nq	98
69) Atrazine	11.12	200	596014	48.544	nq	99
70) Pentachlorophenol	11.23	266	842690	88.645	nq	99
71) Phenanthrene	11.46	178	3329331	42.161	nq	99
72) Anthracene	11.51	178	3307763	42.403	nq	100
73) Carbazole	11.66	167	3125803	42.452	nq	99
74) Di-n-butylphthalate	12.00	149	3647184	40.850	nq	100
75) Fluoranthene	12.66	202	3685280	42.946	nq	96
77) Benzidine	12.77	184	2186177	47.397	nq	97
78) Pyrene	12.89	202	3756388	38.194	nq	100
80) Butylbenzylphthalate	13.52	149	1641014	37.449	nq #	89
81) Benzo(a)anthracene	14.09	228	3332902	38.473	nq	98
82) 3,3'-Dichlorobenzidine	14.05	252	711188	22.254	nq	99
83) Chrysene	14.13	228	3164198	38.616	nq	100
84) Bis(2-ethylhexyl)phthalate	14.09	149	2166605	37.993	nq #	99
85) Di-n-octyl phthalate	14.71	149	3902729	38.837	nq #	96
86) Indeno(1,2,3-cd)pyrene	17.17	276	3957797	38.547	nq	97
88) Benzo(b)fluoranthene	15.17	252	3531223	39.116	nq	98
89) Benzo(k)fluoranthene	15.20	252	3266285	39.537	nq	99
90) Benzo(a)pyrene	15.56	252	3352873	41.143	nq	98
91) Dibenzo(a,h)anthracene	17.19	278	3236225	39.711	nq	99
92) Benzo(g,h,i)perylene	17.64	276	3267021	40.502	nq	97

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



#1

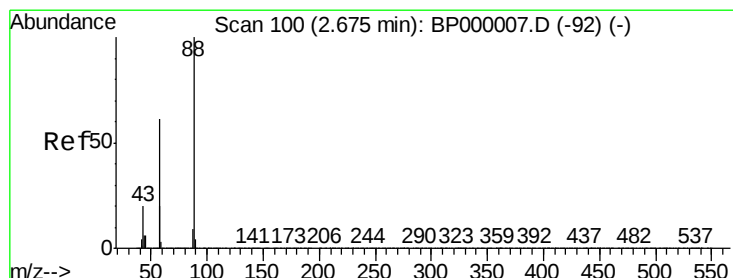
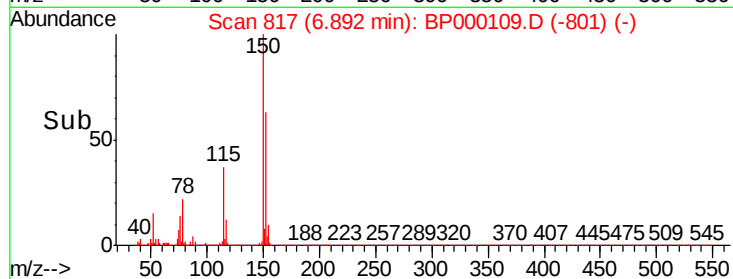
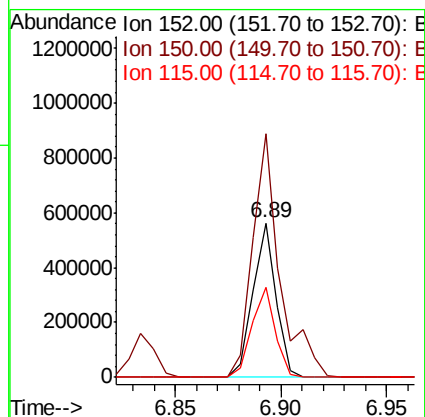
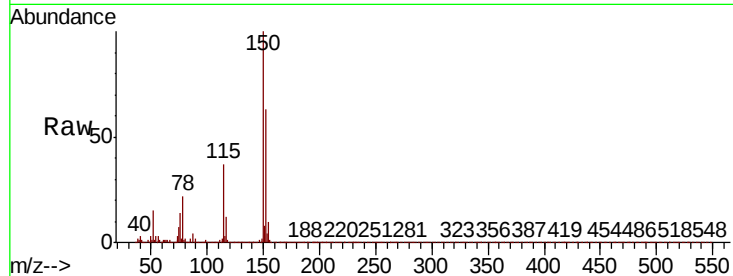
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.5	123.0	184.6
115	58.1	46.7	70.1

Manual Integrations
APPROVED

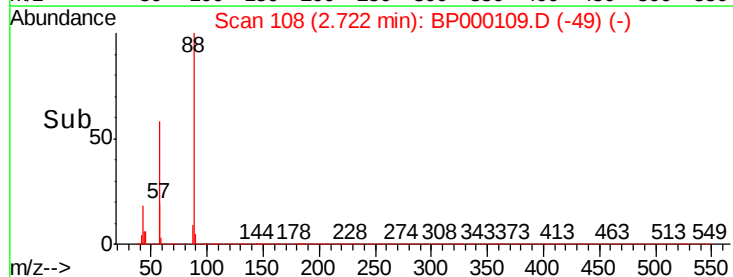
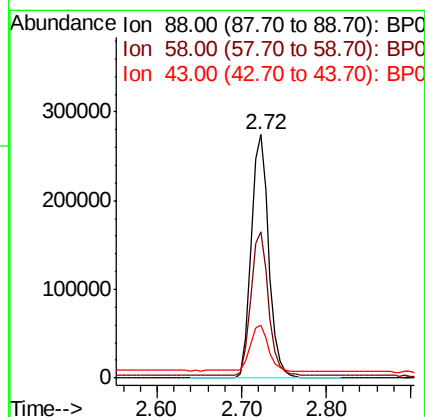
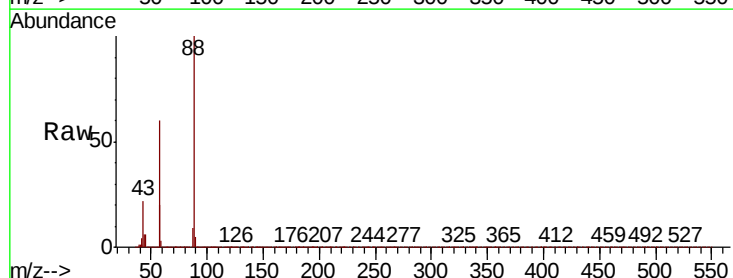
mohammad
9/10/2019 2:09:31 PM

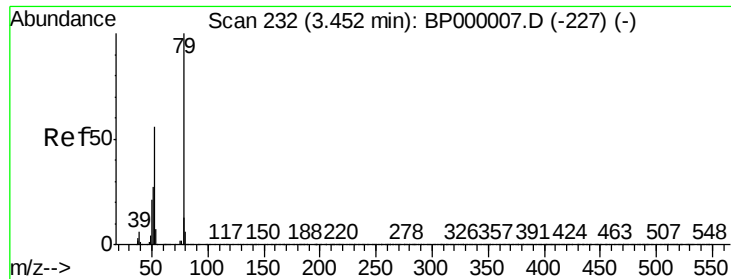


#2

1,4-Dioxane
Concen: 32.057 ng
RT: 2.72 min Scan# 108
Delta R.T. 0.05 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	58.8	49.8	74.8
43	19.4	16.9	25.3





#3

Pvridine

Concen: 30.681 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.04 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

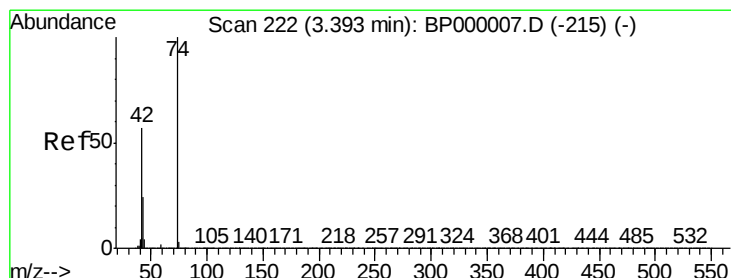
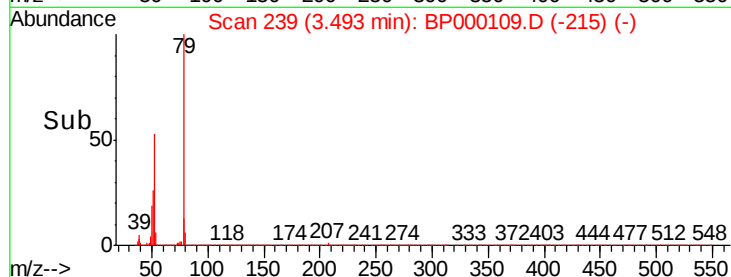
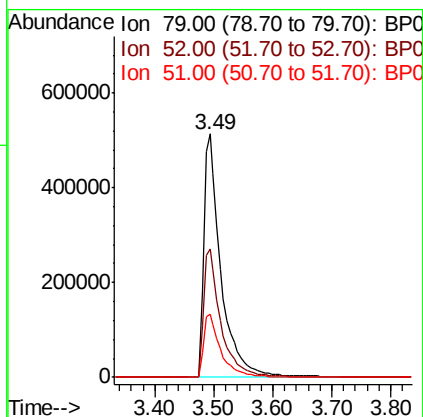
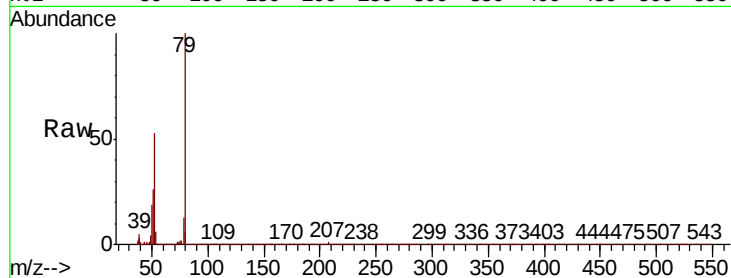
ClientSampleId :

FK-BPM-04-004-ABCDMSD

Tot Ion:	79	Resp:	1022217
Ion	Ratio	Lower	Upper
79	100		
52	52.5	44.5	66.7
51	25.7	21.8	32.6

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:31 PM



#4

n-Nitrosodimethylamine

Concen: 31.070 ng

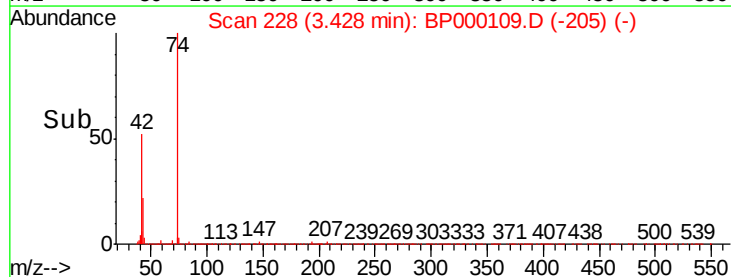
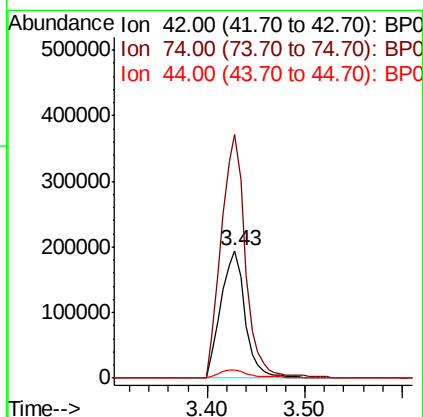
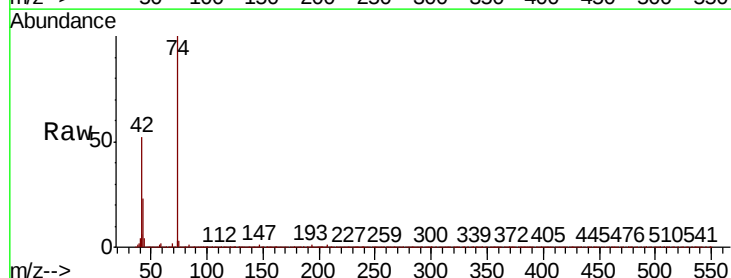
RT: 3.43 min Scan# 228

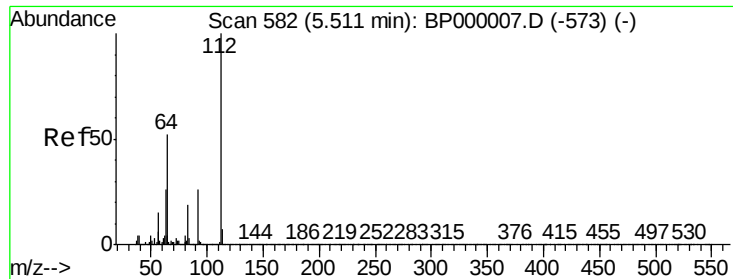
Delta R.T. 0.03 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Tgt Ion:	42	Resp:	334264
Ion	Ratio	Lower	Upper
42	100		
74	191.4	139.9	209.9
44	6.7	6.9	10.3#





#5

2-Fluorophenol

Concen: 104.916 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

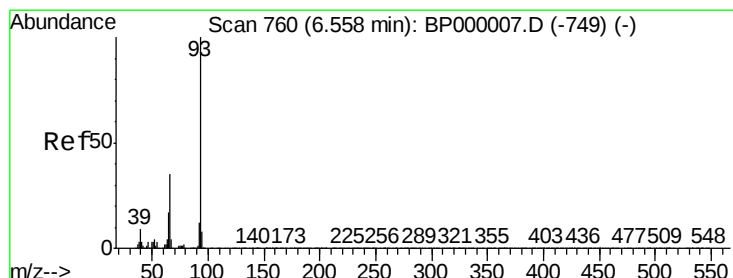
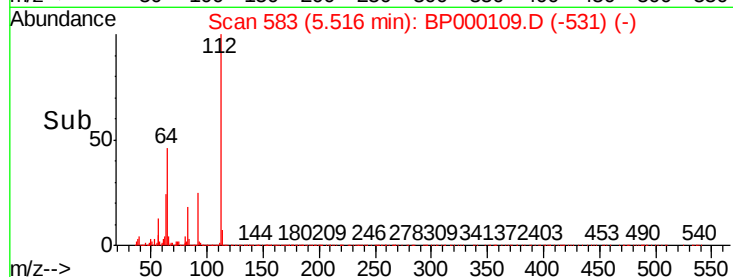
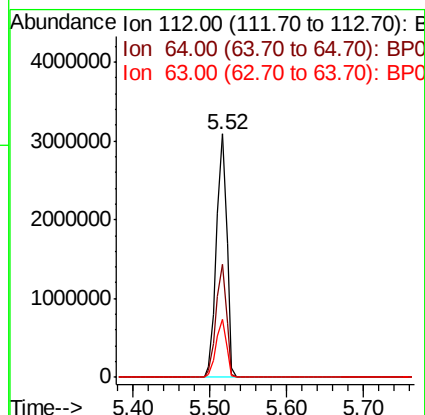
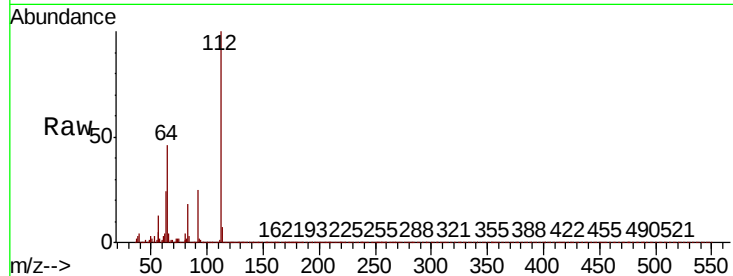
ClientSampleId :

FK-BPM-04-004-ABCDMSD

Tot Ion:	112	Resp:	2820660
Ion	Ratio	Lower	Upper
112	100		
64	46.3	41.8	62.8
63	23.9	21.0	31.4

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:31 PM



#6

Aniline

Concen: 27.209 ng

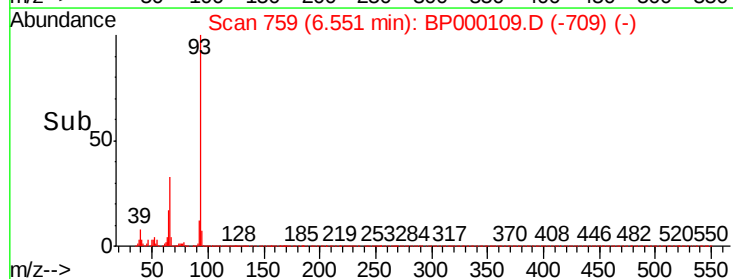
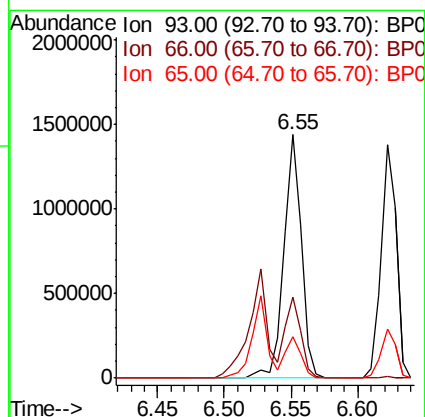
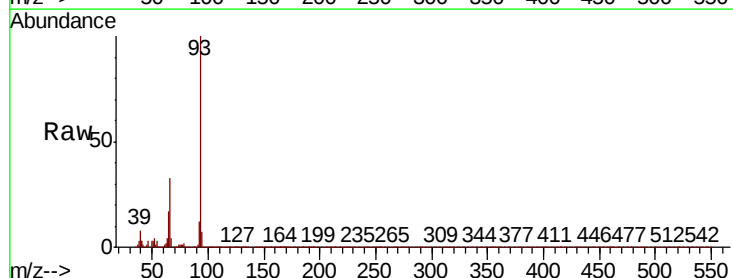
RT: 6.55 min Scan# 759

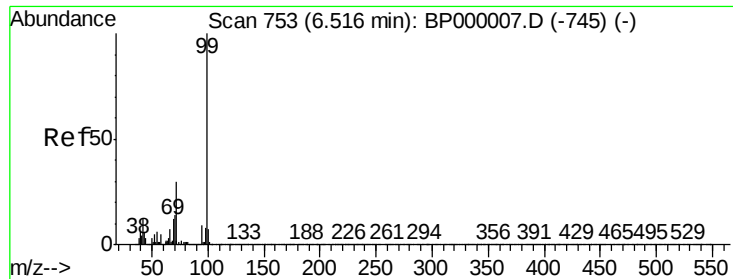
Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Tgt Ion:	93	Resp:	1336465
Ion	Ratio	Lower	Upper
93	100		
66	33.1	27.8	41.8
65	16.7	13.9	20.9





#7

Phenol-d6

Concen: 107.698 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

ClientSampleId :

FK-BPM-04-004-ABCDMSD

Tot Ion: 99 Resp: 3655251

Ion Ratio Lower Upper

99 100

42 11.0 9.8 14.8

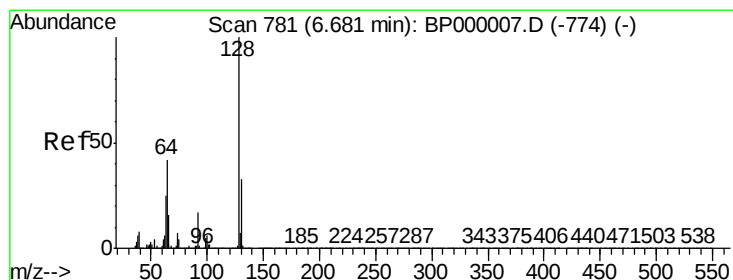
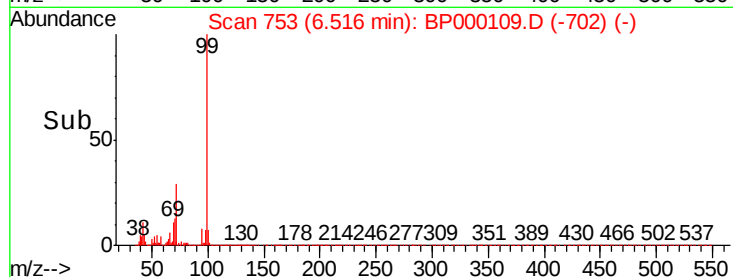
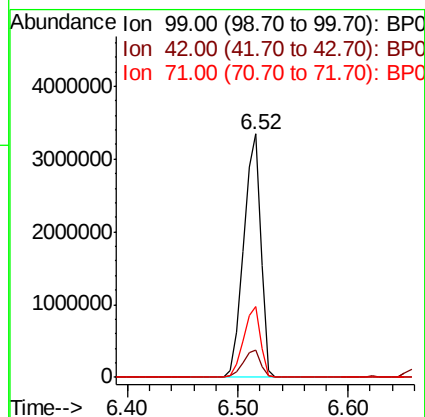
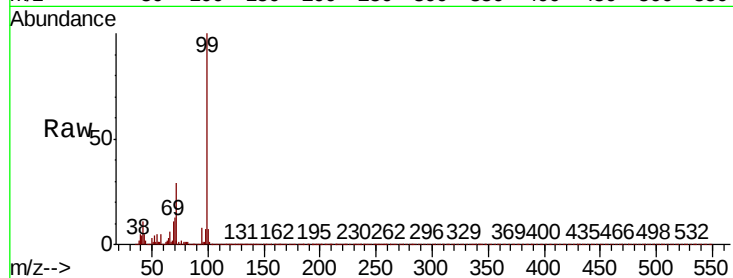
71 28.9 23.8 35.8

Manual Integrations

APPROVED

mohammad

9/10/2019 2:09:31 PM



#8

2-Chlorophenol

Concen: 39.391 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

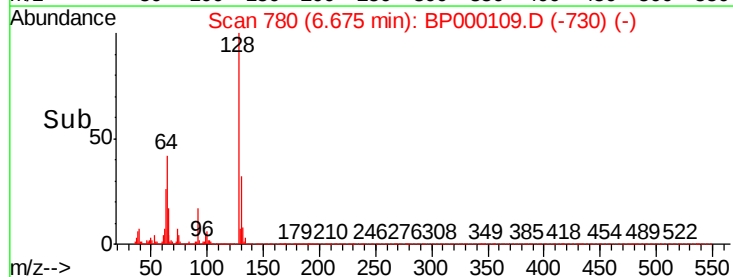
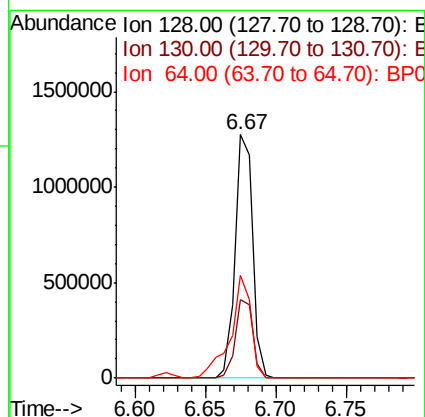
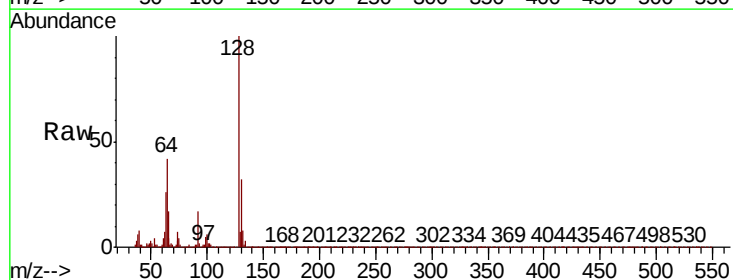
Tgt Ion: 128 Resp: 1095020

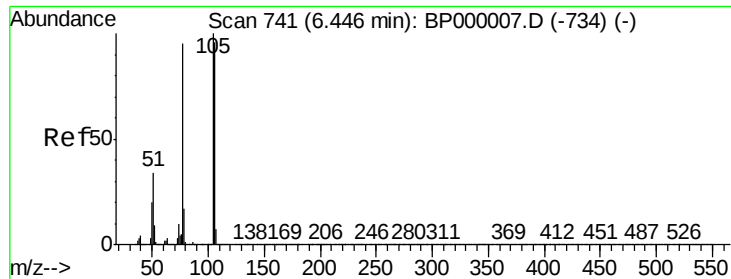
Ion Ratio Lower Upper

128 100

130 32.4 13.0 53.0

64 42.3 22.0 62.0





#9

Benzaldehyde

Concen: 31.713 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

ClientSampleId :

FK-BPM-04-004-ABCDMSD

Tot Ion: 77 Resp: 663738

Ion Ratio Lower Upper

77 100

105 110.2 85.1 125.1

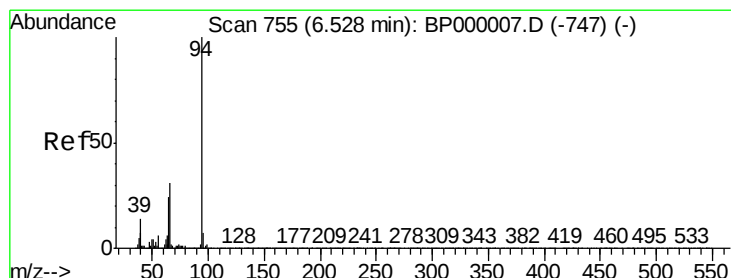
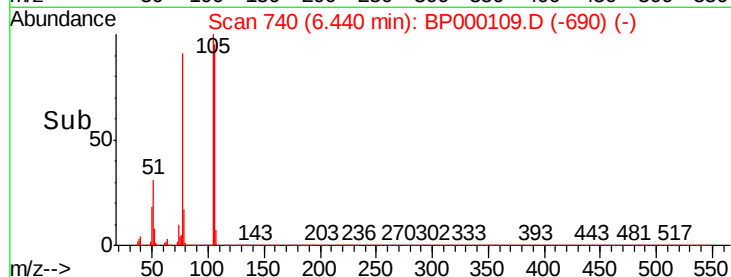
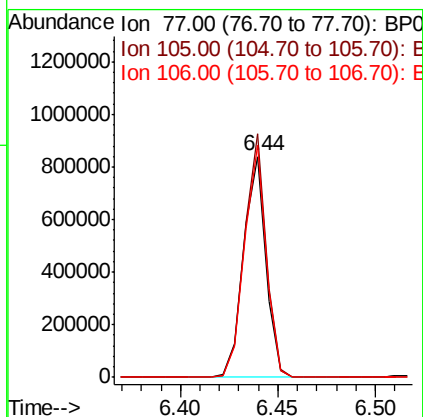
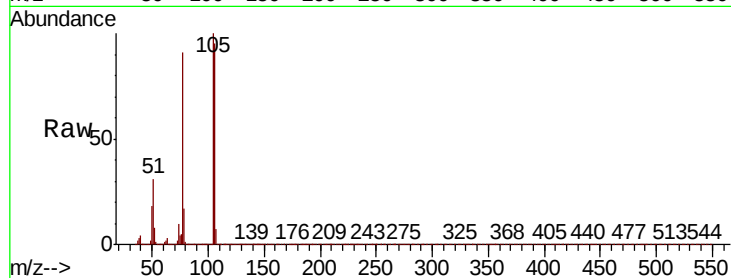
106 105.0 80.8 120.8

Manual Integrations

APPROVED

mohammad

9/10/2019 2:09:31 PM



#10

Phenol

Concen: 40.089 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.00 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

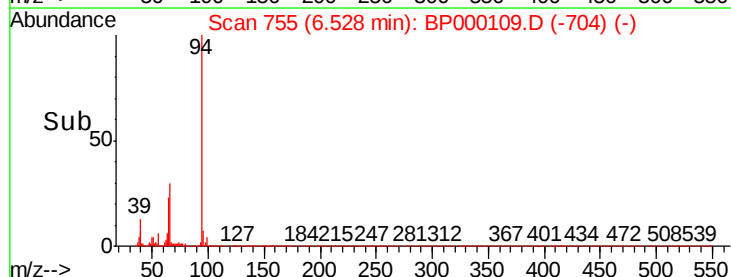
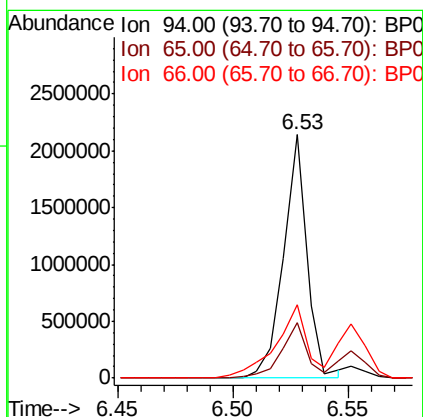
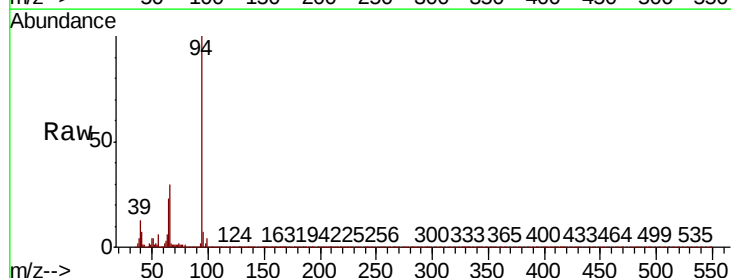
Tgt Ion: 94 Resp: 1511693

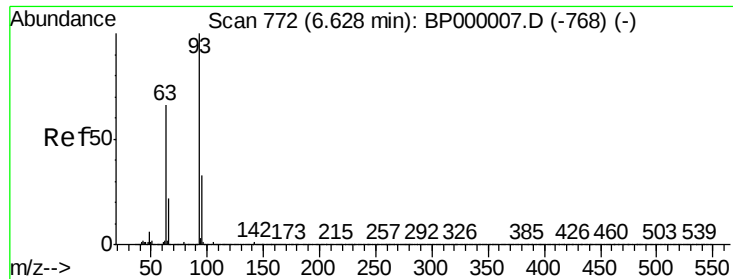
Ion Ratio Lower Upper

94 100

65 22.6 4.1 44.1

66 30.1 11.4 51.4





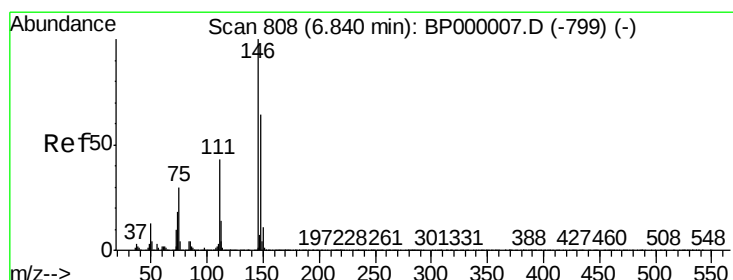
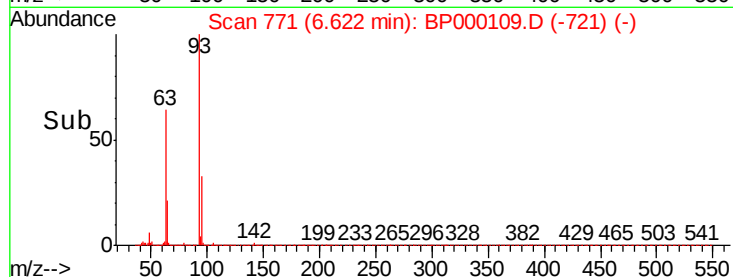
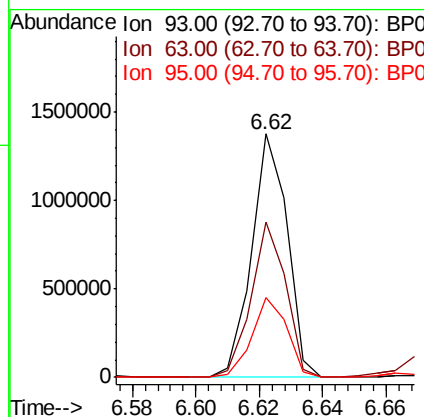
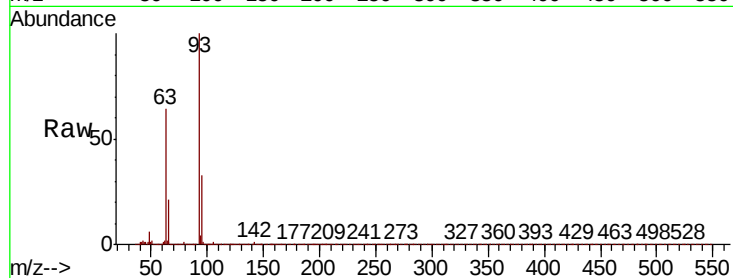
#11
bis(2-Chloroethyl)ether
Concen: 35.828 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	63.7	46.0	86.0
95	32.7	12.7	52.7

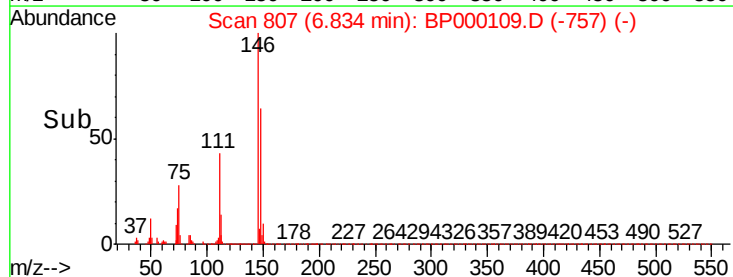
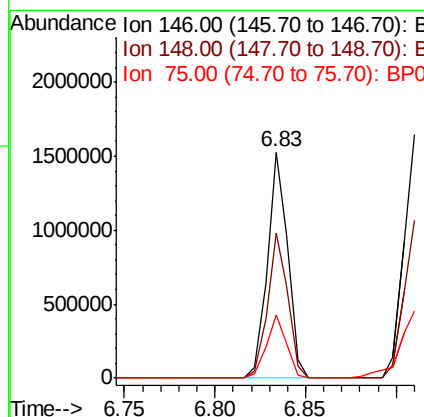
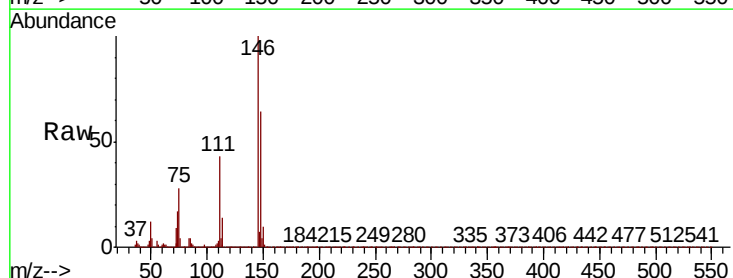
Manual Integrations
APPROVED

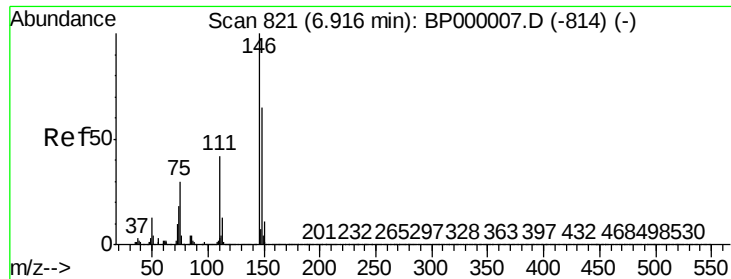
mohammad
9/10/2019 2:09:31 PM



#12
1,3-Dichlorobenzene
Concen: 36.394 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.2	51.4	77.2
75	27.9	24.0	36.0





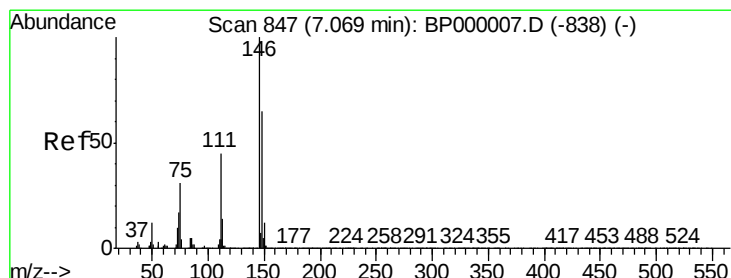
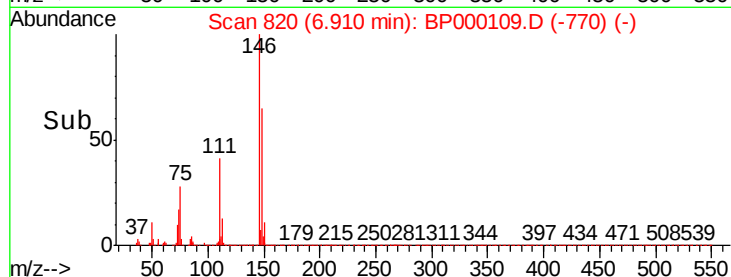
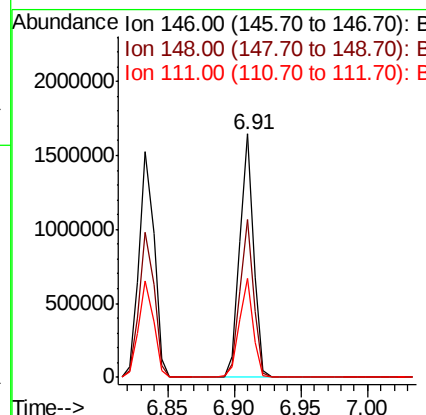
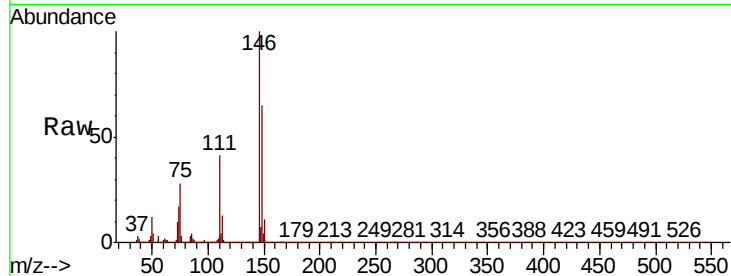
#13
1,4-Dichlorobenzene
Concen: 37.584 ng
RT: 6.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.6	51.6	77.4
111	40.9	33.4	50.0

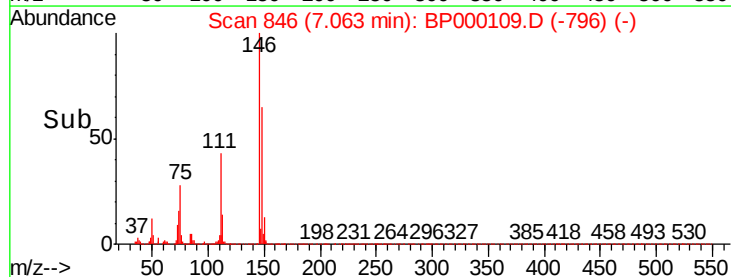
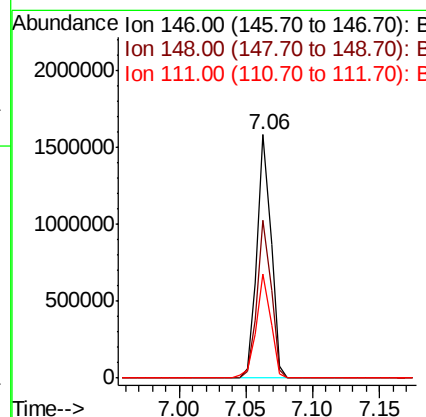
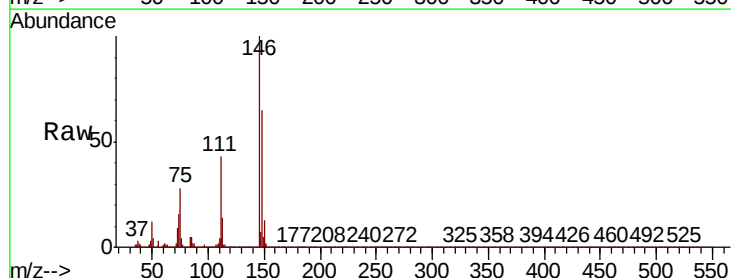
Manual Integrations
APPROVED

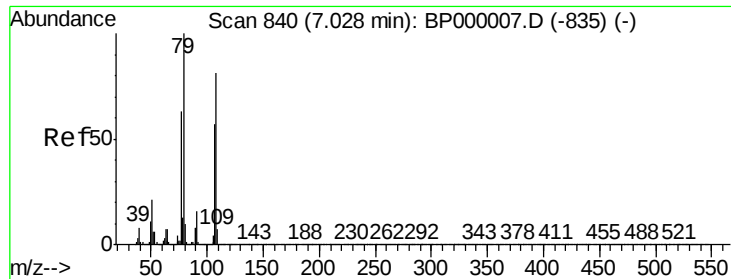
mohammad
9/10/2019 2:09:31 PM



#14
1,2-Dichlorobenzene
Concen: 38.199 ng
RT: 7.06 min Scan# 846
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	51.8	77.8
111	43.0	36.4	54.6





#15

Benzyl Alcohol

Concen: 36.034 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

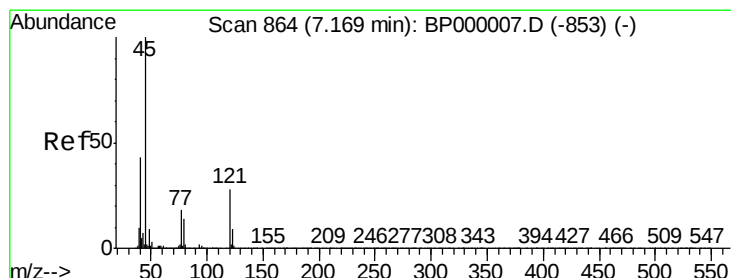
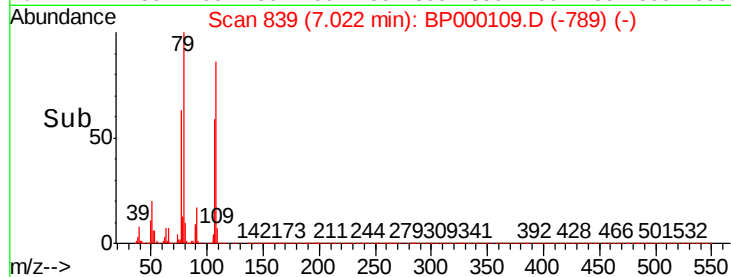
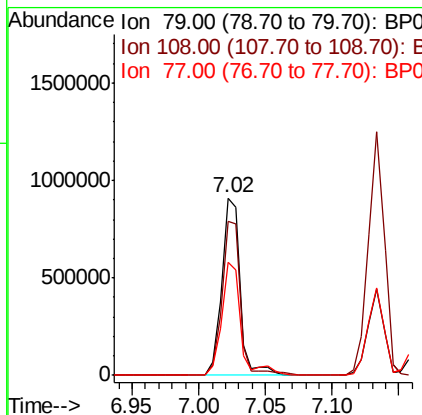
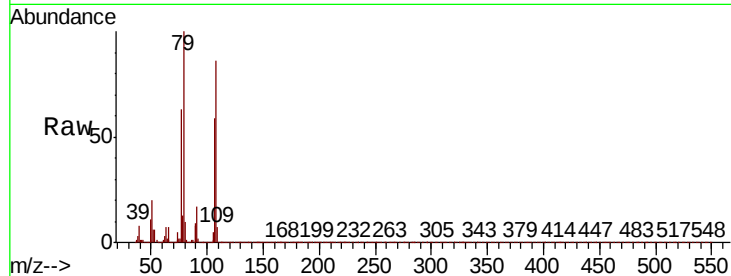
ClientSampleId :

FK-BPM-04-004-ABCDMSD

Tot Ion:	79	Resp:	896678
Ion Ratio	Lower	Upper	
79	100		
108	86.4	64.5	96.7
77	63.4	50.3	75.5

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:31 PM



#16

2,2'-oxybis(1-Chloropropane)

Concen: 31.463 ng

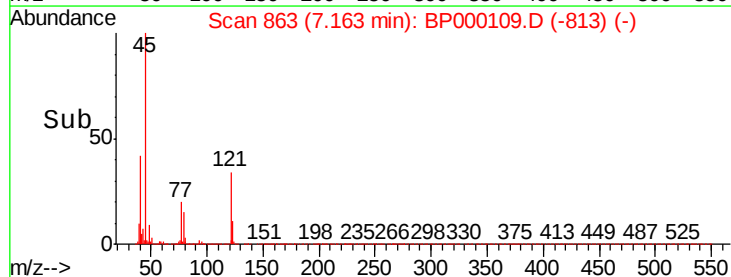
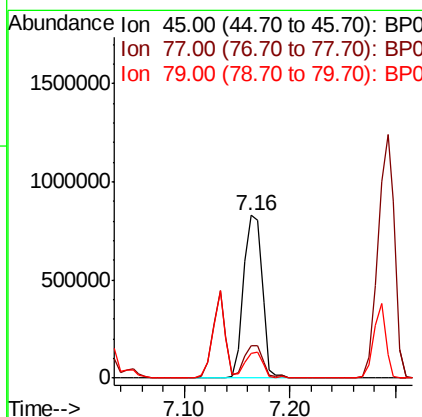
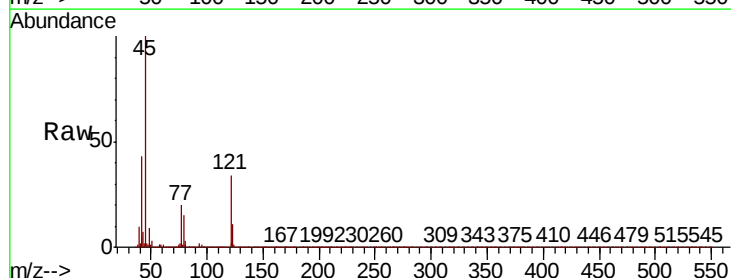
RT: 7.16 min Scan# 863

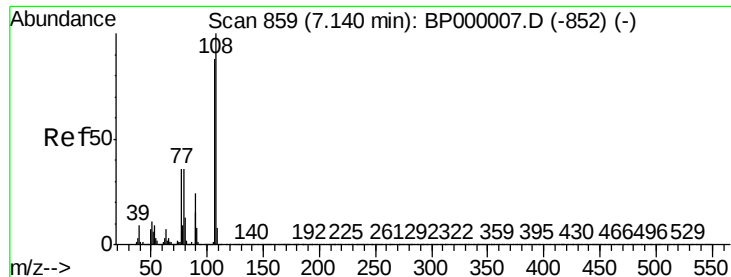
Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Tgt Ion:	45	Resp:	1007872
Ion Ratio	Lower	Upper	
45	100		
77	19.9	0.0	38.0
79	15.4	0.0	33.9





#17

2-Methylphenol

Concen: 37.909 ng

RT: 7.13 min Scan# 858

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

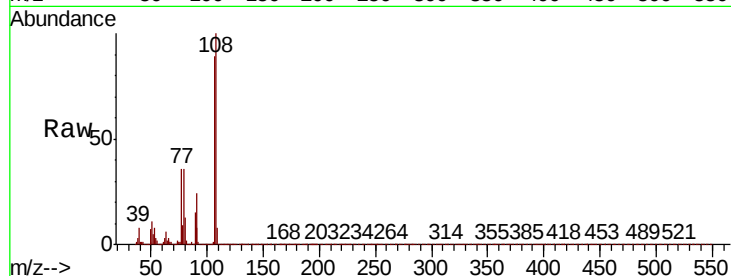
ClientSampleId :

FK-BPM-04-004-ABCDMSD

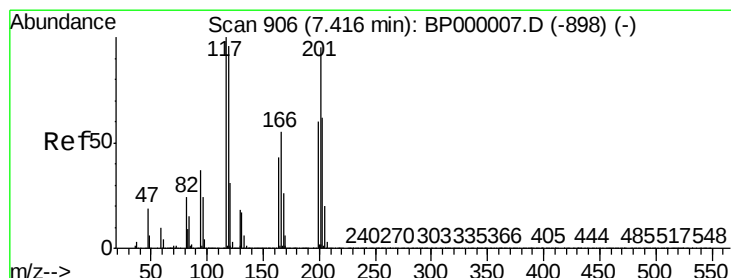
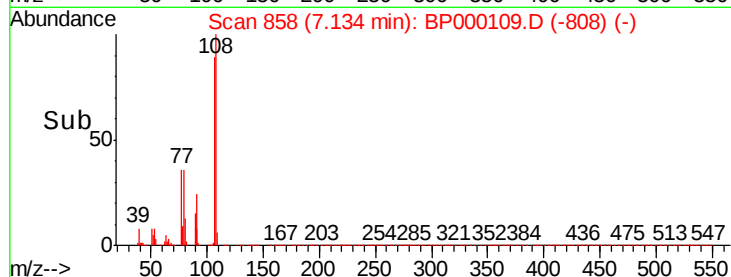
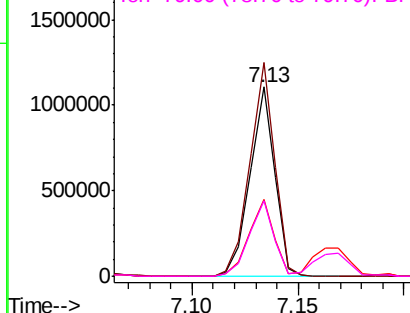
Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	112.8	90.9	136.3	
77	40.4	33.2	49.8	
79	40.1	32.8	49.2	

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:31 PM



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BP0
Ion 79.00 (78.70 to 79.70): BP0



#18

Hexachloroethane

Concen: 36.134 ng

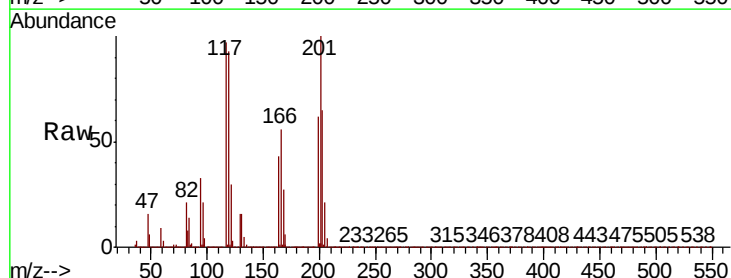
RT: 7.41 min Scan# 905

Delta R.T. -0.01 min

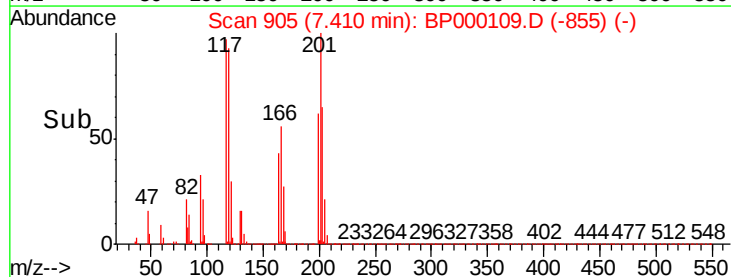
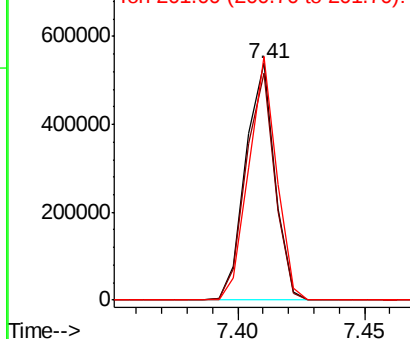
Lab File: BP000109.D

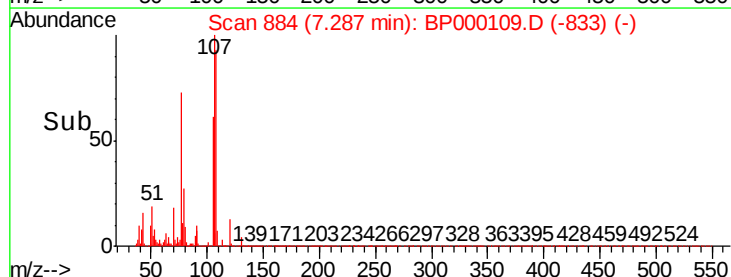
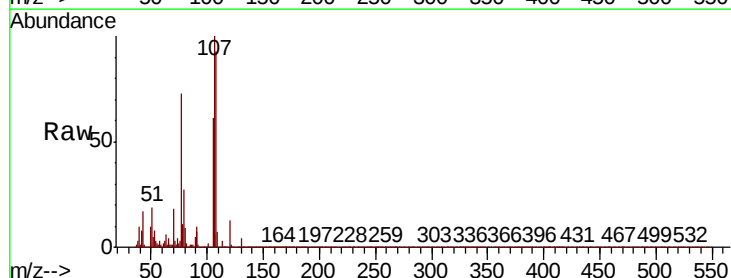
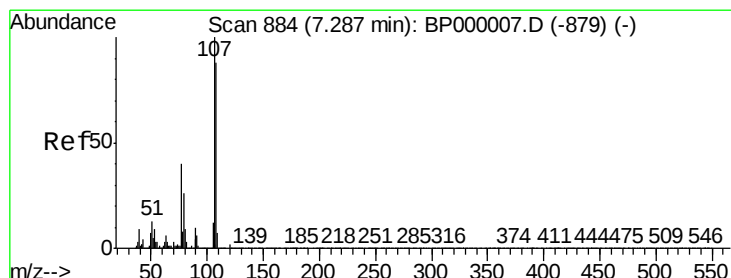
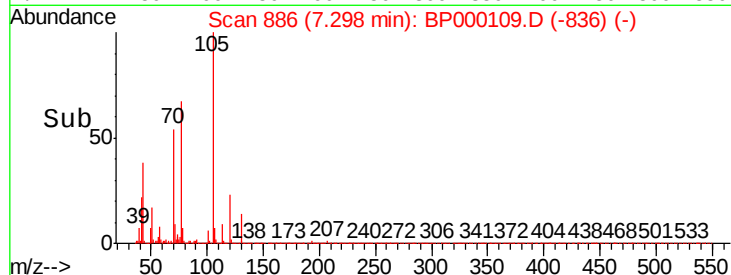
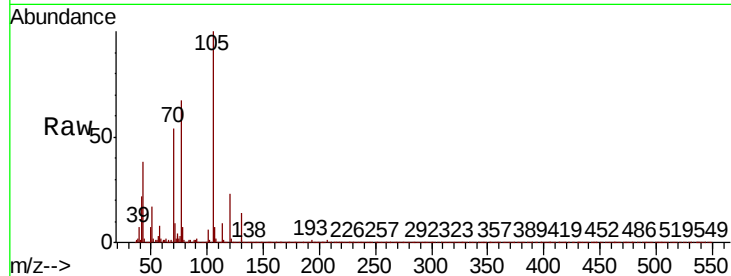
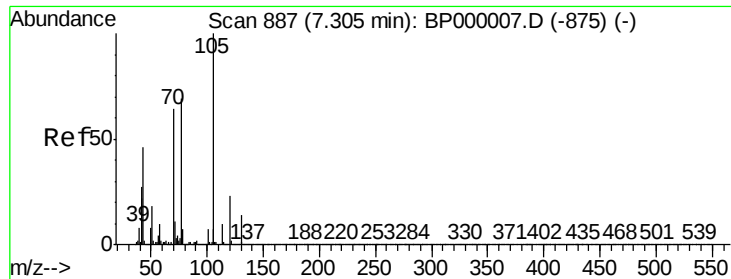
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	96.0	77.0	115.6	
201	102.8	76.2	114.4	



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





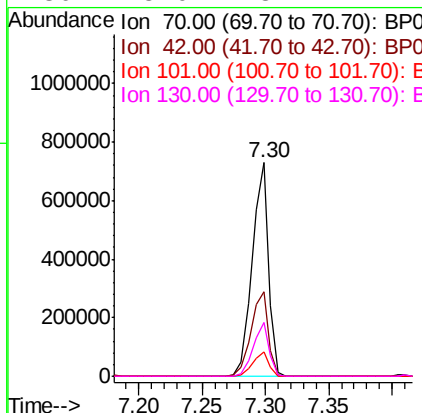
#19
n-Nitroso-di-n-propylamine
Concen: 33.966 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		656072		
42	39.8	33.8	50.6		
101	11.5	8.7	13.1		
130	25.0	18.1	27.1		

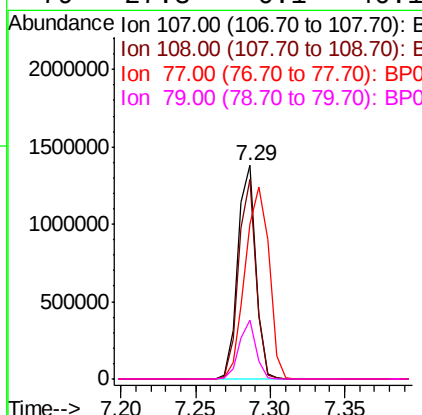
Manual Integrations
APPROVED

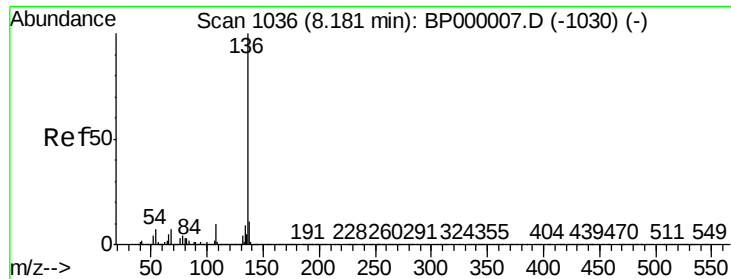
mohammad
9/10/2019 2:09:31 PM



#20
3+4-Methylphenols
Concen: 39.433 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.00 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		1174181		
108	93.2	68.1	108.1		
77	72.7	19.8	59.8#		
79	27.3	6.1	46.1		





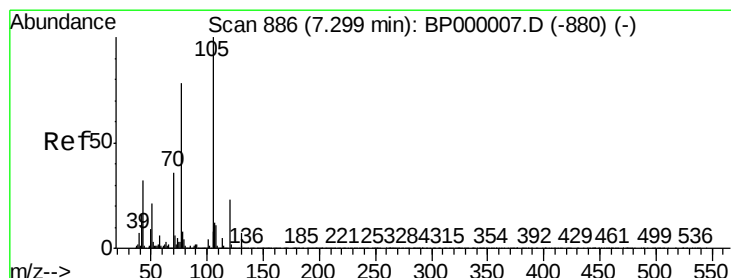
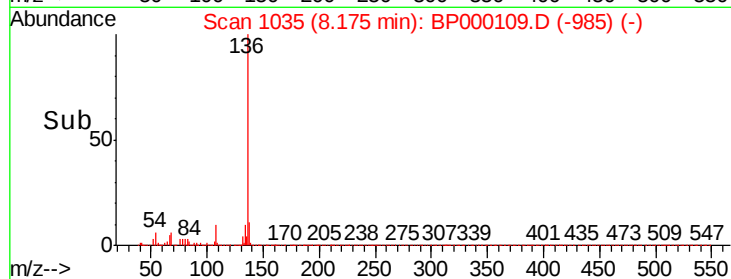
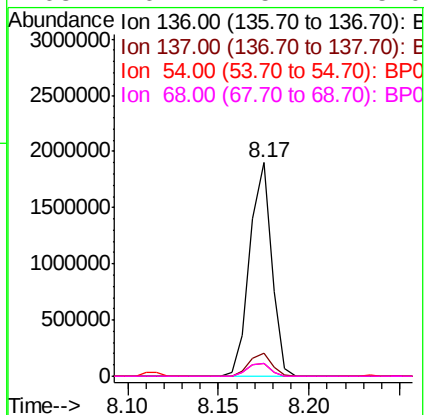
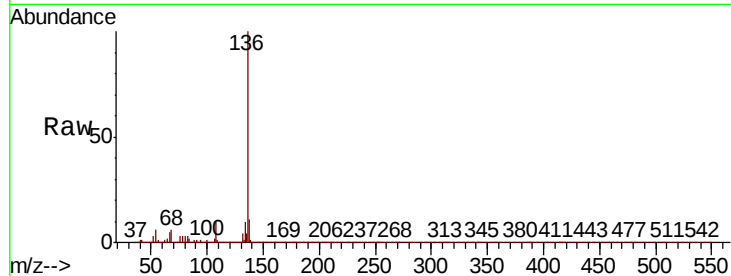
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.1	5.4	8.2
68	6.2	5.4	8.0

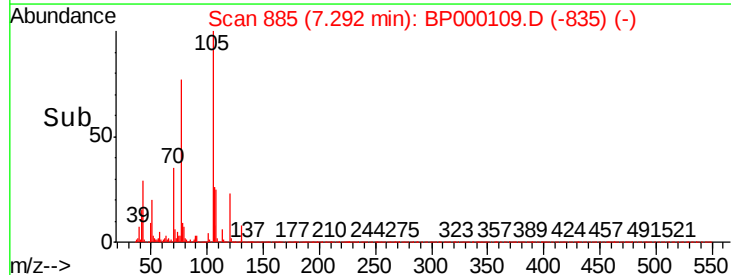
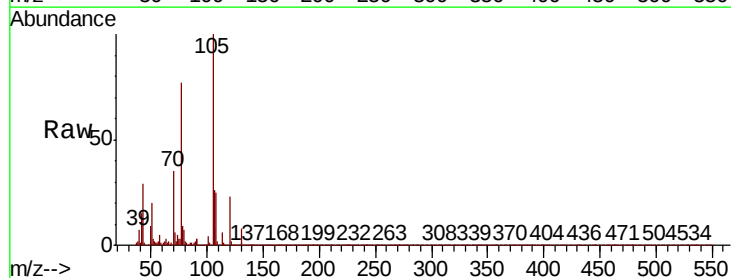
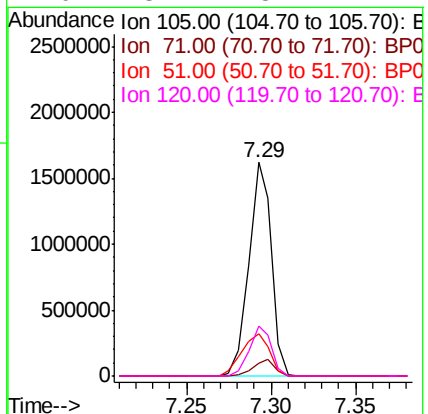
Manual Integrations
APPROVED

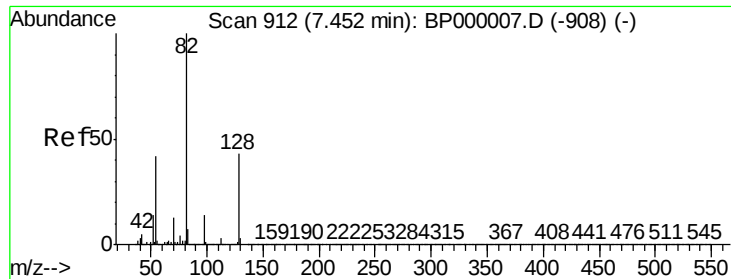
mohammad
9/10/2019 2:09:31 PM



#22
Acetophenone
Concen: 39.347 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
105	100		
71	6.0	4.8	7.2
51	20.0	17.0	25.4
120	23.4	18.1	27.1





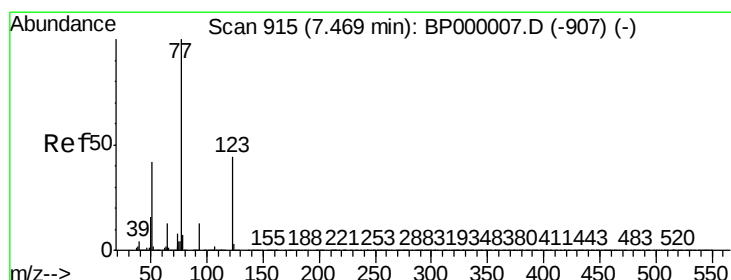
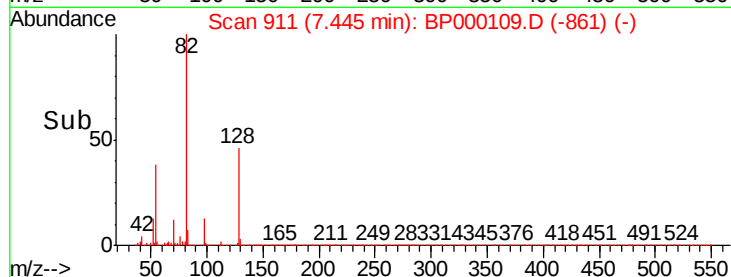
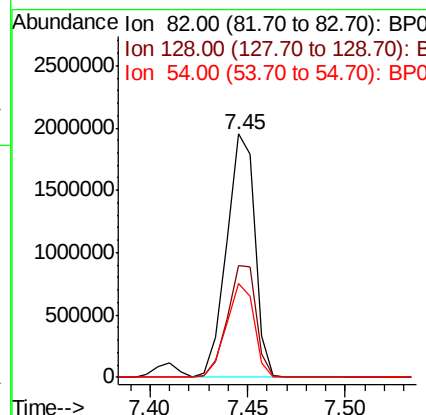
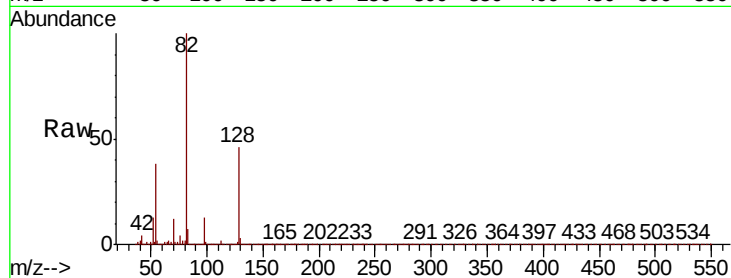
#23
Nitrobenzene-d5
Concen: 74.948 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.8	34.5	51.7
54	38.3	33.2	49.8

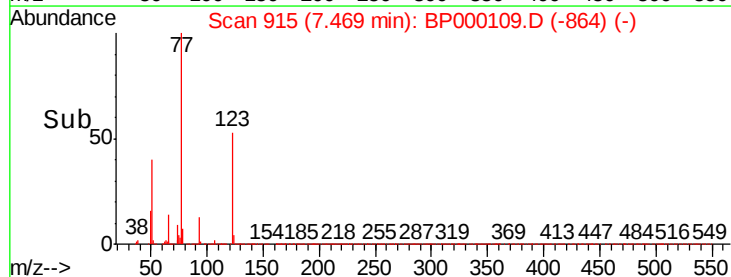
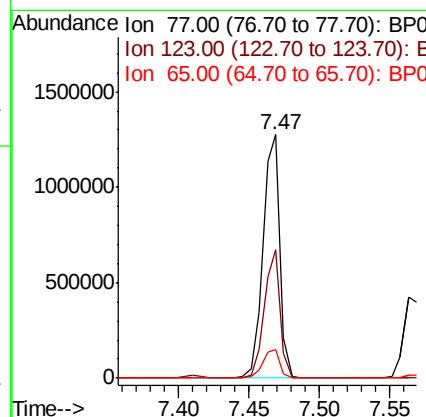
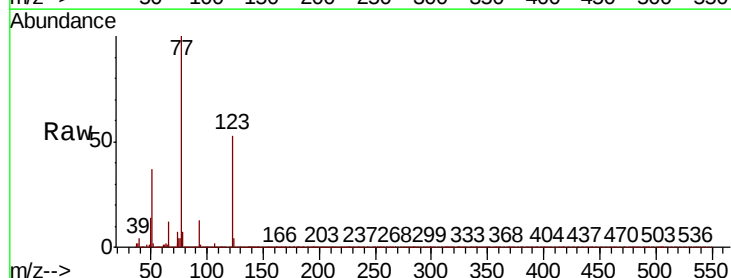
Manual Integrations
APPROVED

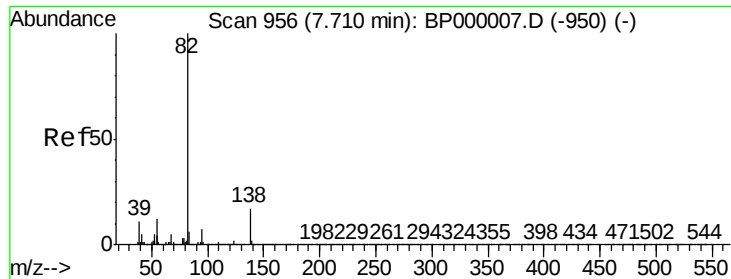
mohammad
9/10/2019 2:09:31 PM



#24
Nitrobenzene
Concen: 37.879 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.00 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	52.7	35.8	53.8
65	11.9	10.1	15.1





#25

Isophorone

Concen: 36.591 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

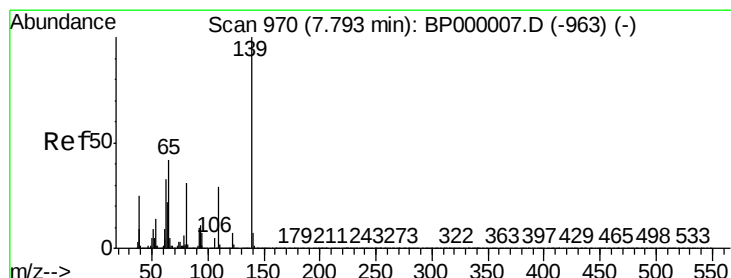
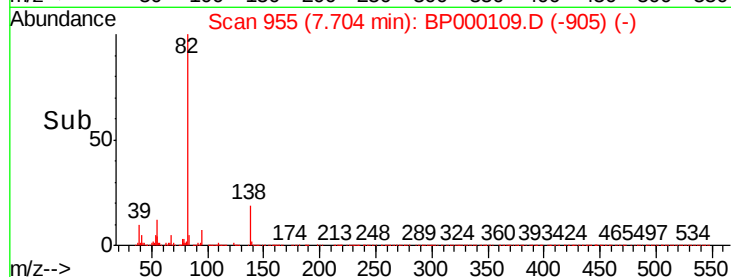
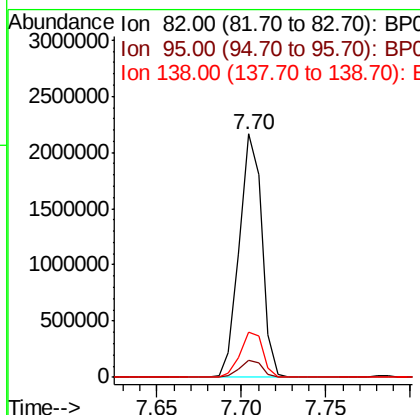
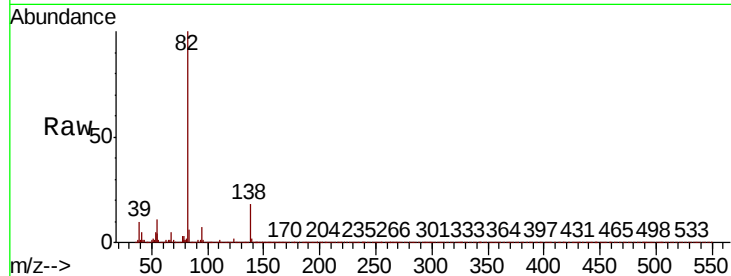
ClientSampleId :

FK-BPM-04-004-ABCDMSD

Tot Ion:	82	Resp:	2015753
Ion	Ratio	Lower	Upper
82	100		
95	6.9	5.6	8.4
138	18.3	13.8	20.6

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:31 PM



#26

2-Nitrophenol

Concen: 45.783 ng

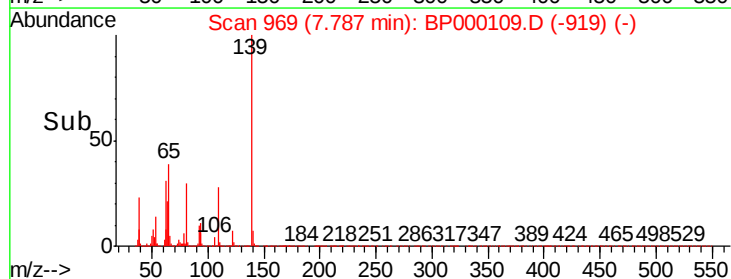
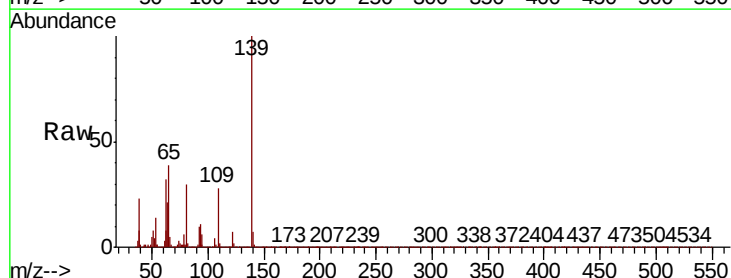
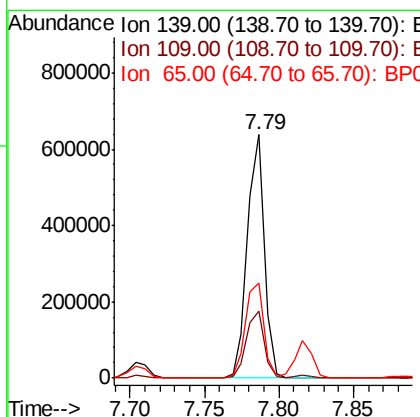
RT: 7.79 min Scan# 969

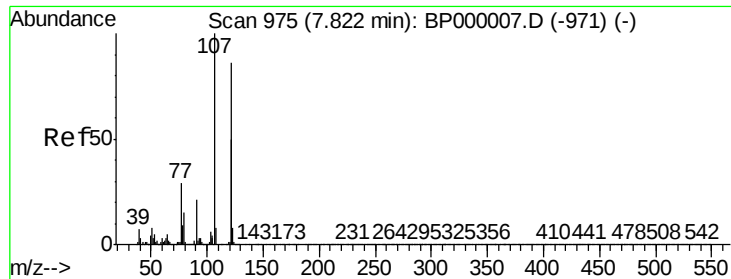
Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Tgt Ion:	139	Resp:	503598
Ion	Ratio	Lower	Upper
139	100		
109	27.7	23.4	35.0
65	39.1	33.4	50.0





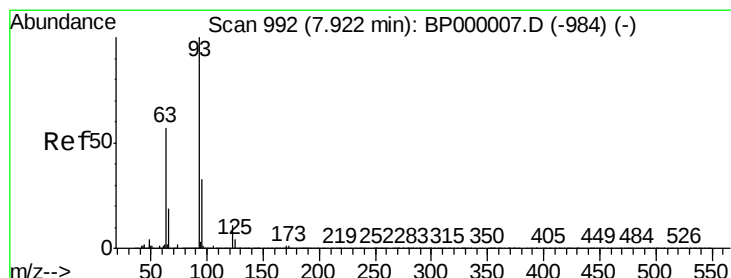
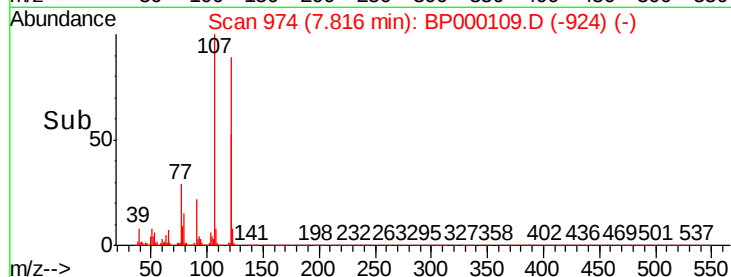
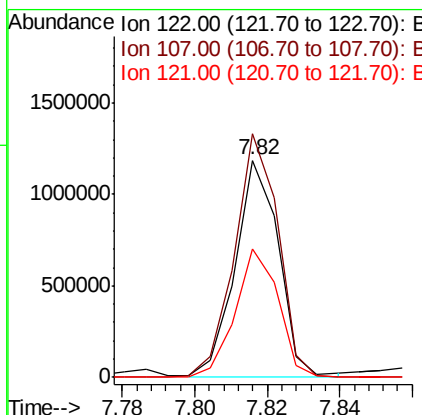
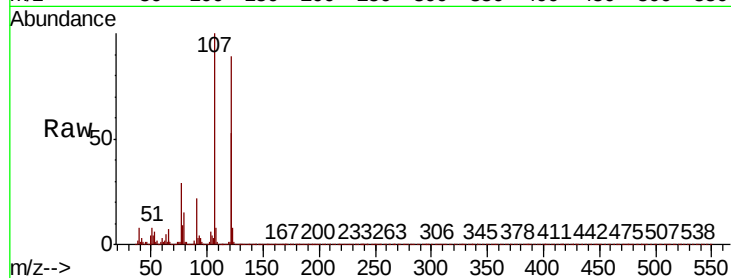
#27
2,4-Dimethylphenol
Concen: 44.618 ng
RT: 7.82 min Scan# 974
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	990345		
107	112.3	92.9	139.3	
121	59.3	46.8	70.2	

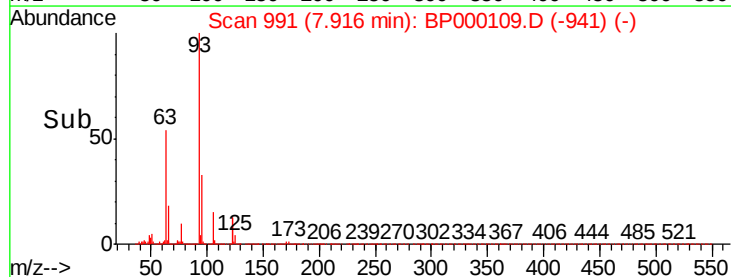
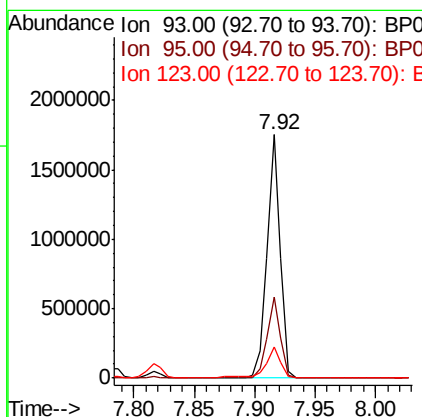
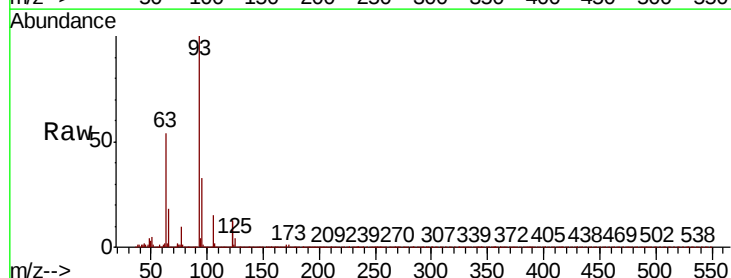
Manual Integrations
APPROVED

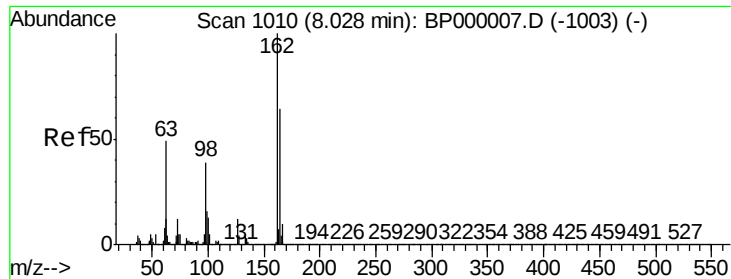
mohammad
9/10/2019 2:09:31 PM



#28
bis(2-Chloroethoxy)methane
Concen: 36.883 ng
RT: 7.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	1321237		
95	33.1	26.1	39.1	
123	12.8	9.0	13.4	





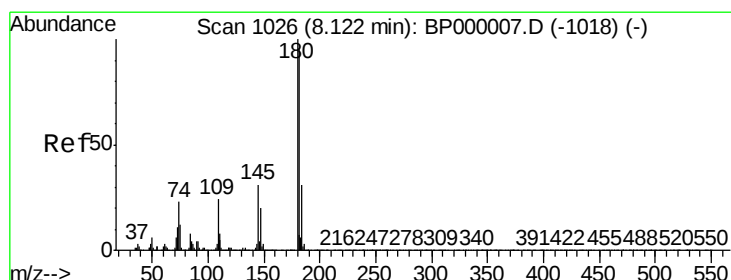
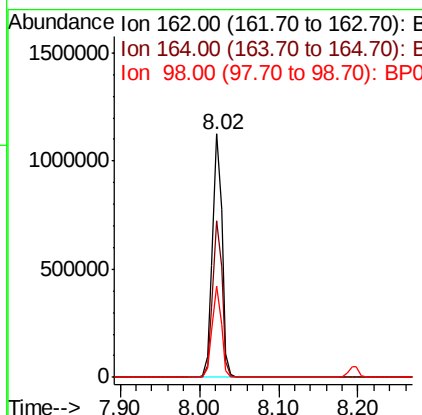
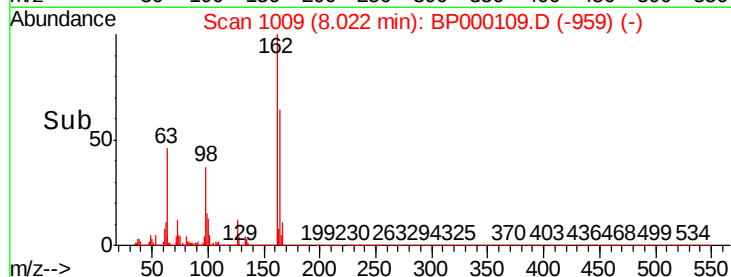
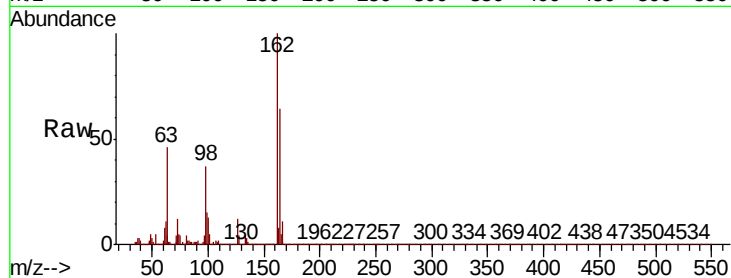
#29
2,4-Dichlorophenol
Concen: 41.385 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion:	162	Resp:	944558
Ion Ratio	Lower	Upper	
162	100		
164	64.1	44.2	84.2
98	37.3	18.7	58.7

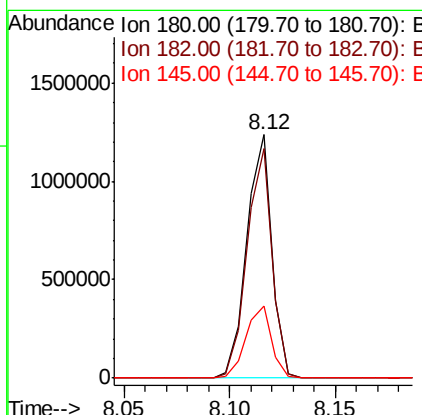
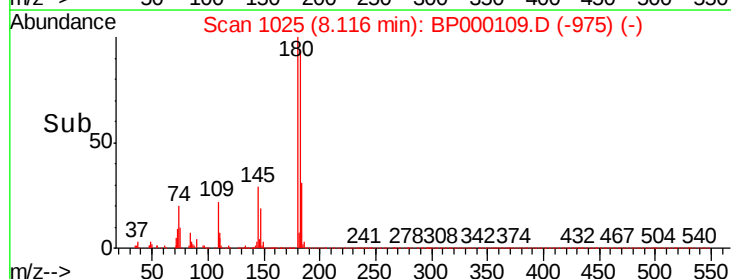
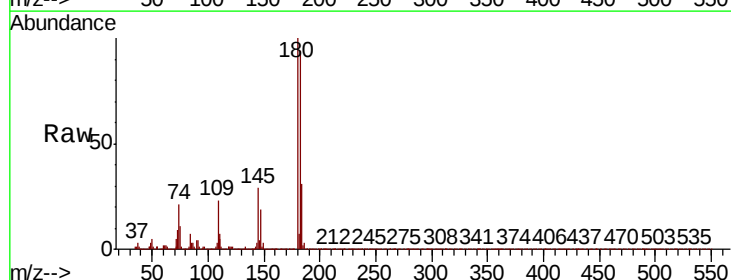
Manual Integrations
APPROVED

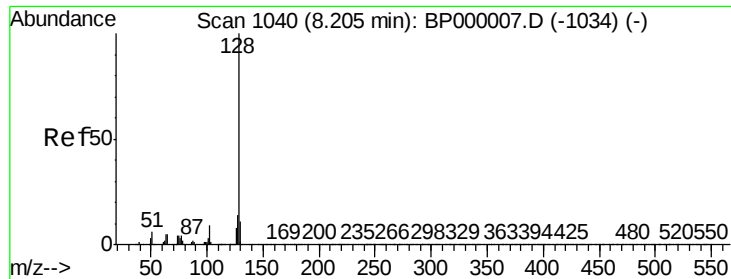
mohammad
9/10/2019 2:09:31 PM



#30
1,2,4-Trichlorobenzene
Concen: 39.086 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion:	180	Resp:	1017002
Ion Ratio	Lower	Upper	
180	100		
182	94.5	76.7	115.1
145	29.4	24.8	37.2





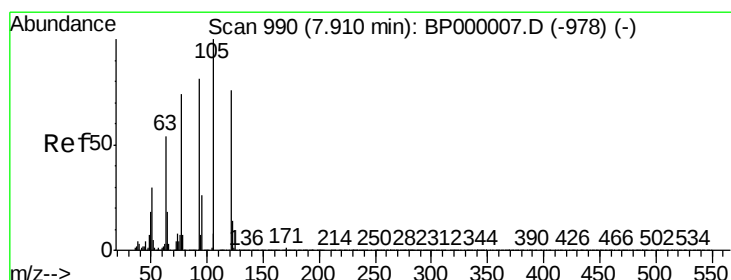
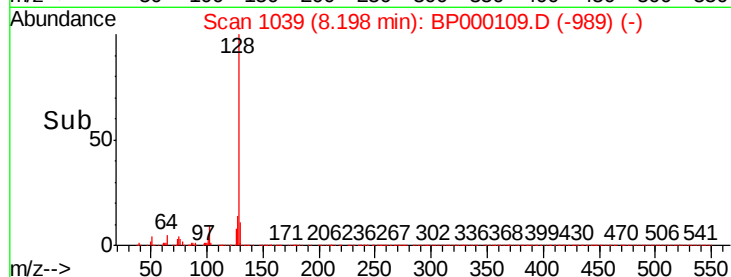
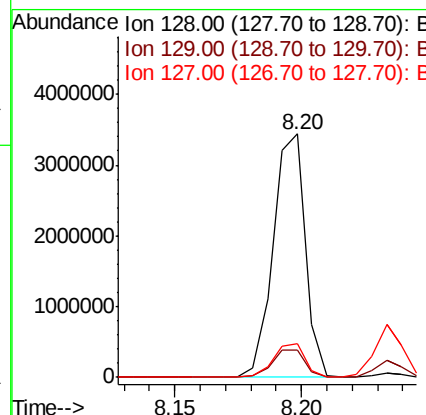
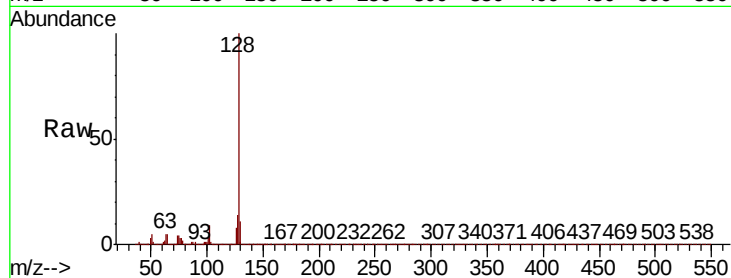
#31
Naphthalene
Concen: 41.701 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion:128 Resp: 3060848
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.6 11.0 16.6

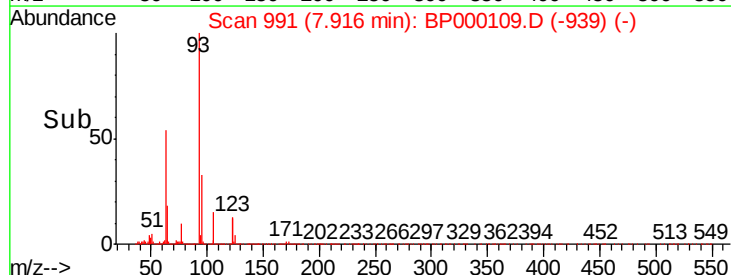
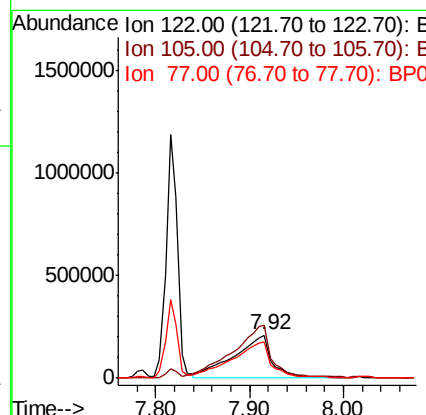
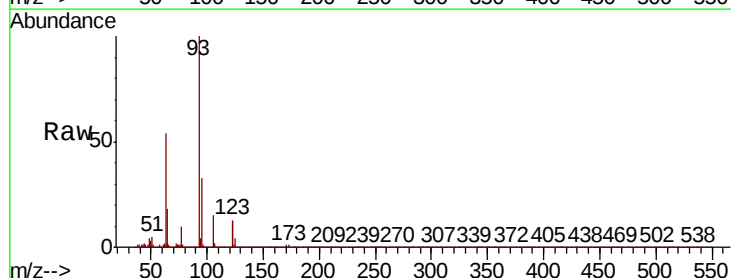
Manual Integrations
APPROVED

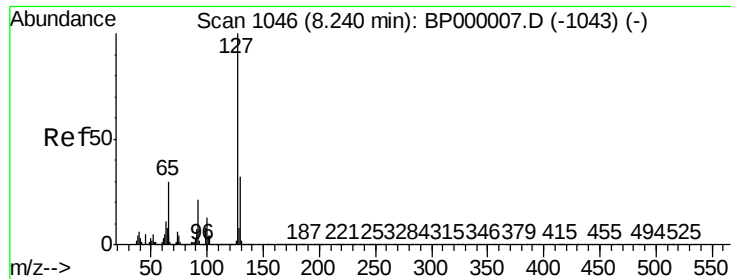
mohammad
9/10/2019 2:09:31 PM



#32
Benzoic acid
Concen: 40.038 ng
RT: 7.92 min Scan# 991
Delta R.T. 0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion:122 Resp: 571214
Ion Ratio Lower Upper
122 100
105 124.2 104.6 144.6
77 86.2 74.1 114.1





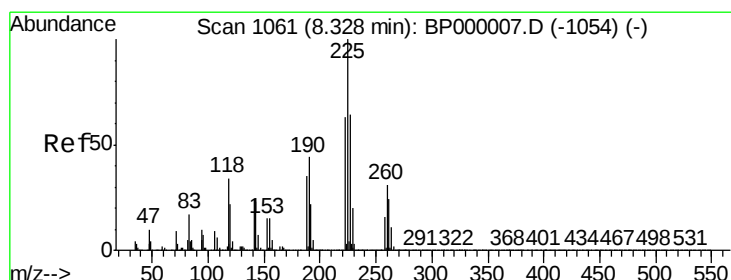
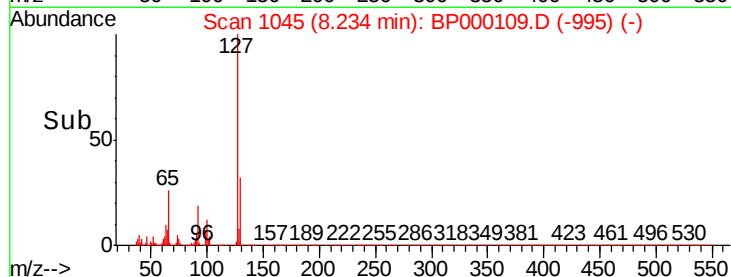
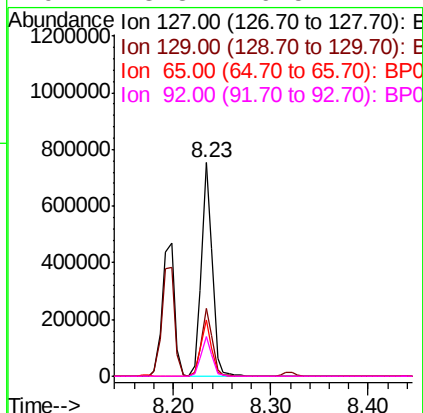
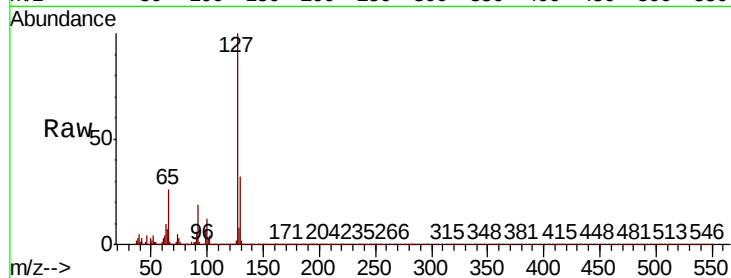
#33
4-Chloroaniline
Concen: 16.765 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	31.9	25.8	38.6	
65	26.2	24.2	36.2	
92	18.8	16.5	24.7	

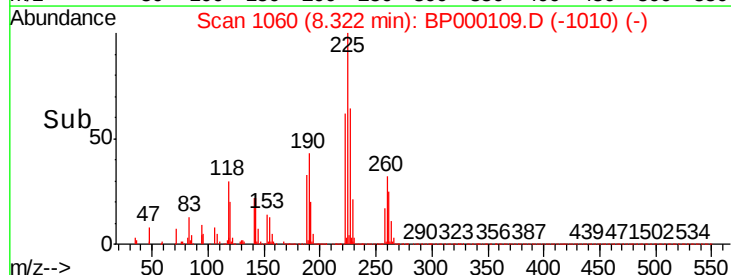
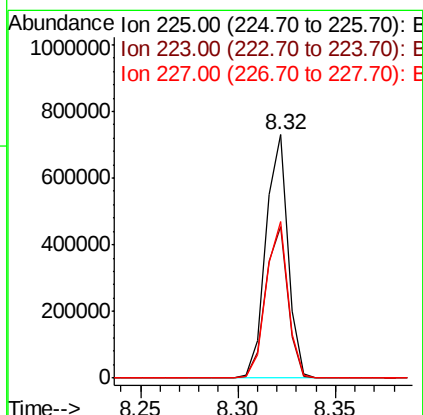
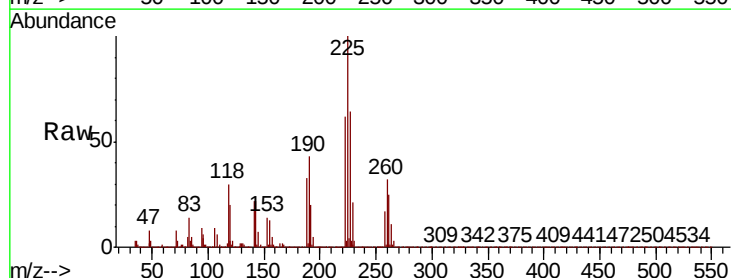
Manual Integrations
APPROVED

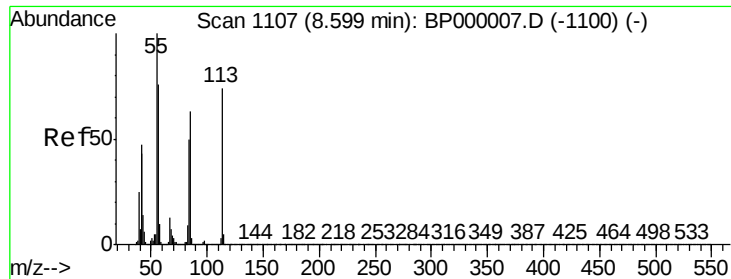
mohammad
9/10/2019 2:09:31 PM



#34
Hexachlorobutadiene
Concen: 38.875 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	62.1	50.6	76.0	
227	64.4	51.0	76.4	





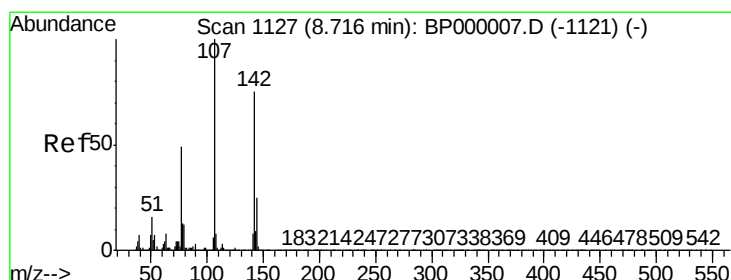
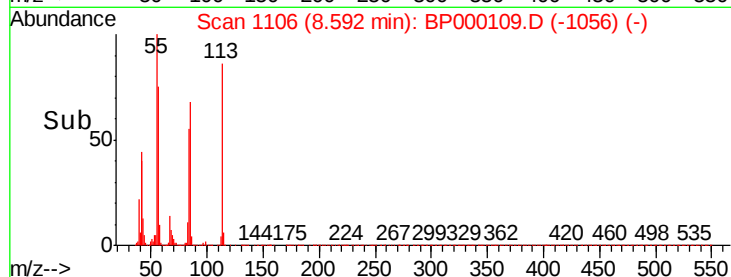
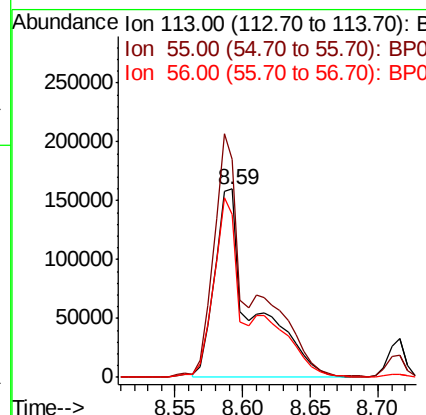
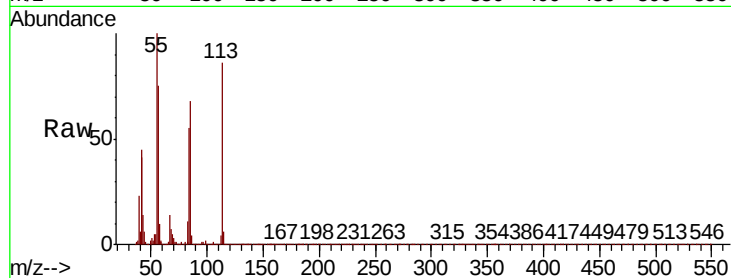
#35
Caprolactam
Concen: 38.566 ng/ml
RT: 8.59 min Scan# 1106
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
113	100		313030		
55	115.9	114.6	154.6		
56	86.6	82.1	122.1		

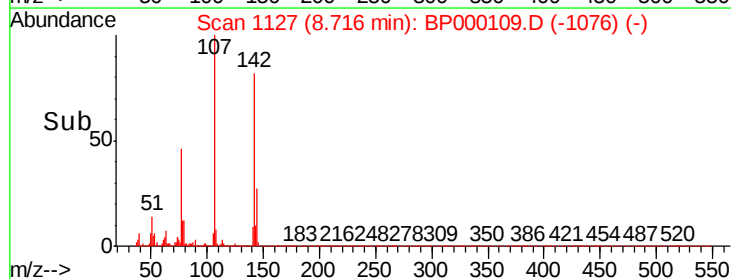
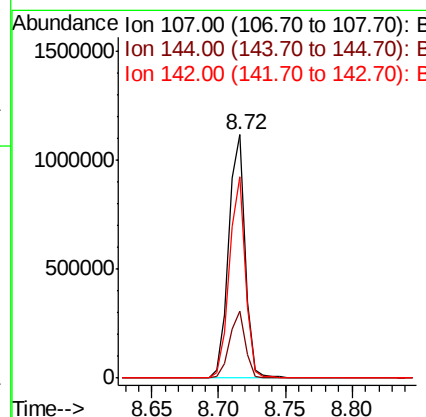
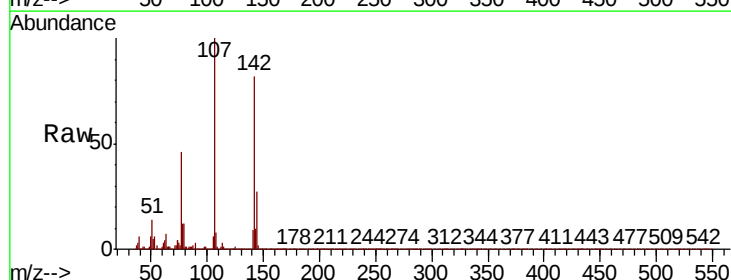
Manual Integrations
APPROVED

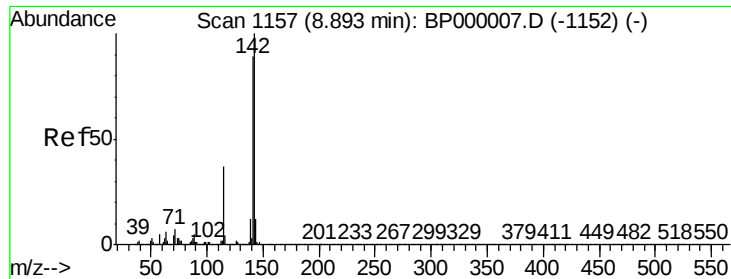
mohammad
9/10/2019 2:09:31 PM



#36
4-Chloro-3-methylphenol
Concen: 39.560 ng/ml
RT: 8.72 min Scan# 1127
Delta R.T. -0.00 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		985165		
144	27.3	19.8	29.6		
142	82.5	60.4	90.6		





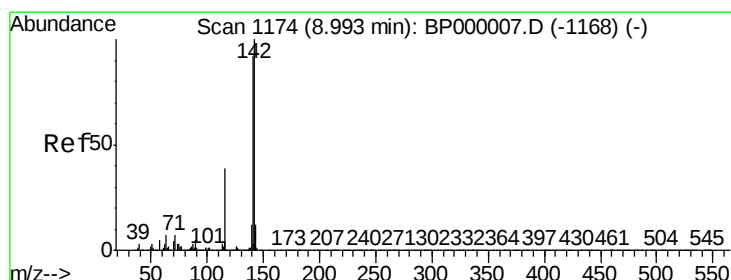
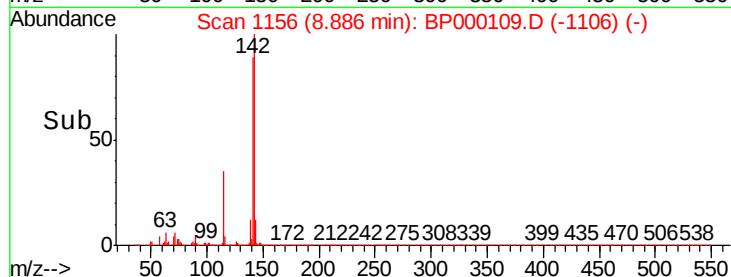
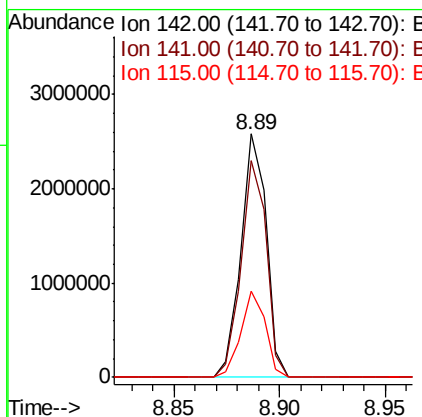
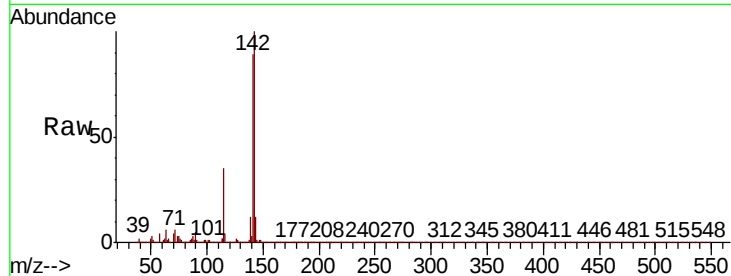
#37
2-Methylnaphthalene
Concen: 41.737 ng
RT: 8.89 min Scan# 1156
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.0	106.4
115	35.4	29.4	44.2

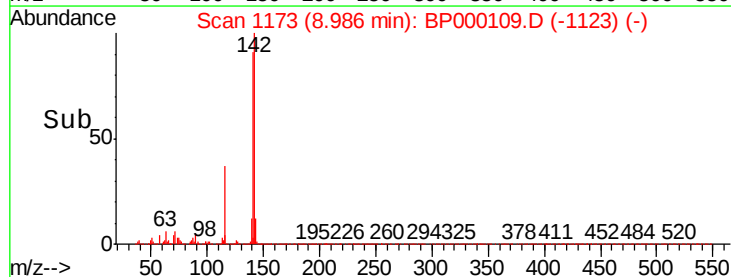
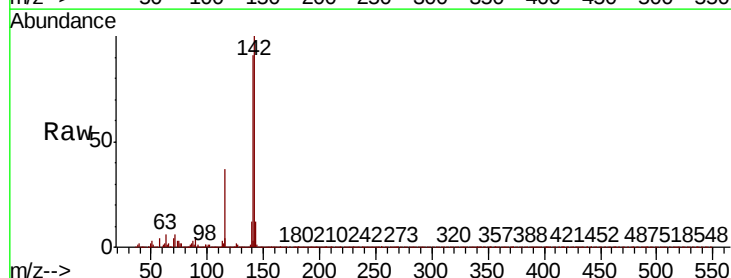
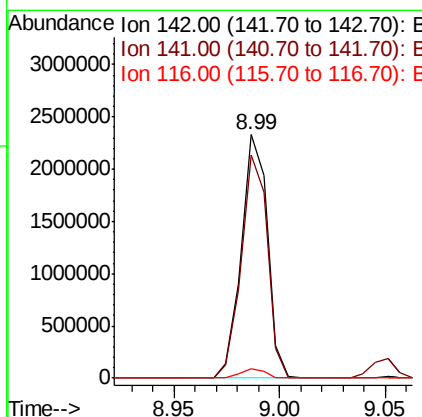
Manual Integrations
APPROVED

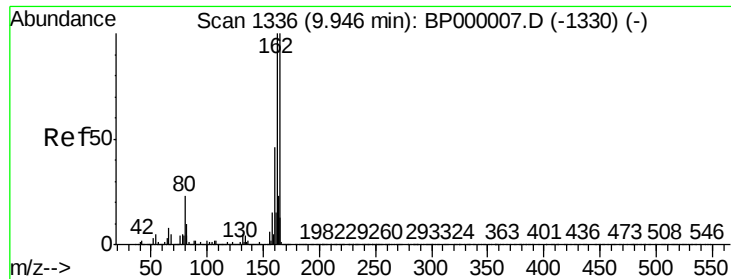
mohammad
9/10/2019 2:09:31 PM



#38
1-Methylnaphthalene
Concen: 41.165 ng
RT: 8.99 min Scan# 1173
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.6	110.4
116	3.8	3.4	5.0





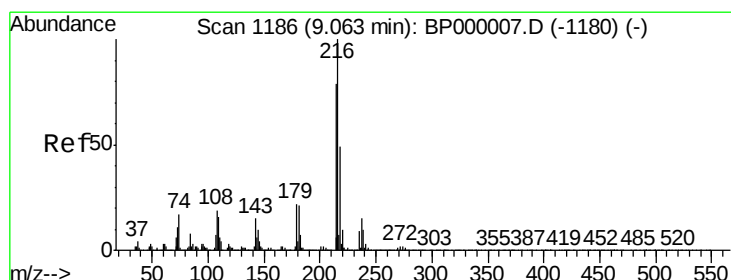
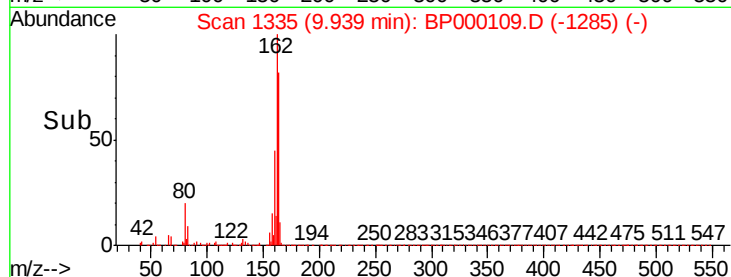
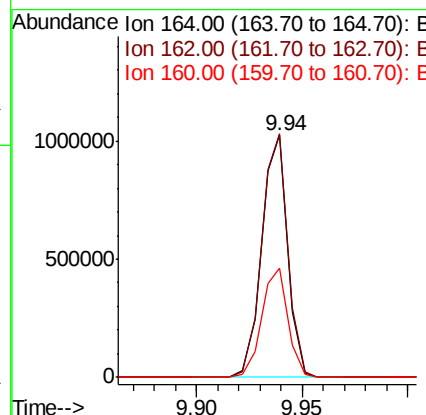
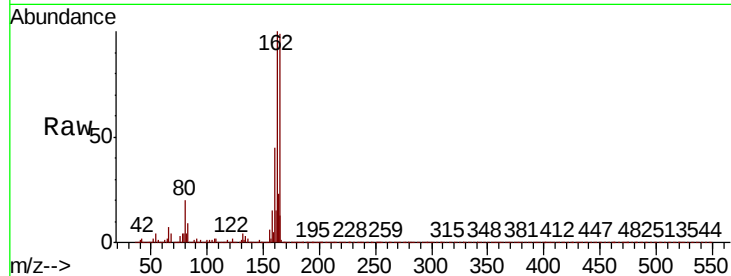
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.5	80.2	120.4
160	45.0	36.6	55.0

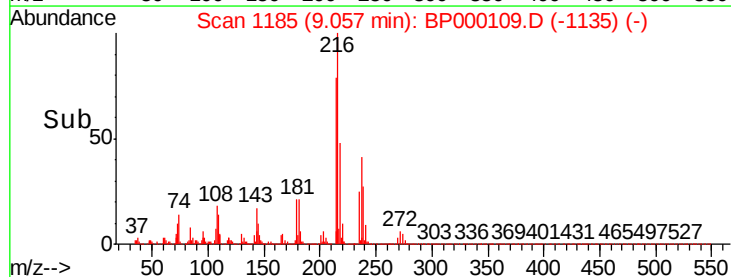
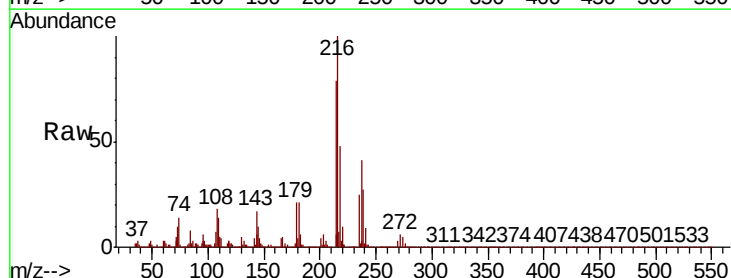
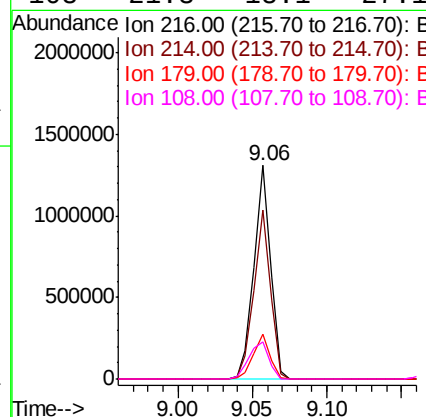
Manual Integrations
APPROVED

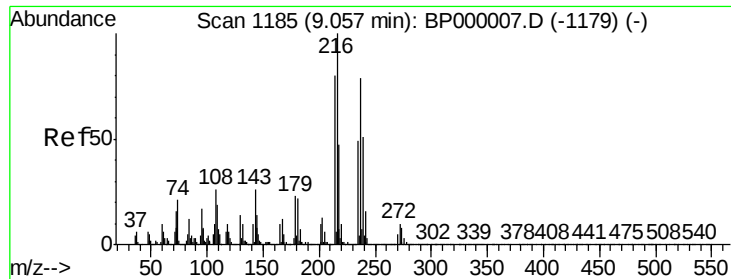
mohammad
9/10/2019 2:09:31 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.798 ng
RT: 9.06 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.2	63.4	95.2
179	21.1	17.8	26.6
108	21.3	18.1	27.1





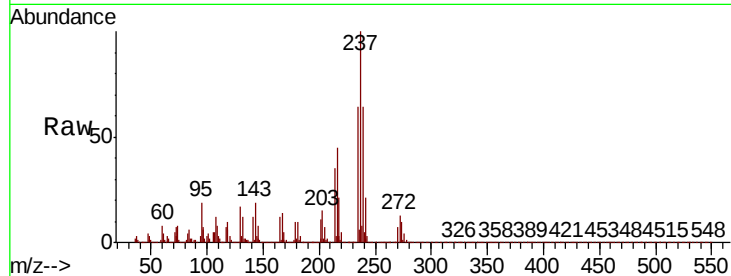
#41
Hexachlorocyclopentadiene
Concen: 86.383 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

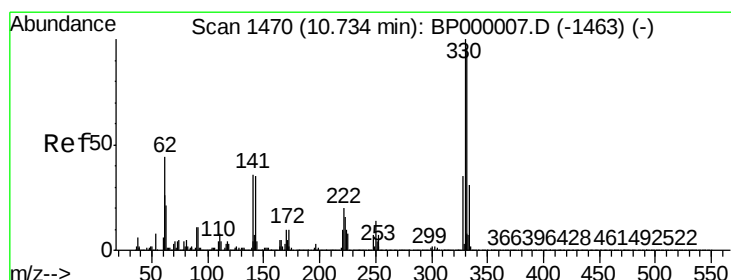
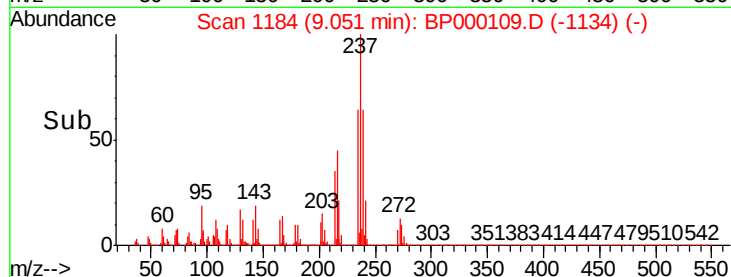
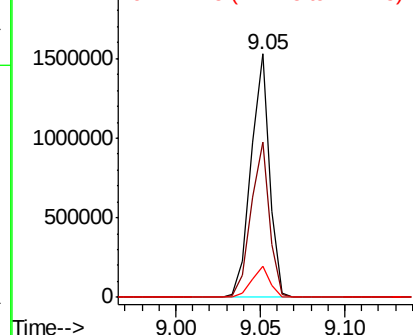
Tot Ion:237 Resp: 1171206
Ion Ratio Lower Upper
237 100
235 64.0 42.0 82.0
272 12.7 0.0 33.1

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:31 PM

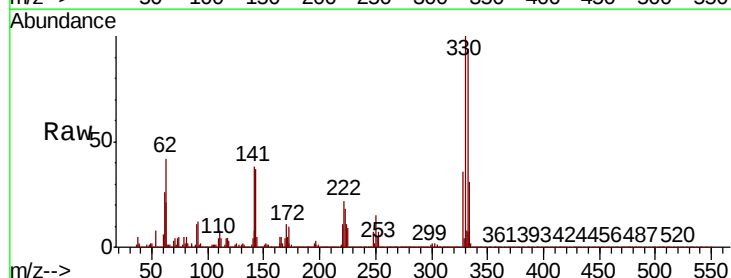


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

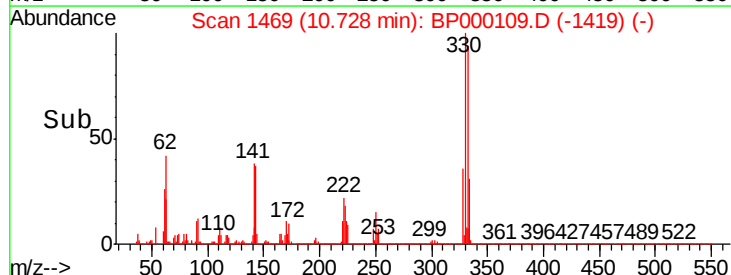
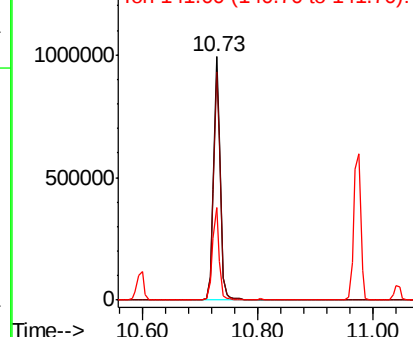


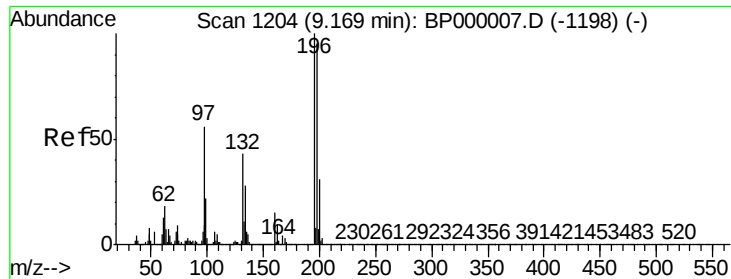
#42
2,4,6-Tribromophenol
Concen: 115.797 ng
RT: 10.73 min Scan# 1469
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion:330 Resp: 849125
Ion Ratio Lower Upper
330 100
332 94.9 76.8 115.2
141 38.0 33.6 50.4



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





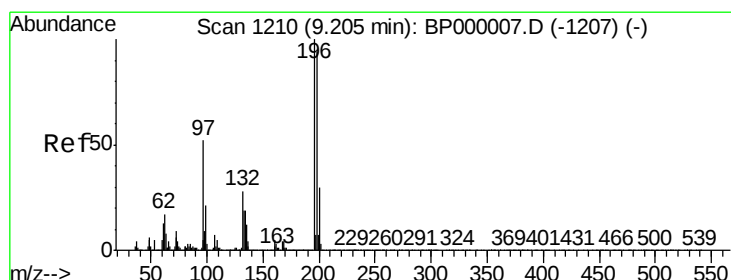
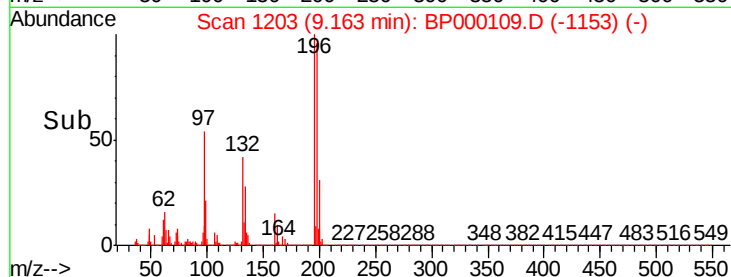
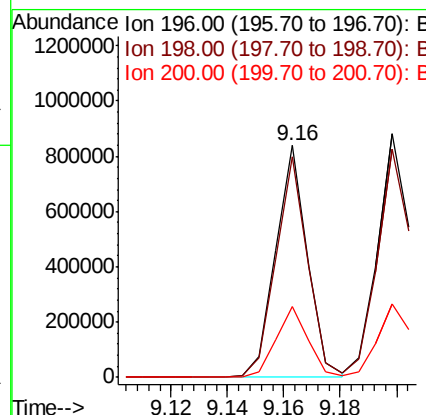
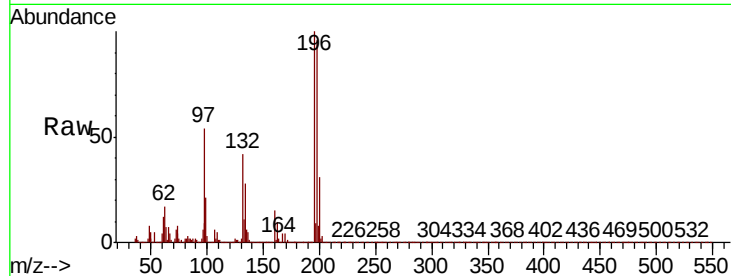
#43
 2,4,6-Trichlorophenol
 Concen: 38.441 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.01 min
 Lab File: BP000109.D
 Acq: 08 Sep 2019 23:29

Instrument :
 BNA_P
 ClientSampleId :
 FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
196	100		
198	95.5	76.2	114.2
200	30.6	25.0	37.4

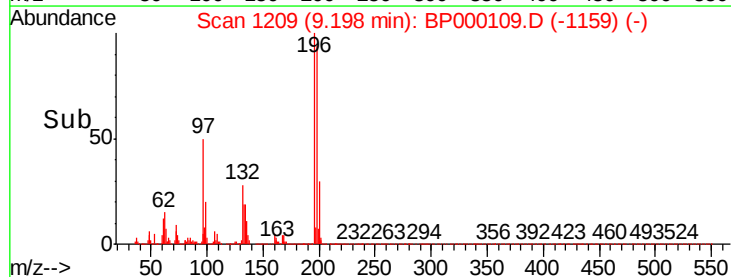
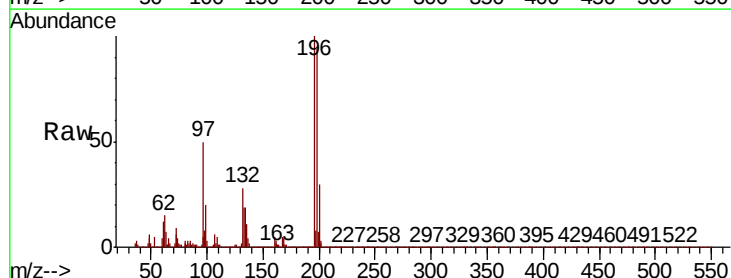
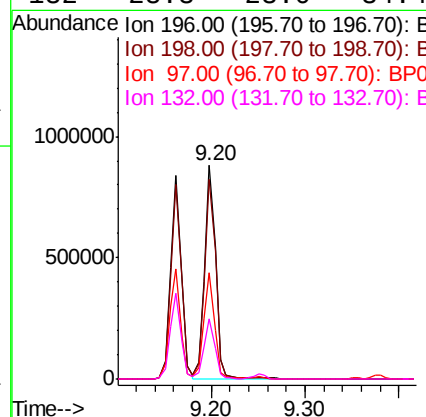
Manual Integrations
 APPROVED

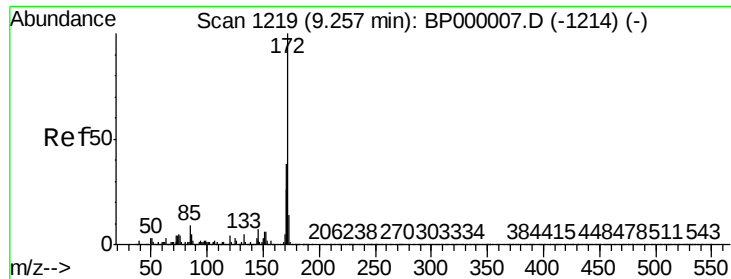
mohammad
 9/10/2019 2:09:31 PM



#44
 2,4,5-Trichlorophenol
 Concen: 40.591 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.01 min
 Lab File: BP000109.D
 Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	74.9	112.3
97	49.9	42.2	63.2
132	28.3	23.0	34.4





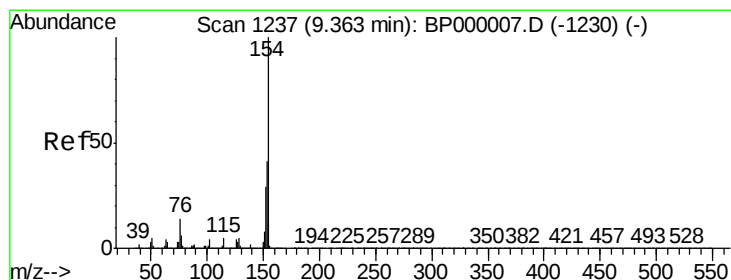
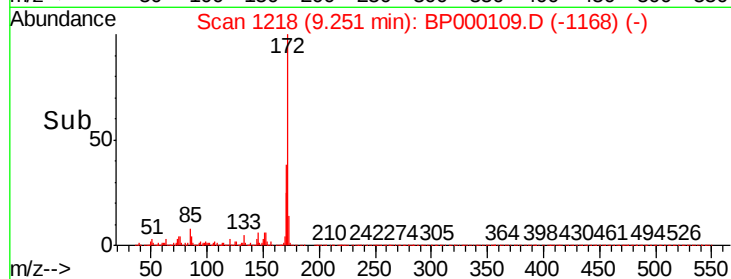
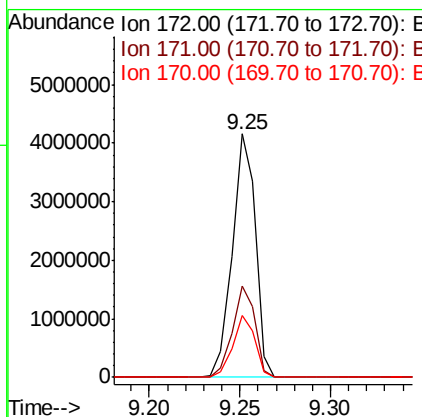
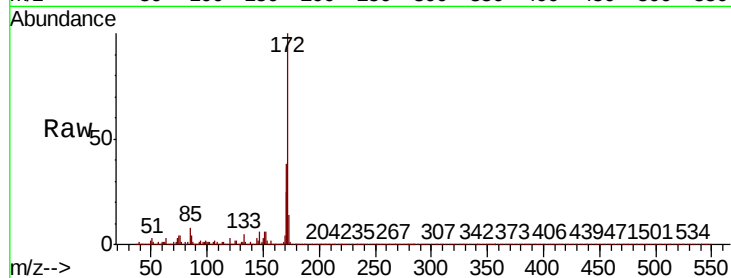
#45
2-Fluorobiphenyl
Concen: 70.589 ng
RT: 9.25 min Scan# 1218
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion:172 Resp: 3677230
Ion Ratio Lower Upper
172 100
171 37.6 30.7 46.1
170 25.2 20.7 31.1

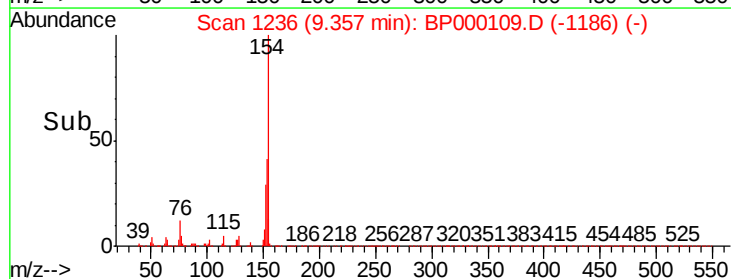
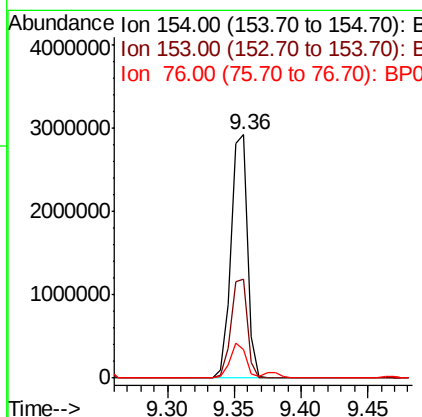
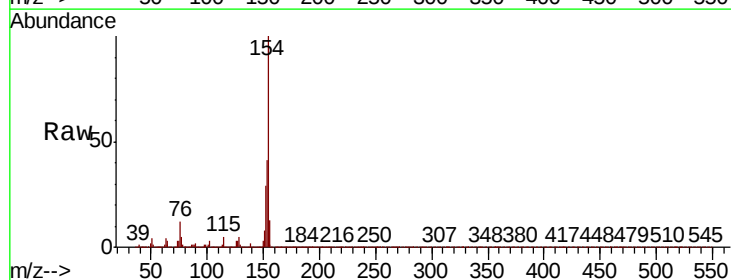
Manual Integrations
APPROVED

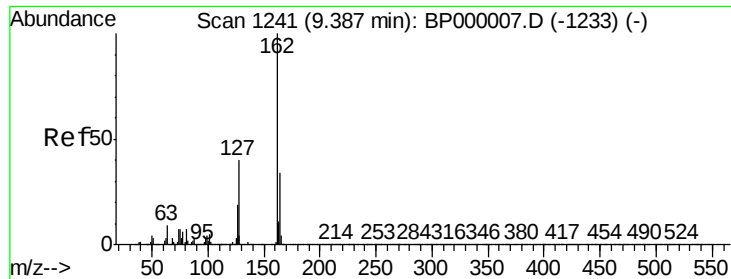
mohammad
9/10/2019 2:09:31 PM



#46
1,1'-Biphenyl
Concen: 41.560 ng
RT: 9.36 min Scan# 1236
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion:154 Resp: 2552425
Ion Ratio Lower Upper
154 100
153 40.7 21.1 61.1
76 11.9 0.0 33.7





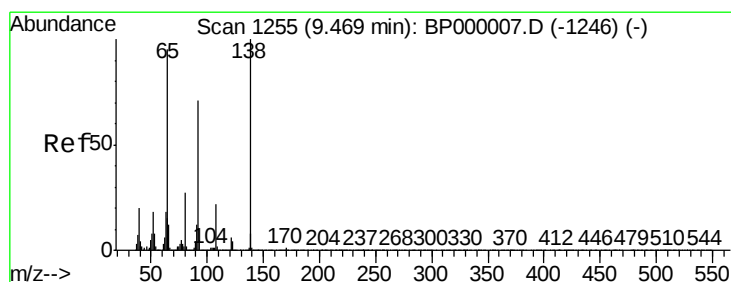
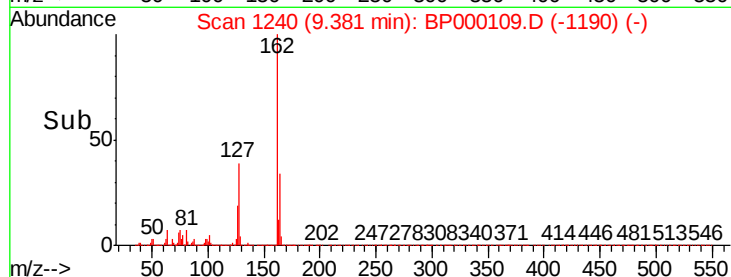
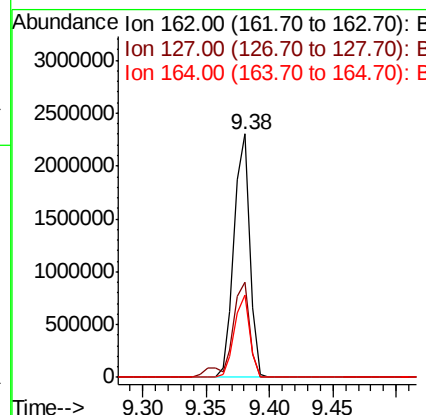
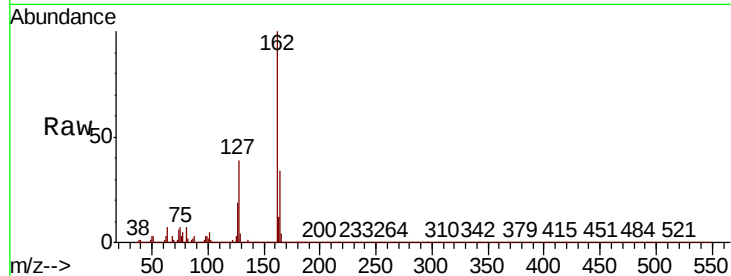
#47
2-Chloronaphthalene
Concen: 38.593 ng
RT: 9.38 min Scan# 1240
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	32.2	48.4
164	33.9	26.9	40.3

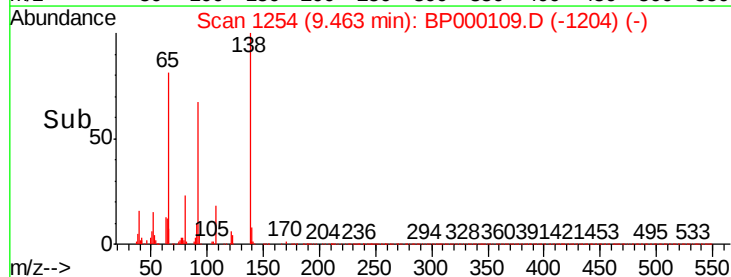
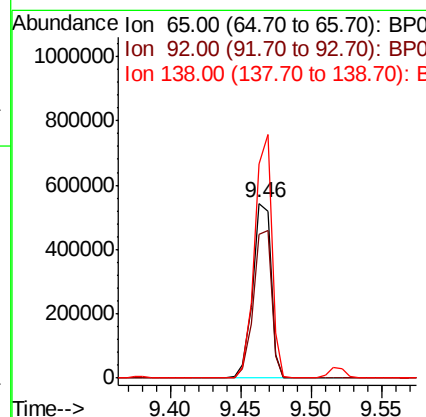
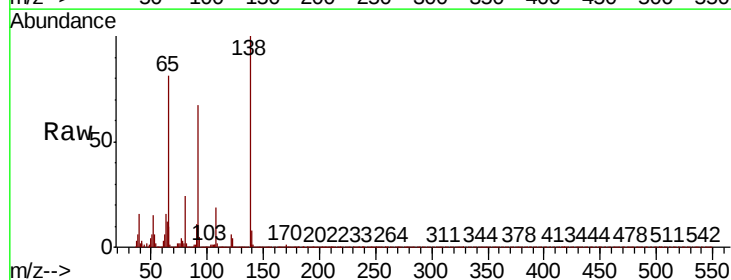
Manual Integrations
APPROVED

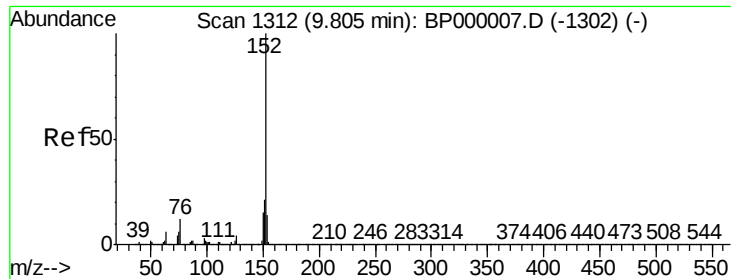
mohammad
9/10/2019 2:09:31 PM



#48
2-Nitroaniline
Concen: 36.018 ng
RT: 9.46 min Scan# 1254
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	82.2	60.3	90.5
138	122.8	84.5	126.7





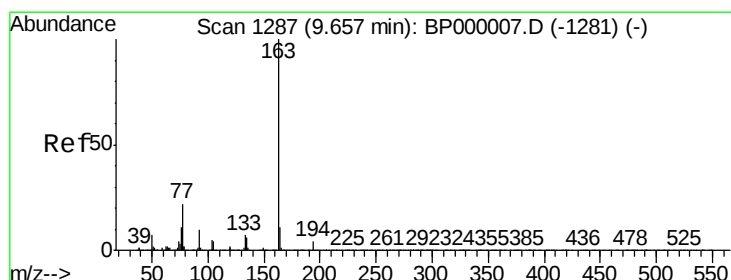
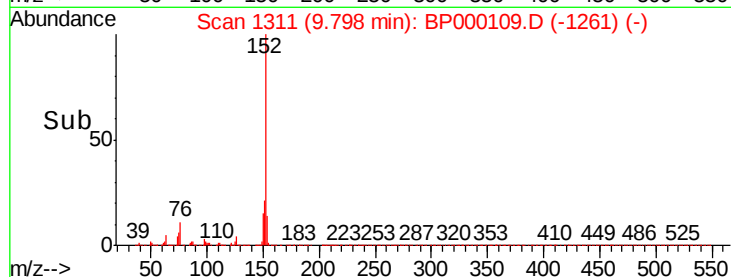
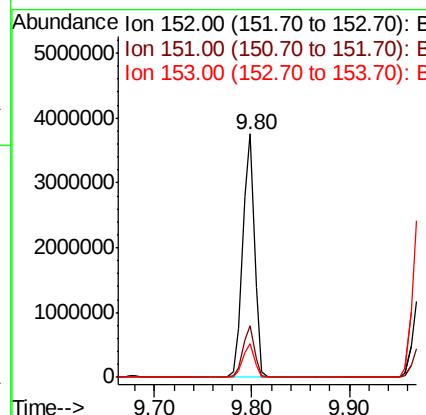
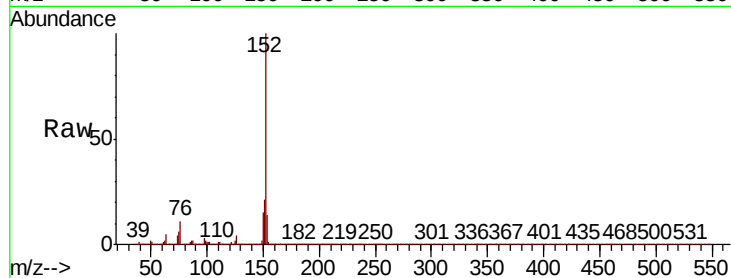
#49
Acenaphthylene
Concen: 41.527 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.0	25.6
153	13.9	11.0	16.6

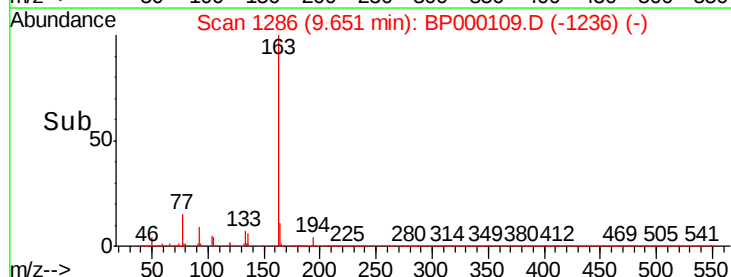
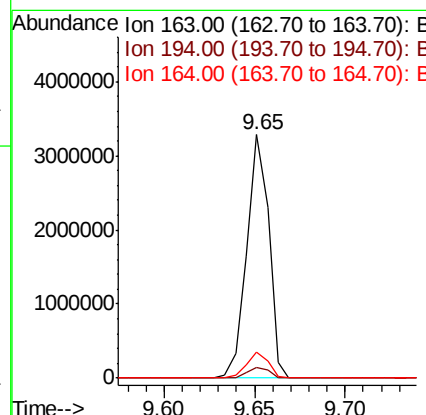
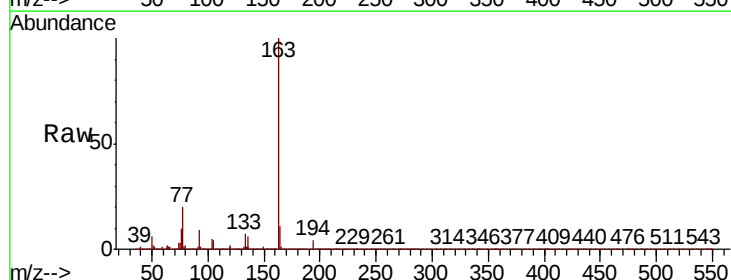
Manual Integrations
APPROVED

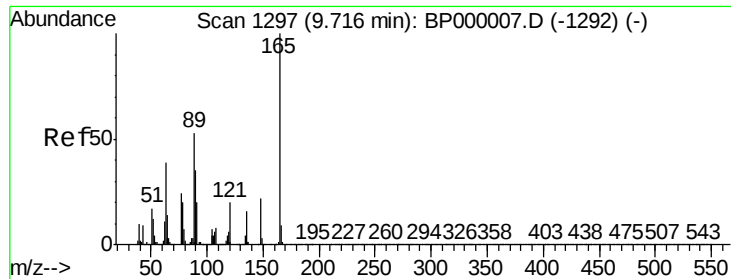
mohammad
9/10/2019 2:09:31 PM



#50
Dimethylphthalate
Concen: 46.783 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	10.8	8.4	12.6





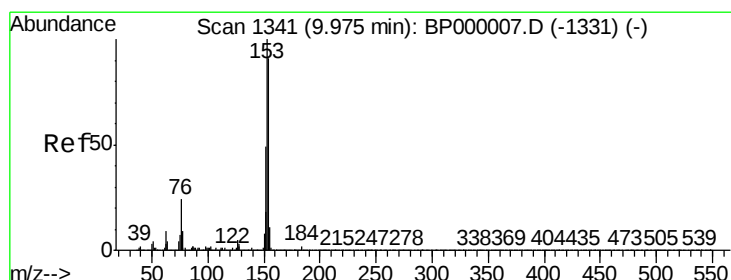
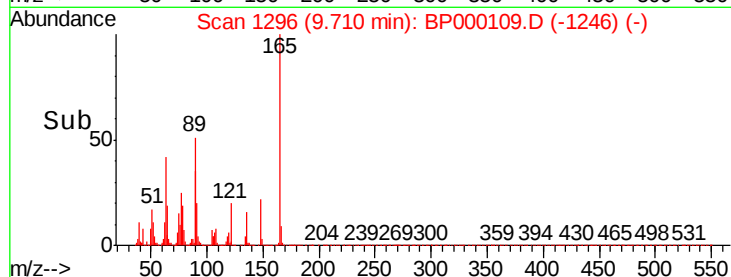
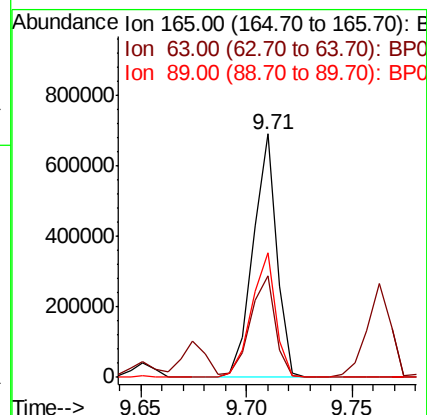
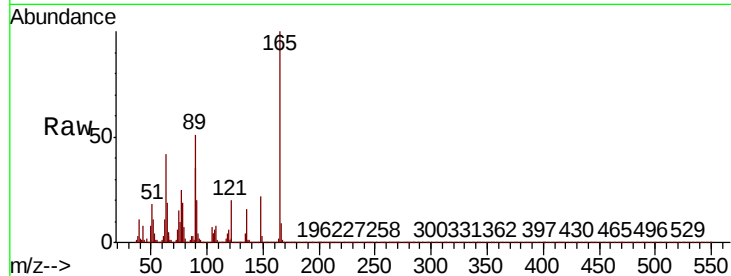
#51
2,6-Dinitrotoluene
Concen: 42.489 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	41.9	35.8	53.6	
89	51.3	42.2	63.4	

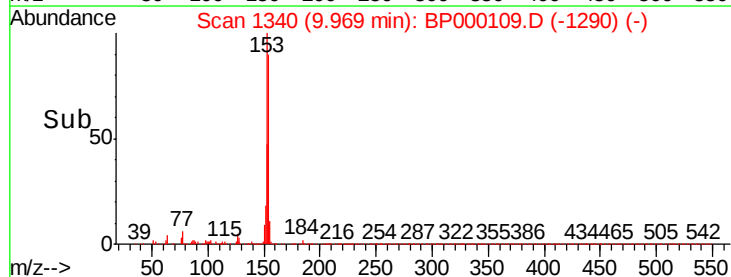
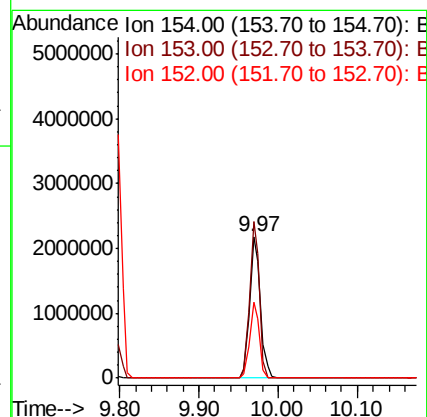
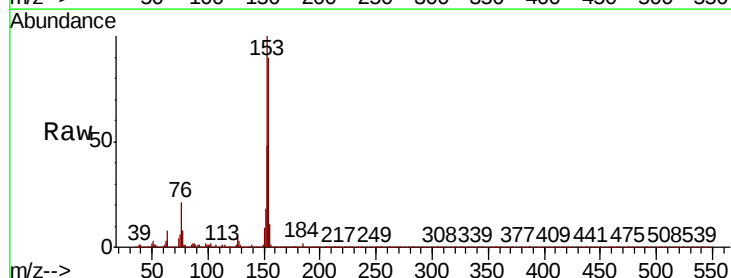
Manual Integrations
APPROVED

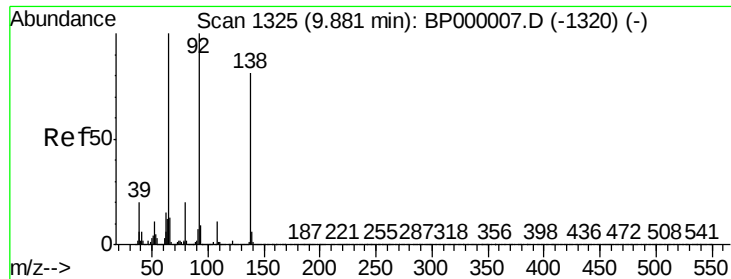
mohammad
9/10/2019 2:09:31 PM



#52
Acenaphthene
Concen: 43.338 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
154	100			
153	110.7	88.2	132.2	
152	53.5	42.9	64.3	





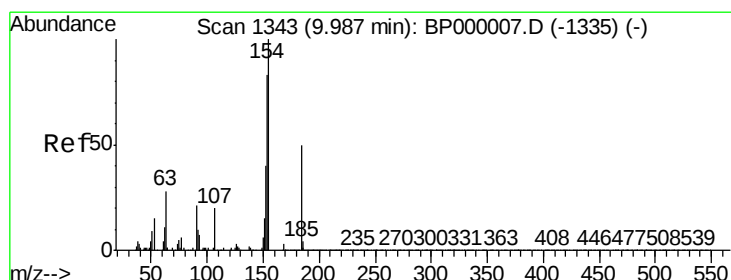
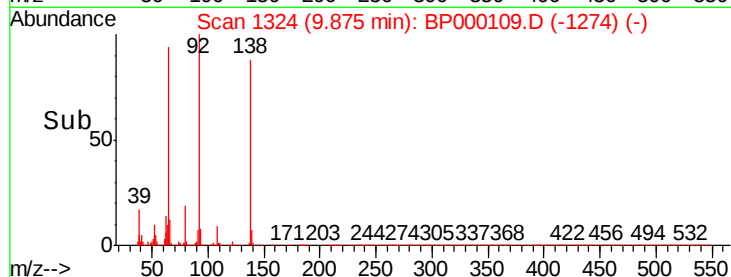
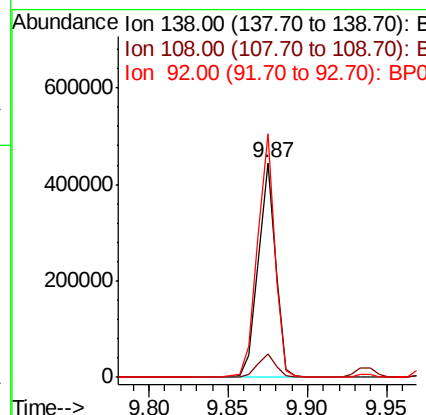
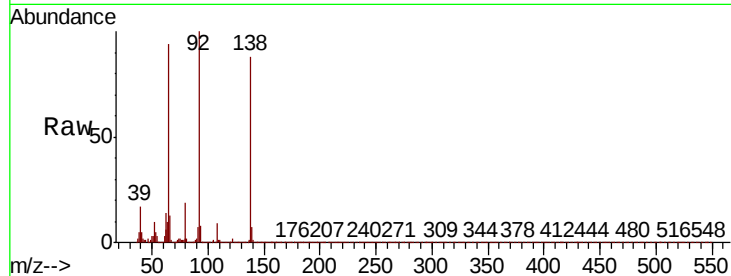
#53
3-Nitroaniline
Concen: 22.413 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.7	11.0	16.4#
92	113.5	98.2	147.4

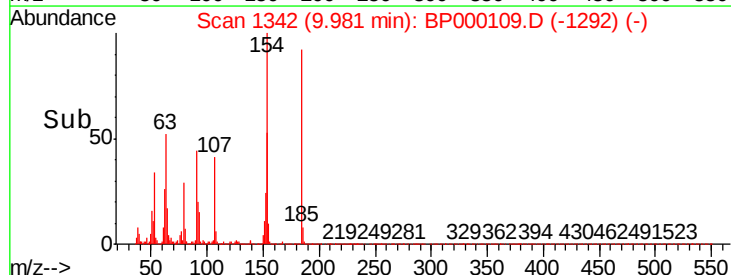
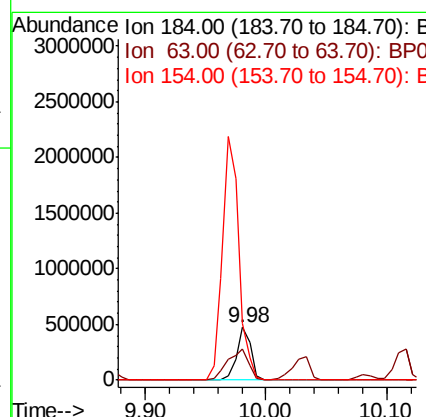
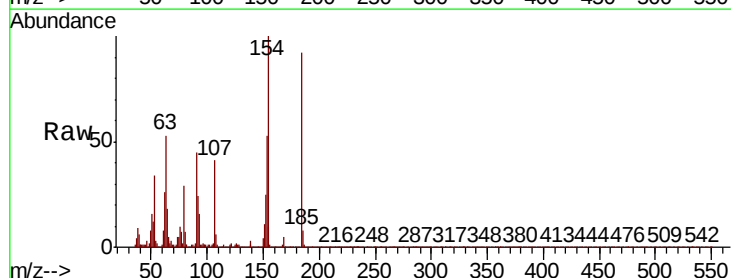
Manual Integrations
APPROVED

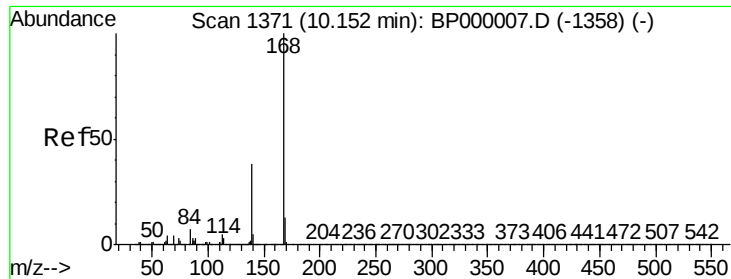
mohammad
9/10/2019 2:09:31 PM



#54
2,4-Dinitrophenol
Concen: 82.495 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.2	46.0	69.0
154	109.0	161.9	242.9#





#55

Dibenzofuran

Concen: 41.509 ng

RT: 10.15 min Scan# 1370

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

ClientSampleId :

FK-BPM-04-004-ABCDMSD

Tot Ion:168 Resp: 2797871

Ion Ratio Lower Upper

168 100

139 38.3 30.2 45.2

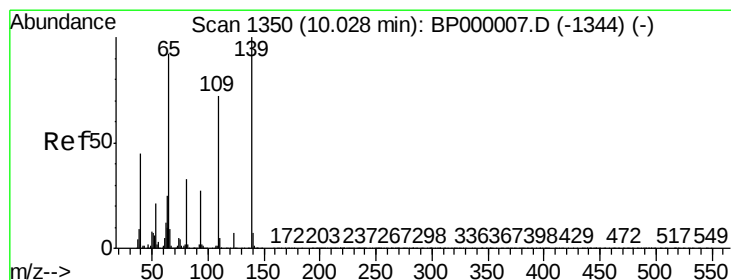
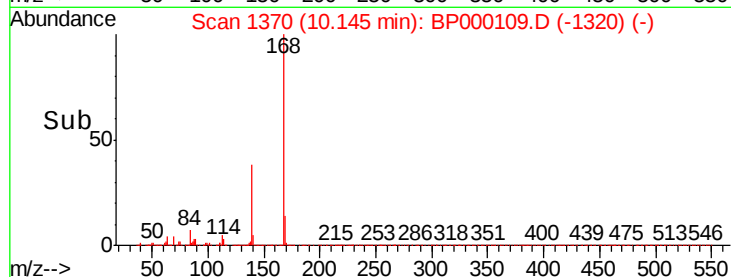
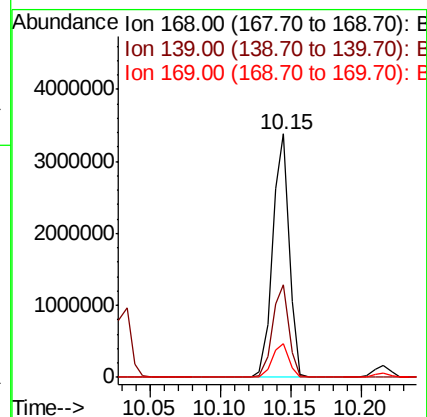
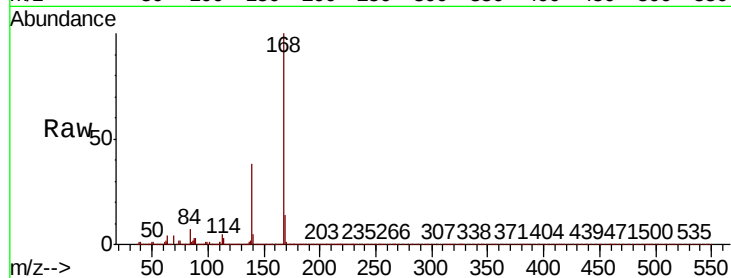
169 13.7 10.7 16.1

Manual Integrations

APPROVED

mohammad

9/10/2019 2:09:31 PM



#56

4-Nitrophenol

Concen: 86.420 ng

RT: 10.03 min Scan# 1351

Delta R.T. 0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

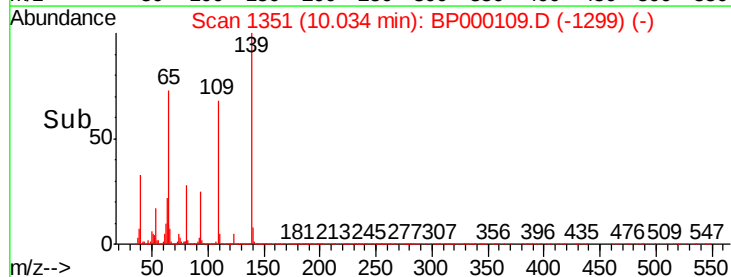
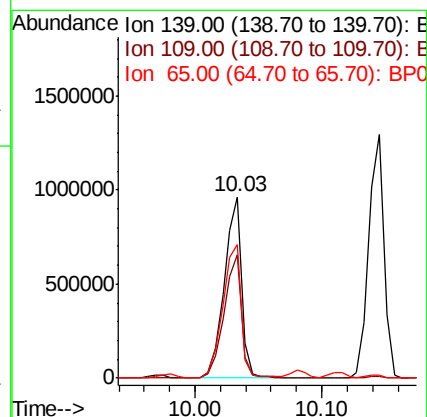
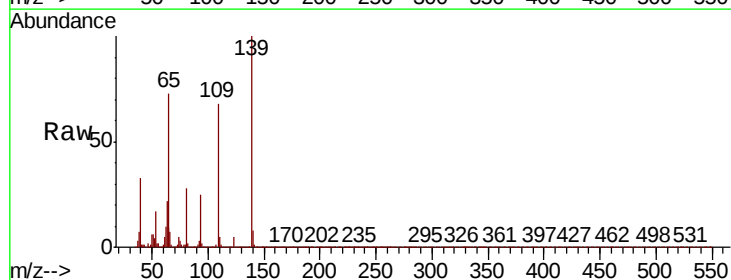
Tgt Ion:139 Resp: 928557

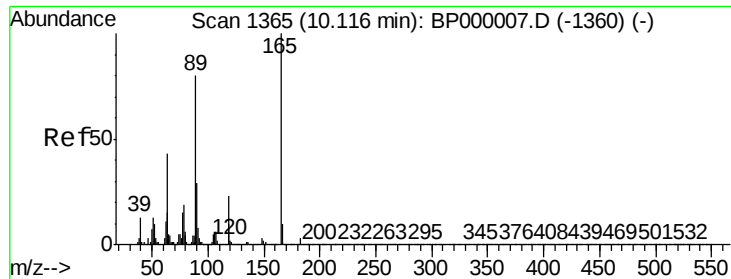
Ion Ratio Lower Upper

139 100

109 67.9 52.4 92.4

65 73.5 72.2 112.2





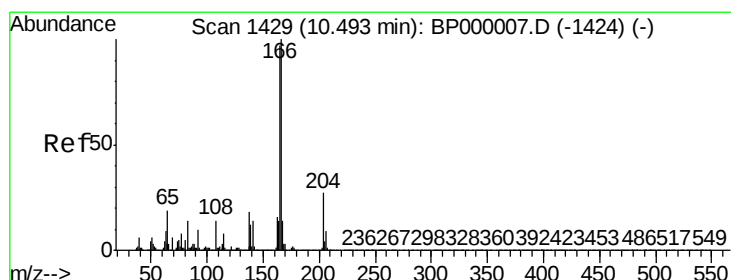
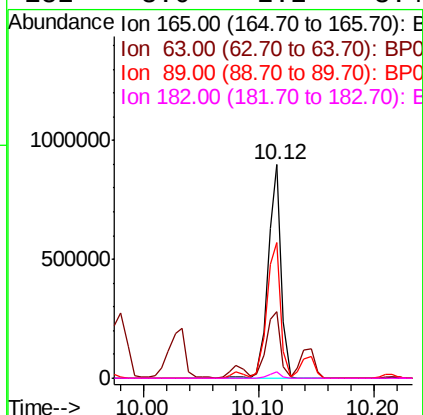
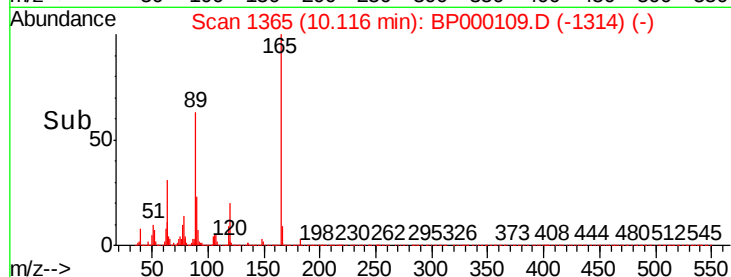
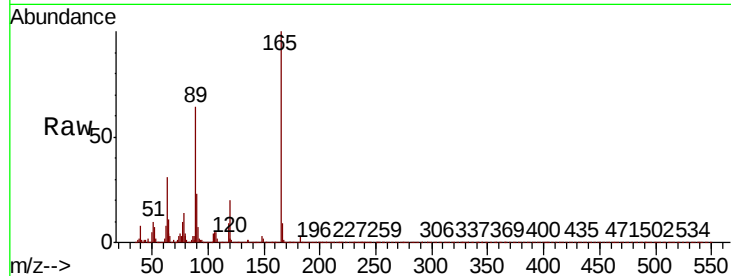
#57
2,4-Dinitrotoluene
Concen: 44.296 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Resp Lower	Upper
165	100		
63	31.0	34.4	51.6#
89	63.5	64.3	96.5#
182	3.0	2.2	3.4

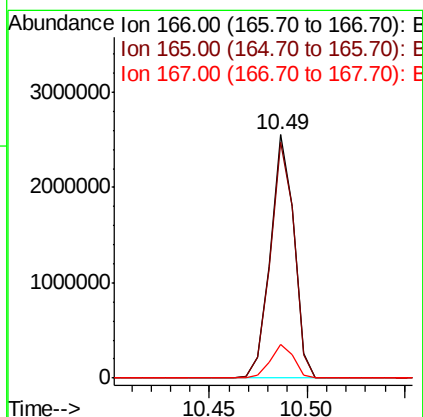
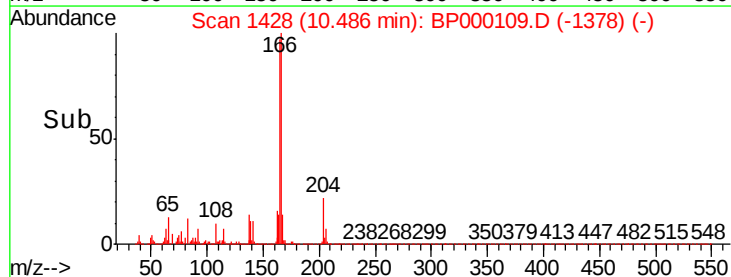
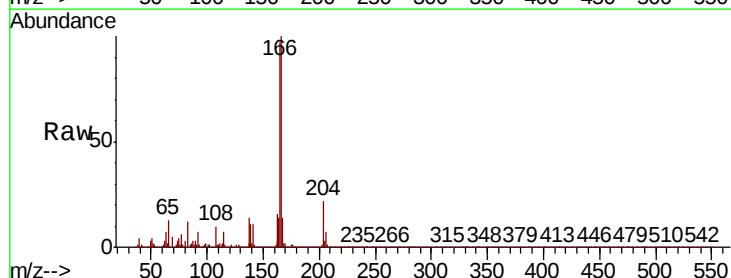
Manual Integrations
APPROVED

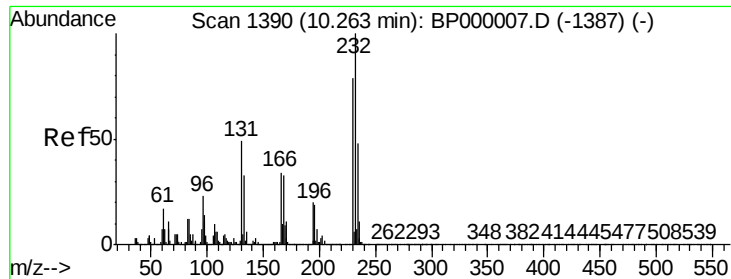
mohammad
9/10/2019 2:09:31 PM



#58
Fluorene
Concen: 42.034 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Resp Lower	Upper
166	100		
165	96.9	77.3	115.9
167	14.0	11.0	16.6





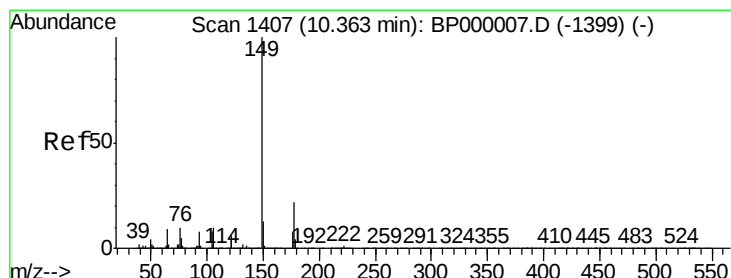
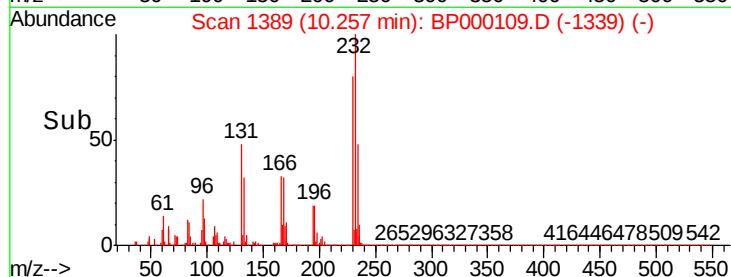
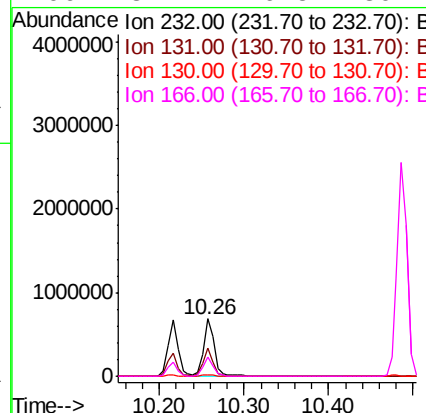
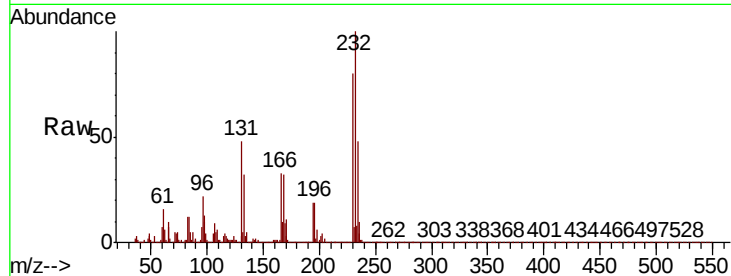
#59
2,3,4,6-Tetrachlorophenol
Concen: 43.908 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100			
131	45.5	39.3	58.9	
130	2.4	2.1	3.1	
166	31.1	26.5	39.7	

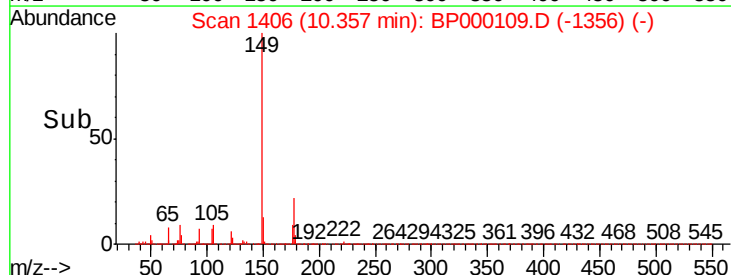
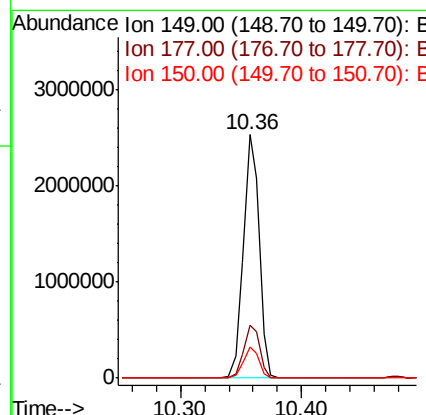
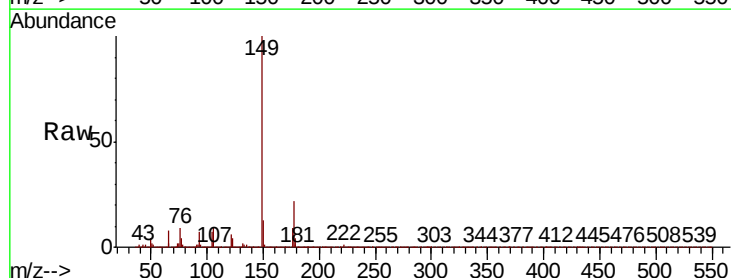
Manual Integrations
APPROVED

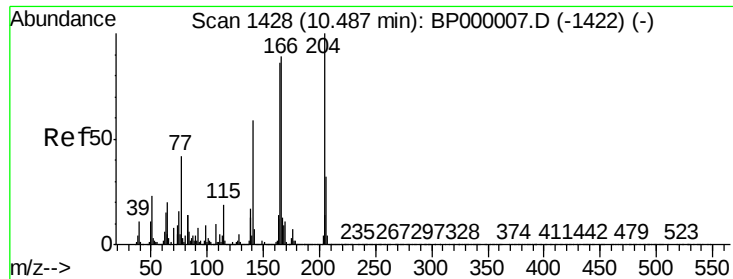
mohammad
9/10/2019 2:09:31 PM



#60
Diethylphthalate
Concen: 38.983 ng
RT: 10.36 min Scan# 1406
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
177	21.8	17.3	25.9	
150	12.7	10.3	15.5	





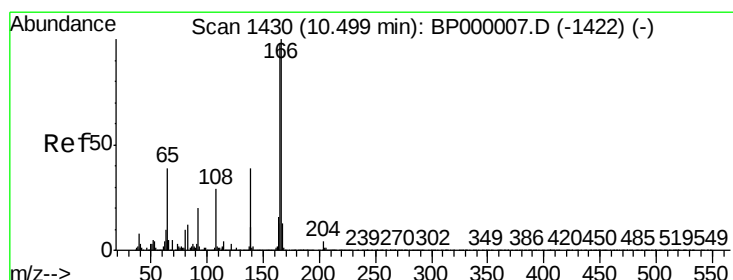
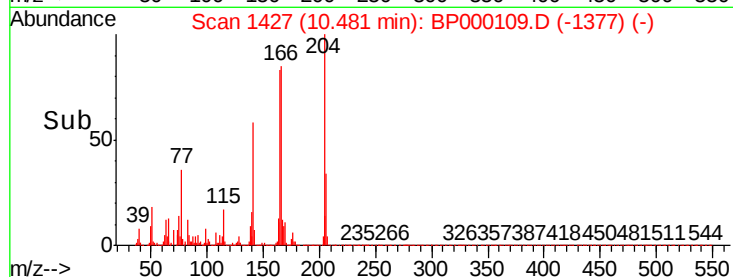
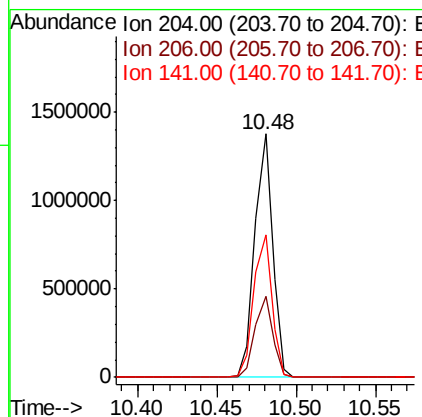
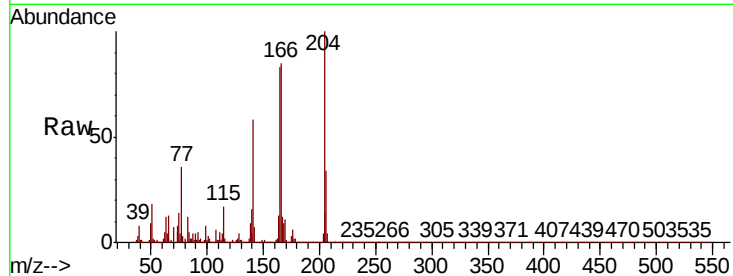
#61
4-Chlorophenyl-phenylether
Concen: 40.969 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.0	39.0
141	58.4	47.6	71.4

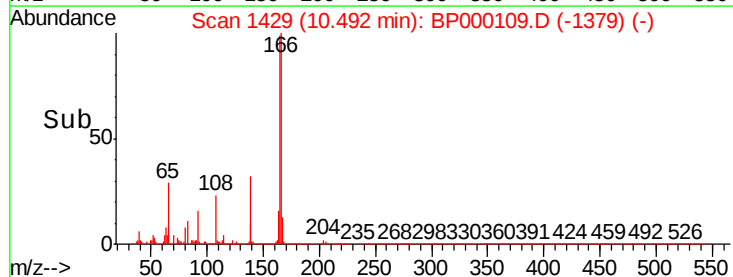
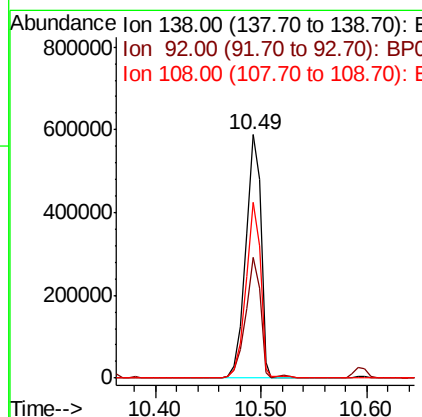
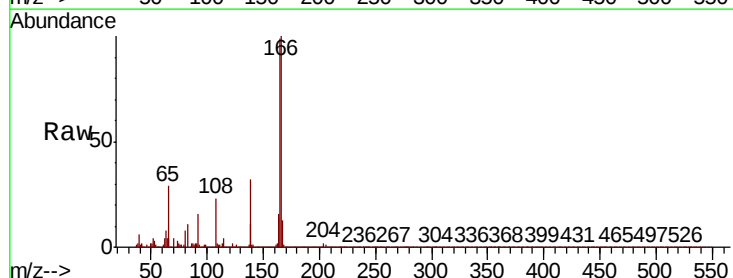
Manual Integrations
APPROVED

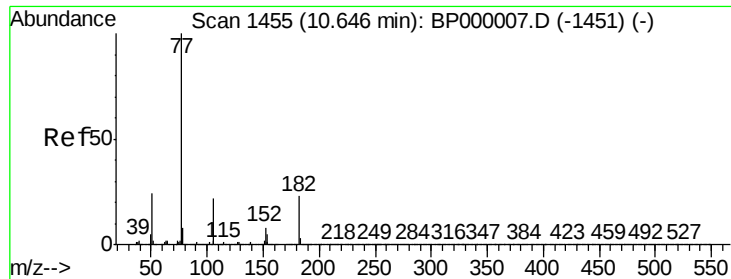
mohammad
9/10/2019 2:09:31 PM



#62
4-Nitroaniline
Concen: 40.118 ng
RT: 10.49 min Scan# 1429
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.8	32.8	72.8
108	72.1	55.7	95.7





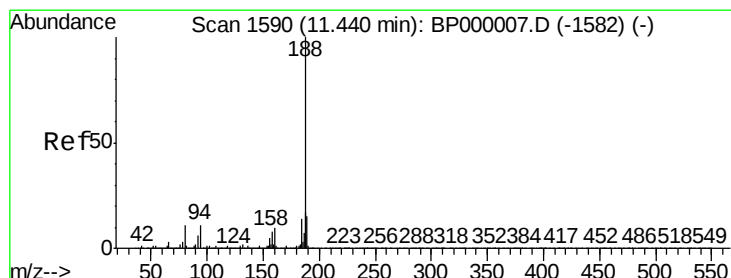
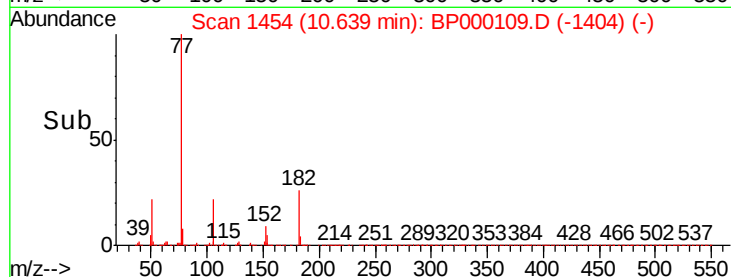
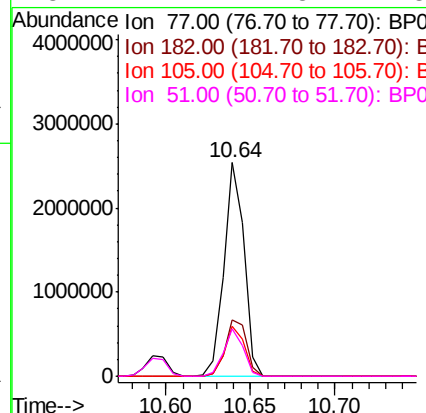
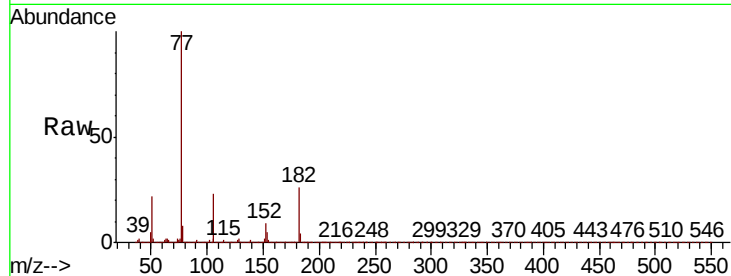
#63
Azobenzene
Concen: 37.076 ng
RT: 10.64 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.1	2.6	42.6
105	23.3	2.3	42.3
51	22.4	4.5	44.5

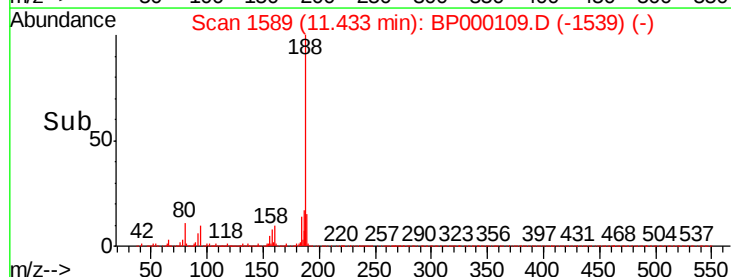
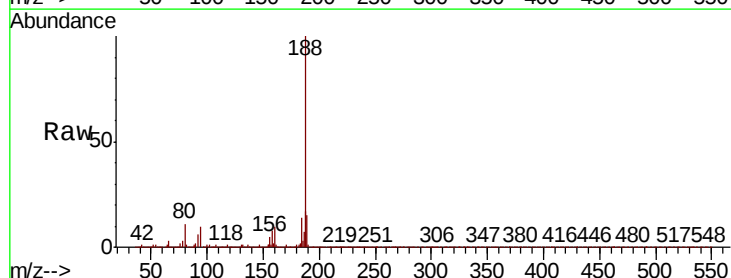
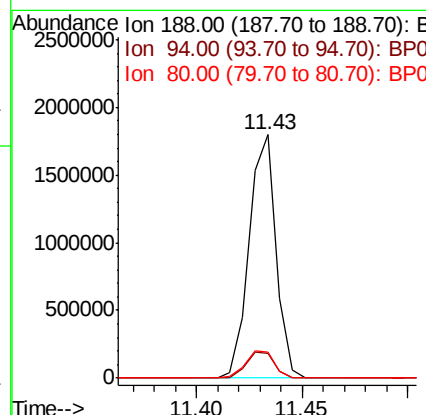
Manual Integrations
APPROVED

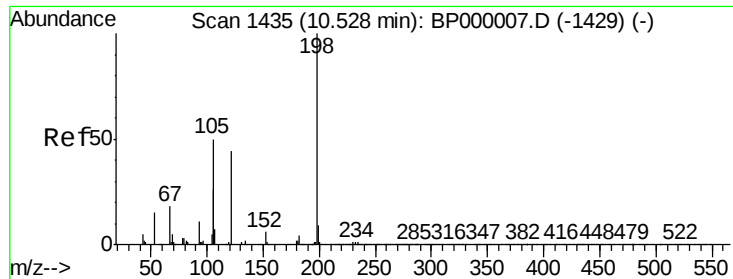
mohammad
9/10/2019 2:09:31 PM



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.8	13.2
80	10.6	9.0	13.6





#65

4,6-Dinitro-2-methylphenol

Concen: 45.315 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

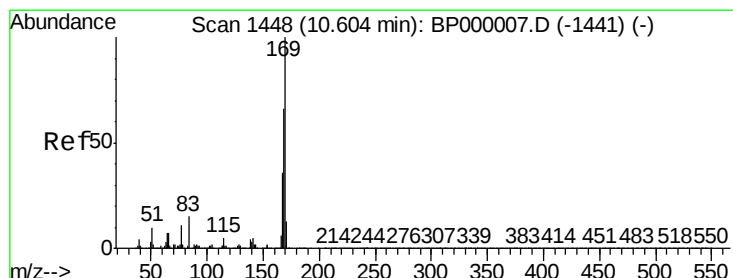
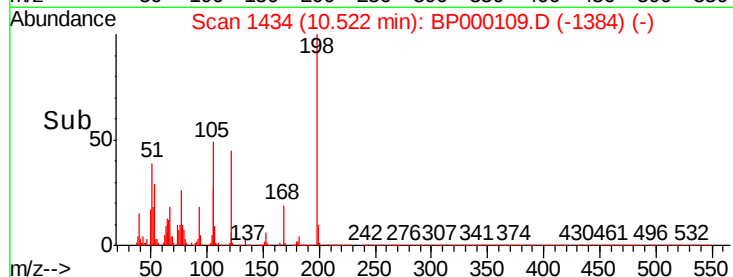
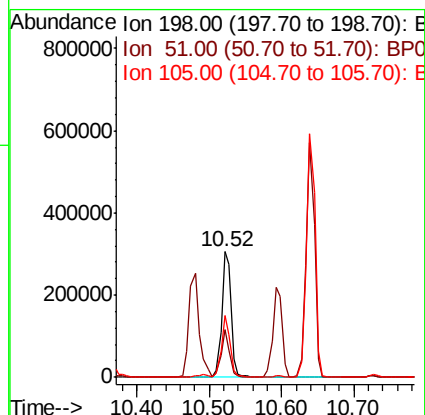
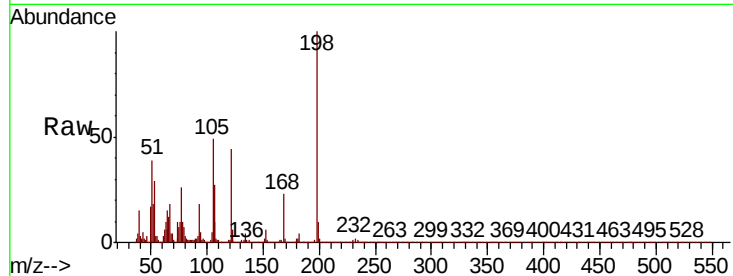
ClientSampleId :

FK-BPM-04-004-ABCDMSD

Tot Ion:	198	Resp:	273158
Ion Ratio	Lower	Upper	
198	100		
51	38.6	22.1	62.1
105	49.4	32.0	72.0

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:31 PM



#66

n-Nitrosodiphenylamine

Concen: 41.822 ng

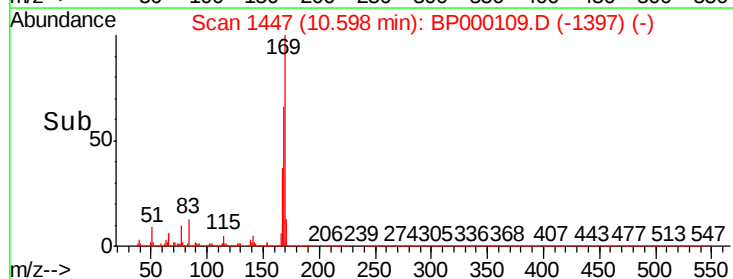
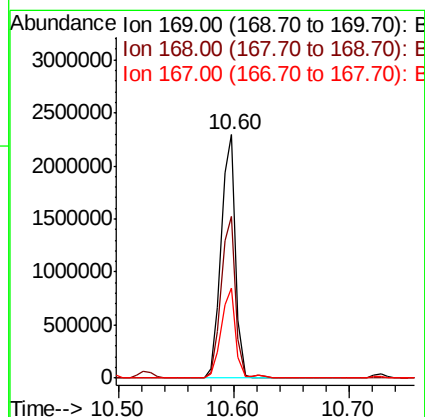
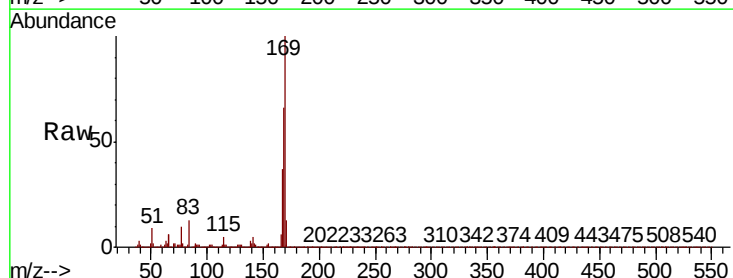
RT: 10.60 min Scan# 1447

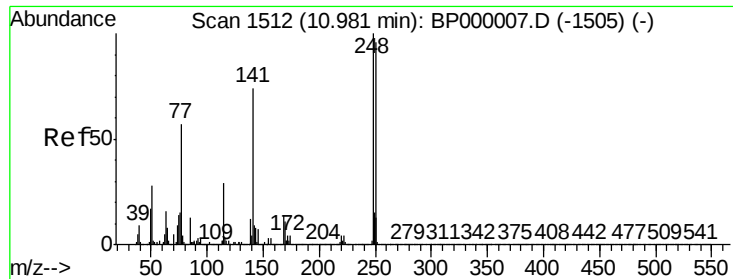
Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Tgt Ion:	169	Resp:	1968565
Ion Ratio	Lower	Upper	
169	100		
168	66.3	52.9	79.3
167	36.8	29.2	43.8





#67

4-Bromophenyl-phenylether

Concen: 40.907 ng

RT: 10.97 min Scan# 1511

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

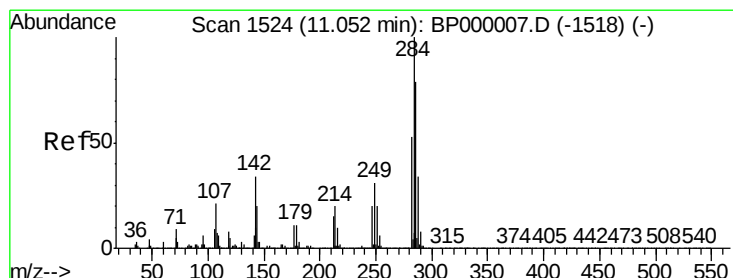
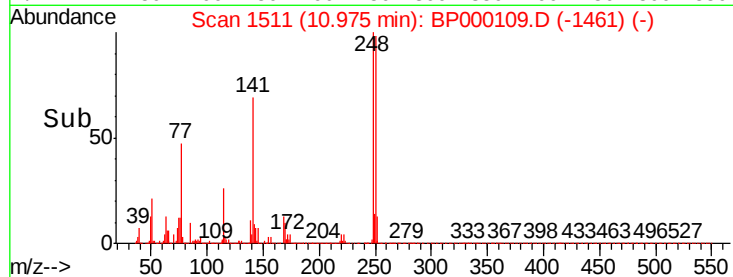
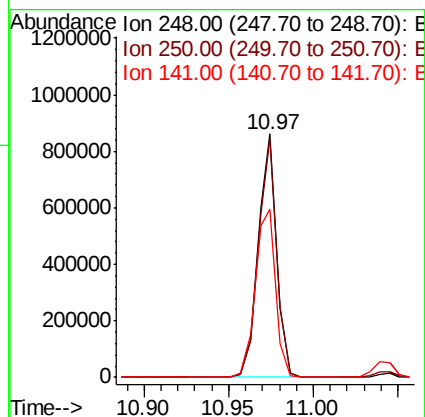
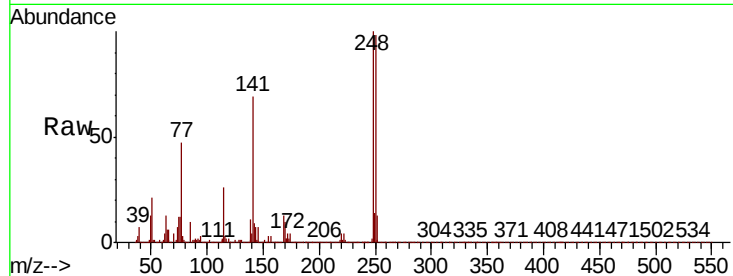
ClientSampleId :

FK-BPM-04-004-ABCDMSD

Tot Ion:	248	Resp:	658658
Ion Ratio	Lower	Upper	
248	100		
250	97.9	77.1	115.7
141	69.2	59.5	89.3

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:31 PM



#68

Hexachlorobenzene

Concen: 40.577 ng

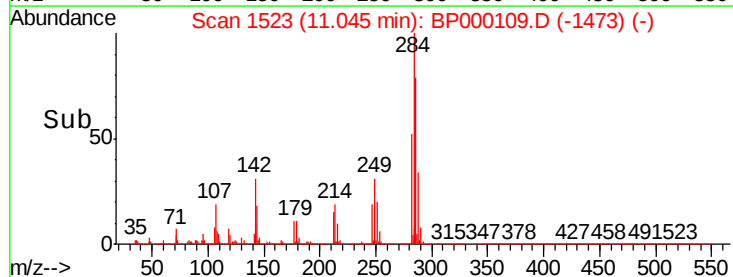
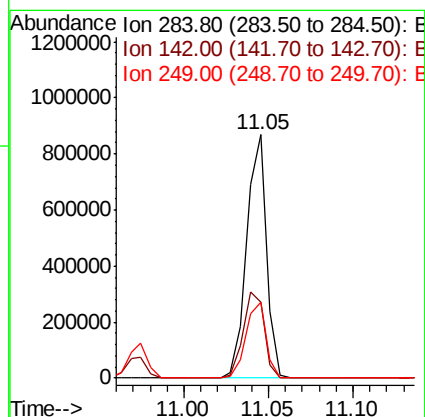
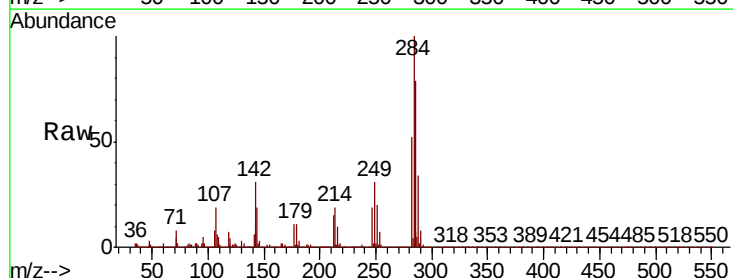
RT: 11.05 min Scan# 1523

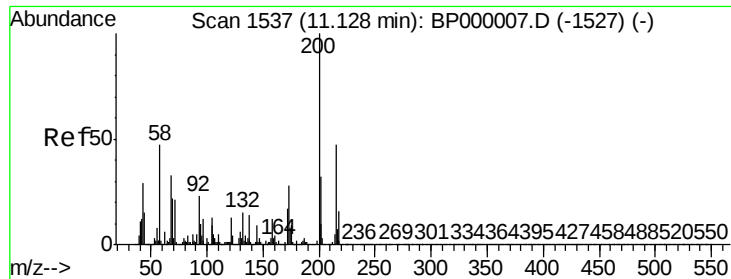
Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Tgt Ion:	284	Resp:	711889
Ion Ratio	Lower	Upper	
284	100		
142	31.2	27.0	40.4
249	31.0	24.9	37.3





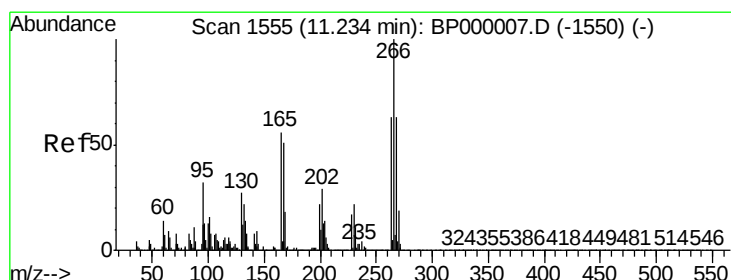
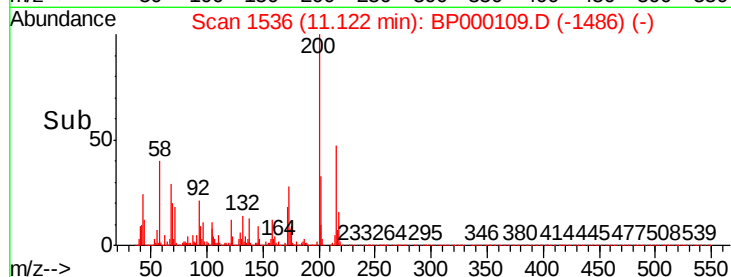
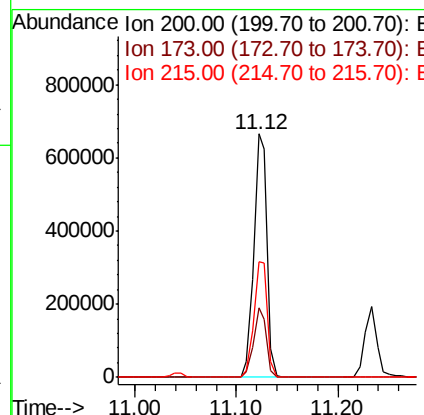
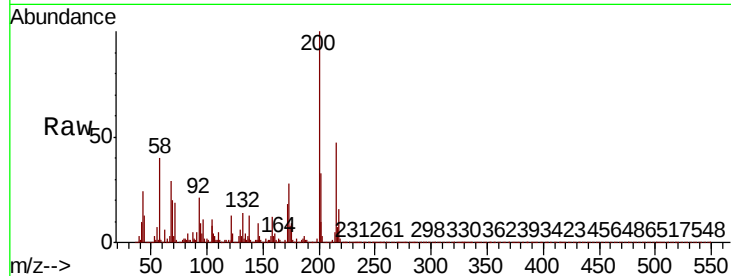
#69
Atrazine
Concen: 48.544 ng
RT: 11.12 min Scan# 1536
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	28.4	8.1	48.1
215	47.3	26.7	66.7

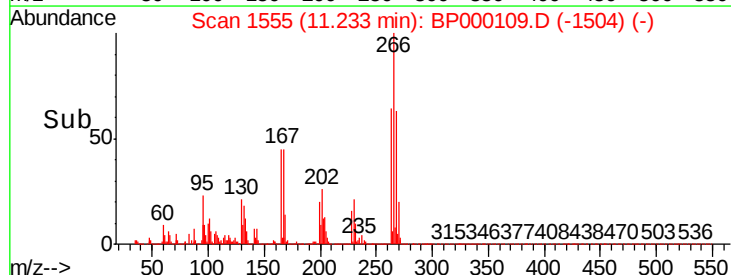
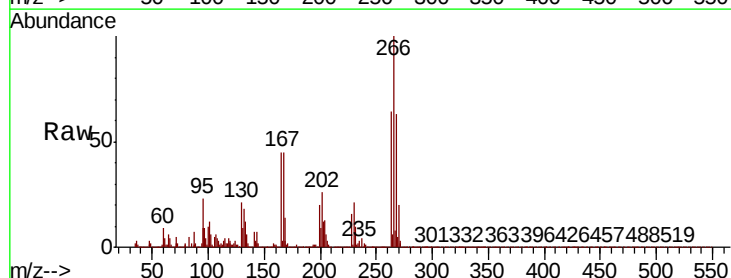
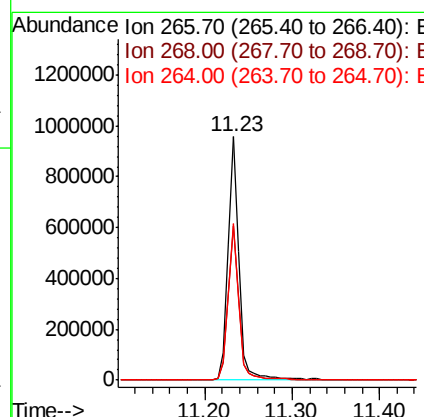
Manual Integrations
APPROVED

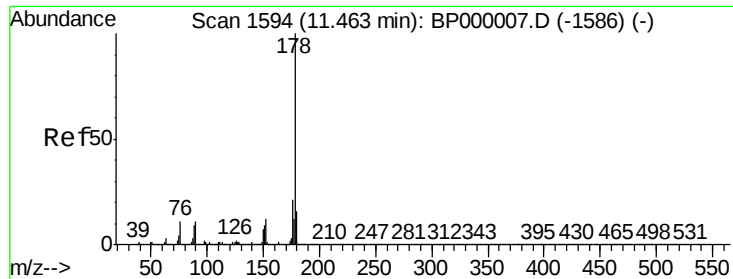
mohammad
9/10/2019 2:09:31 PM



#70
Pentachlorophenol
Concen: 88.645 ng
RT: 11.23 min Scan# 1555
Delta R.T. -0.00 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	63.4	50.1	75.1
264	64.4	50.6	76.0





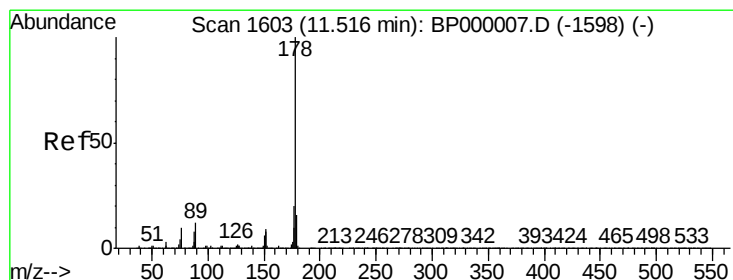
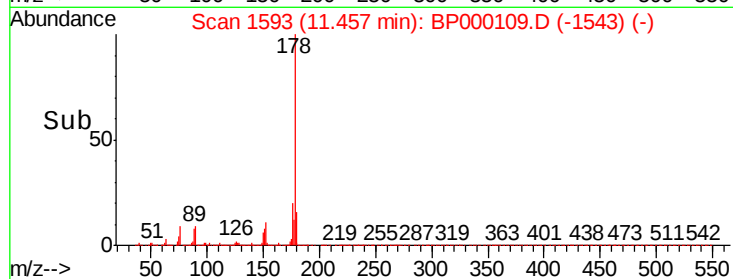
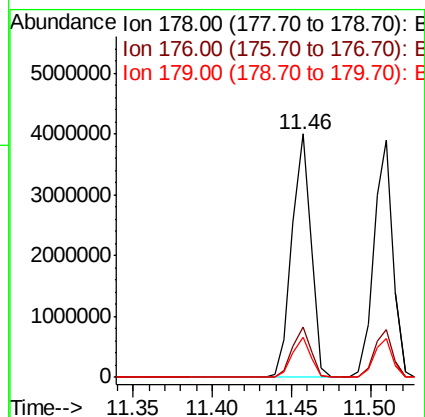
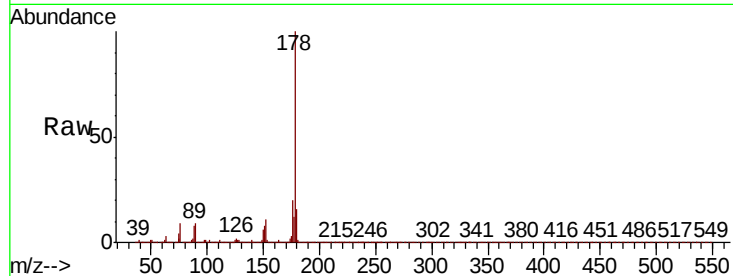
#71
Phenanthrene
Concen: 42.161 ng
RT: 11.46 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.5	16.7	25.1	
179	16.2	13.1	19.7	

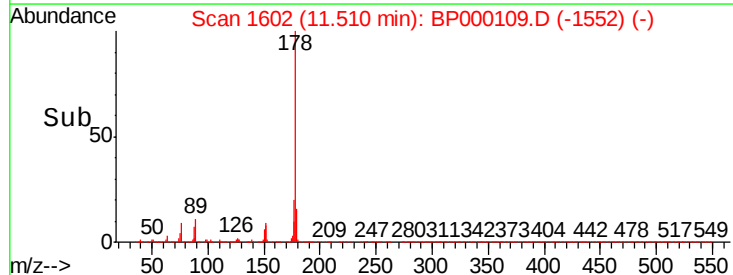
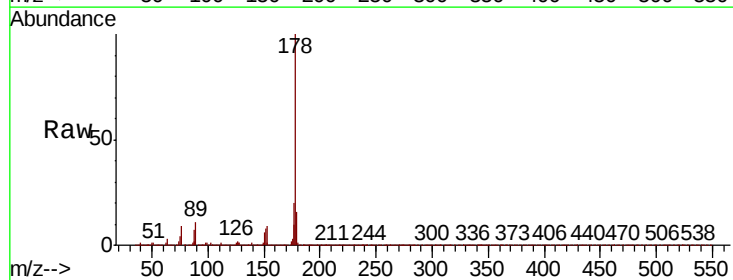
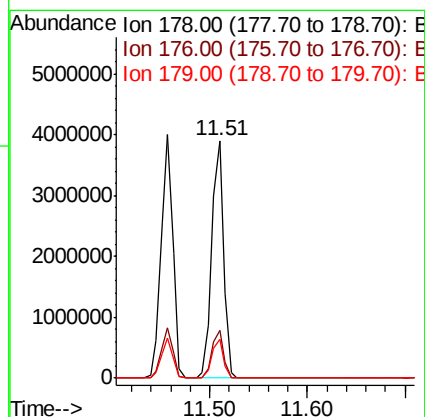
Manual Integrations
APPROVED

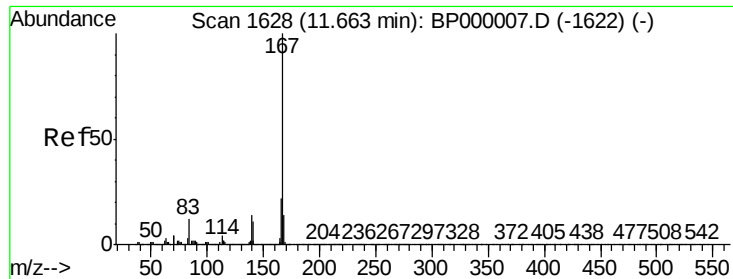
mohammad
9/10/2019 2:09:31 PM



#72
Anthracene
Concen: 42.403 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ion	Ratio	Lower	Upper
178	100			
176	20.0	15.9	23.9	
179	16.1	13.0	19.6	





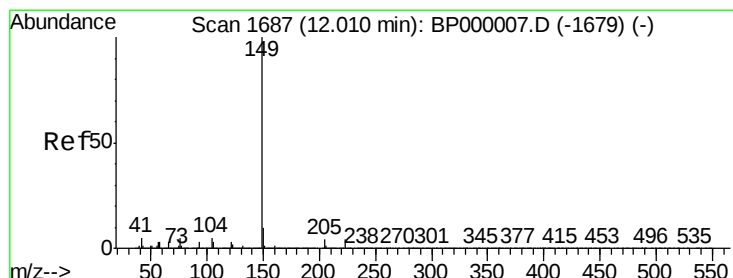
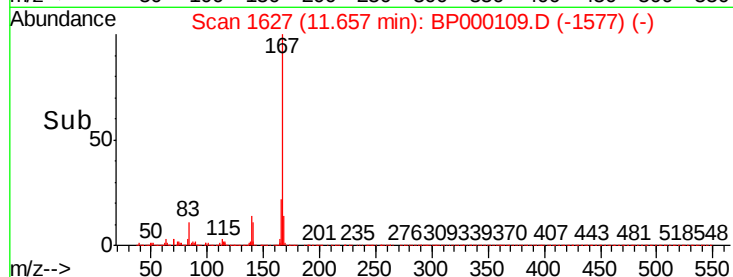
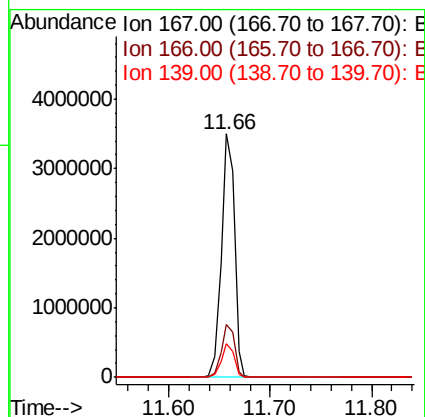
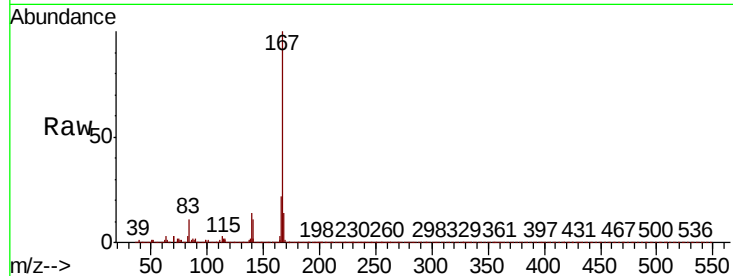
#73
 Carbazole
 Concen: 42.452 ng
 RT: 11.66 min Scan# 1627
 Delta R.T. -0.01 min
 Lab File: BP000109.D
 Acq: 08 Sep 2019 23:29

Instrument :
 BNA_P
 ClientSampleId :
 FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.9	26.9
139	13.9	11.4	17.2

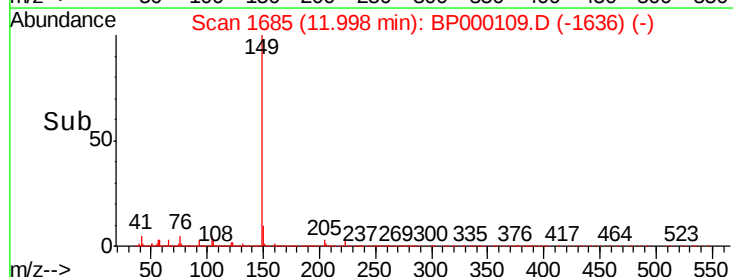
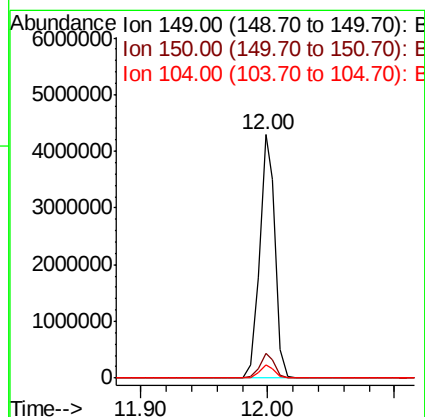
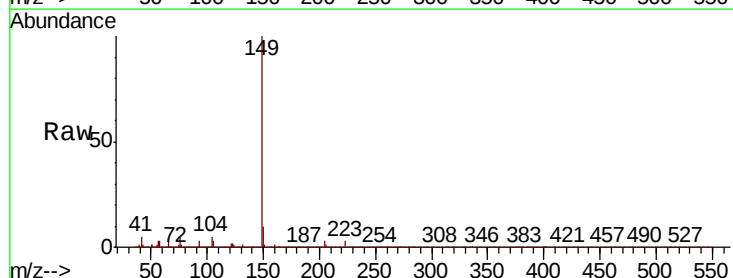
Manual Integrations
 APPROVED

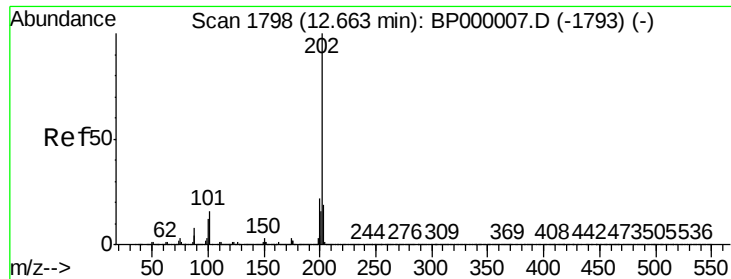
mohammad
 9/10/2019 2:09:31 PM



#74
 Di-n-butylphthalate
 Concen: 40.850 ng
 RT: 12.00 min Scan# 1685
 Delta R.T. -0.01 min
 Lab File: BP000109.D
 Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	8.0	12.0
104	5.4	4.4	6.6





#75

Fluoranthene

Concen: 42.946 ng

RT: 12.66 min Scan# 1797

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

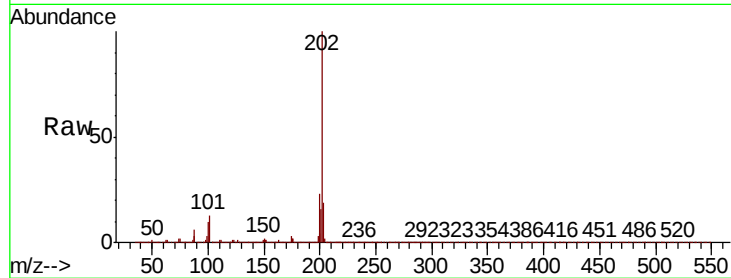
ClientSampleId :

FK-BPM-04-004-ABCDMSD

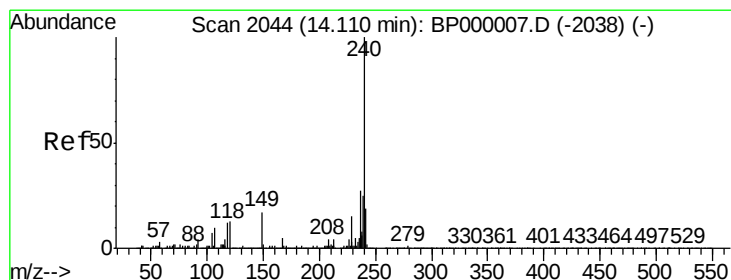
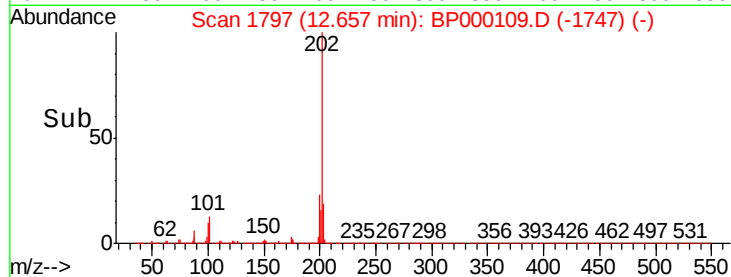
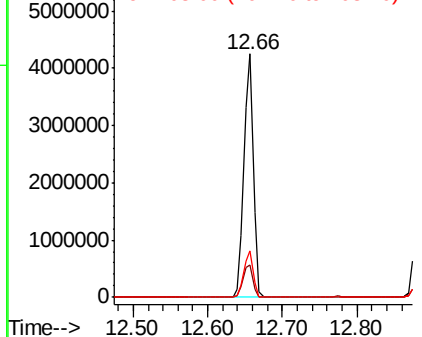
Tot Ion:	202	Resp:	3685280
Ion	Ratio	Lower	Upper
202	100		
101	13.1	0.0	36.4
203	18.9	0.0	38.7

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:31 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

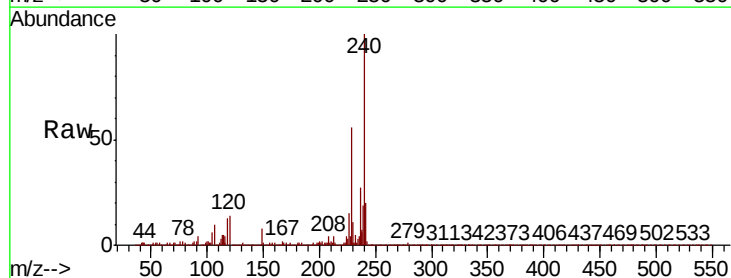
RT: 14.10 min Scan# 2042

Delta R.T. -0.01 min

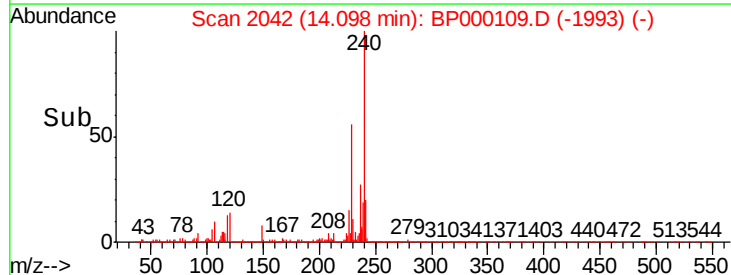
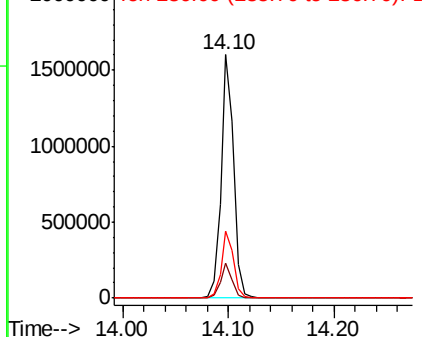
Lab File: BP000109.D

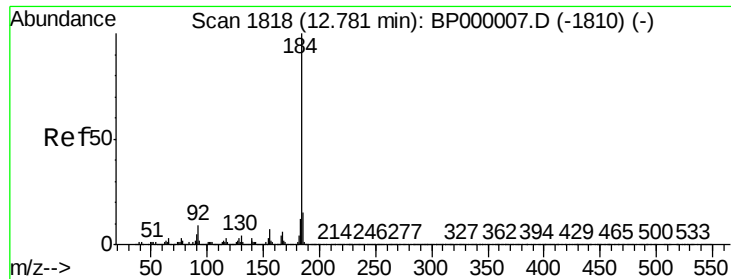
Acq: 08 Sep 2019 23:29

Tgt Ion:	240	Resp:	1336869
Ion	Ratio	Lower	Upper
240	100		
120	14.5	10.5	15.7
236	27.3	21.5	32.3



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





#77

Benzidine

Concen: 47.397 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

ClientSampleId :

FK-BPM-04-004-ABCDMSD

Tot Ion:184 Resp: 2186177

Ion Ratio Lower Upper

184 100

185 16.4 11.8 17.8

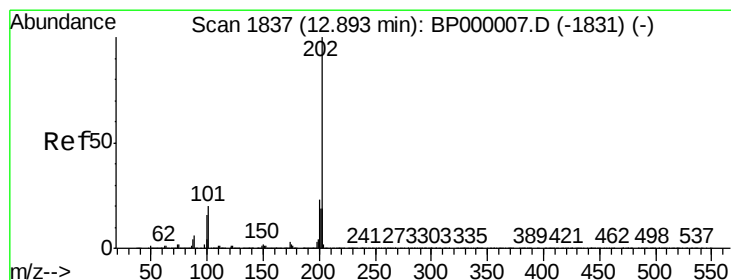
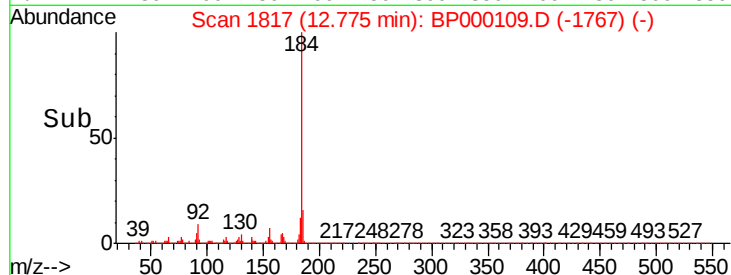
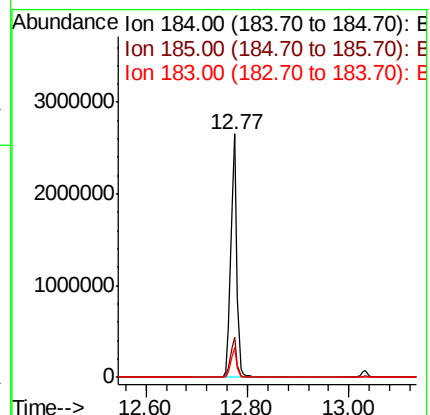
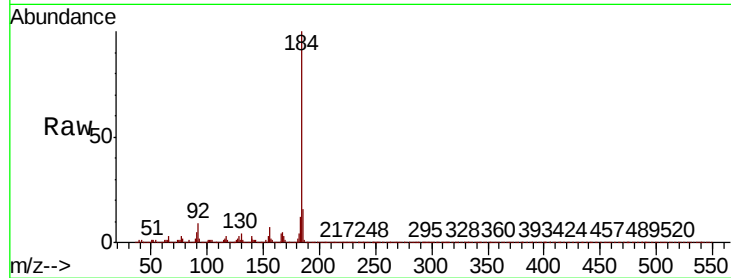
183 12.3 9.4 14.0

Manual Integrations

APPROVED

mohammad

9/10/2019 2:09:31 PM



#78

Pyrene

Concen: 38.194 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

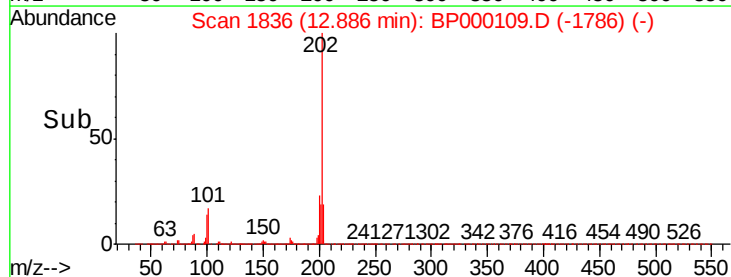
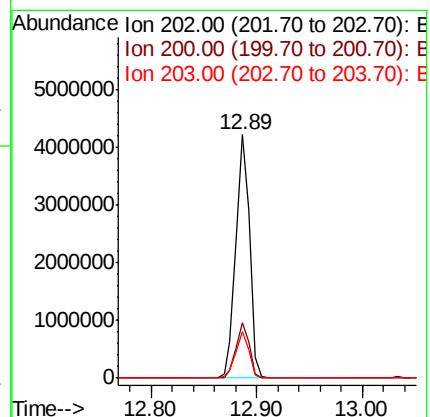
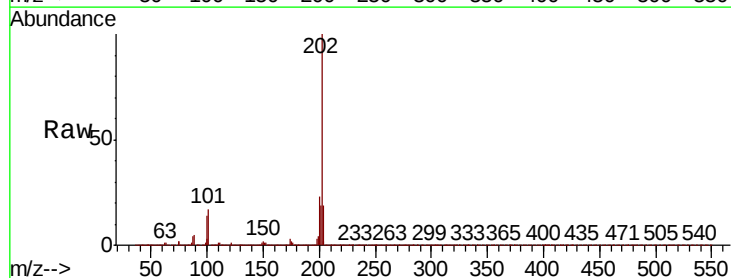
Tgt Ion:202 Resp: 3756388

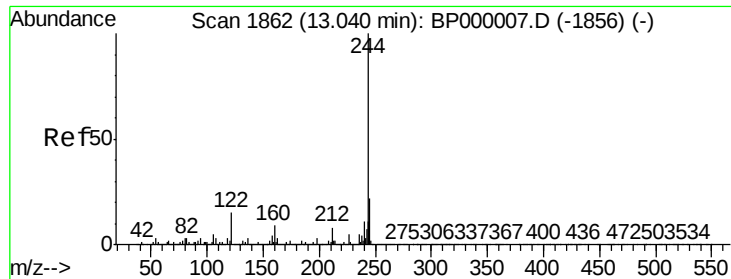
Ion Ratio Lower Upper

202 100

200 23.0 18.5 27.7

203 19.1 15.1 22.7





#79

Terphenyl-d14

Concen: 66.978 ng

RT: 13.03 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

ClientSampleId :

FK-BPM-04-004-ABCDMSD

Tot Ion:244 Resp: 4108138

Ion Ratio Lower Upper

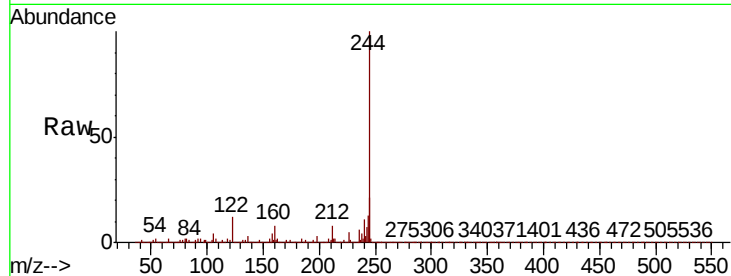
244 100

212 8.2 6.6 10.0

122 12.0 12.3 18.5#

Manual Integrations
APPROVED

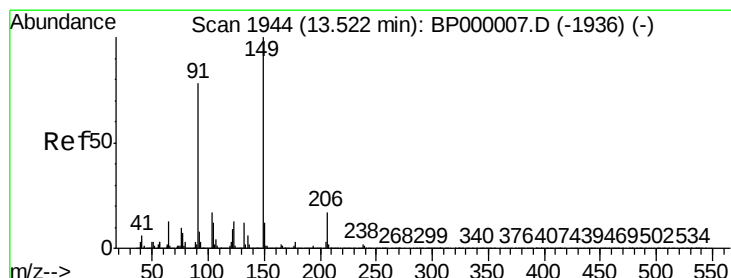
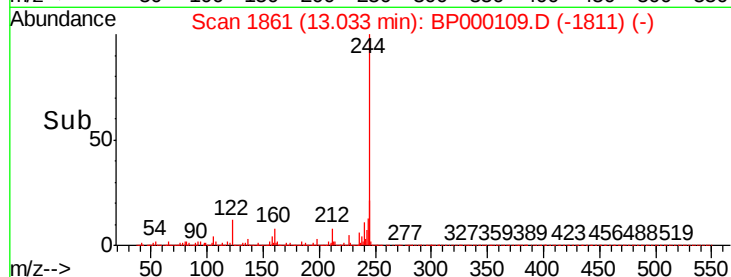
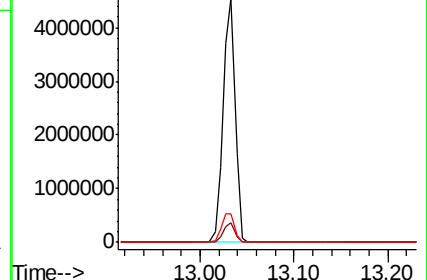
mohammad
9/10/2019 2:09:31 PM



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



#80

Butylbenzylphthalate

Concen: 37.449 ng

RT: 13.52 min Scan# 1943

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

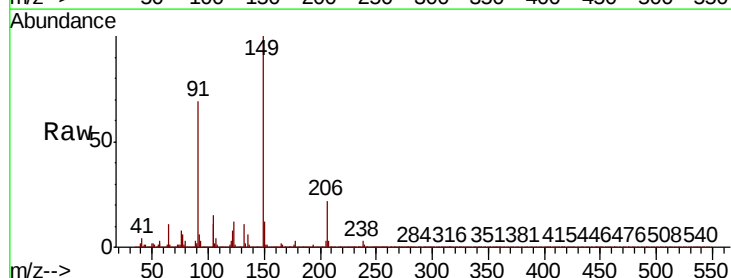
Tgt Ion:149 Resp: 1641014

Ion Ratio Lower Upper

149 100

91 68.8 62.7 94.1

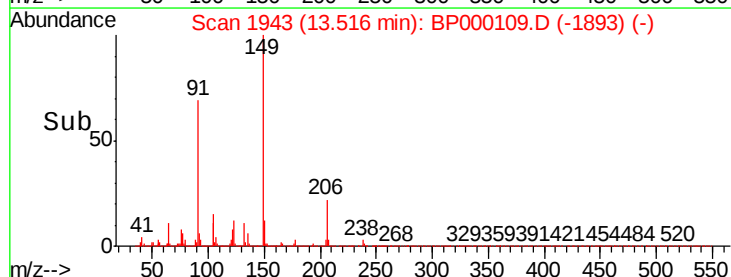
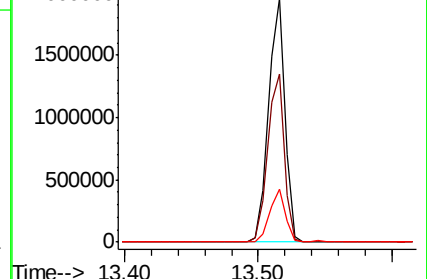
206 21.6 13.8 20.6#

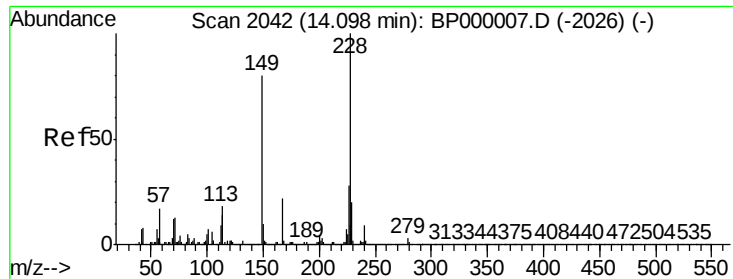


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BP0

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 38.473 ng

RT: 14.09 min Scan# 2040

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

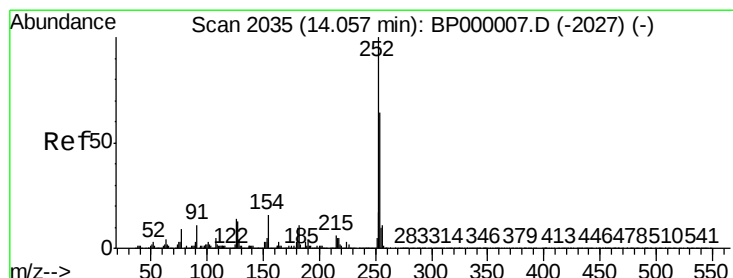
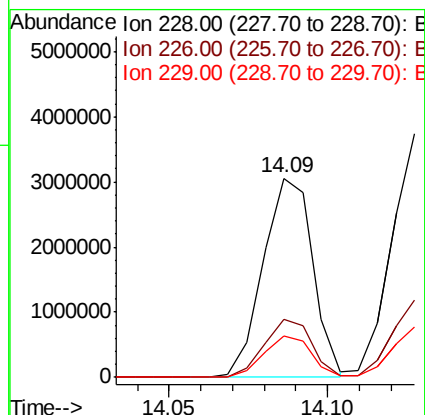
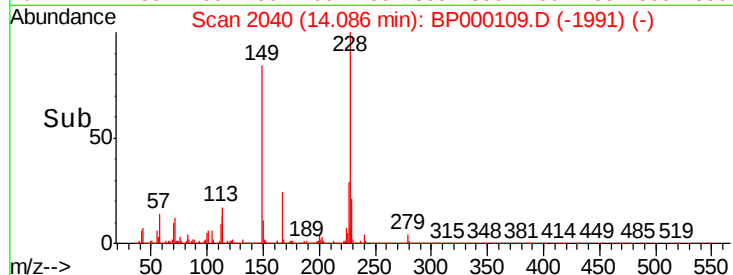
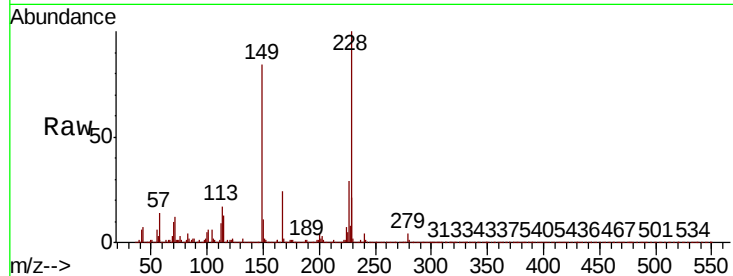
ClientSampleId :

FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.1	22.5	33.7
229	20.6	16.2	24.2

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:31 PM



#82

3,3'-Dichlorobenzidine

Concen: 22.254 ng

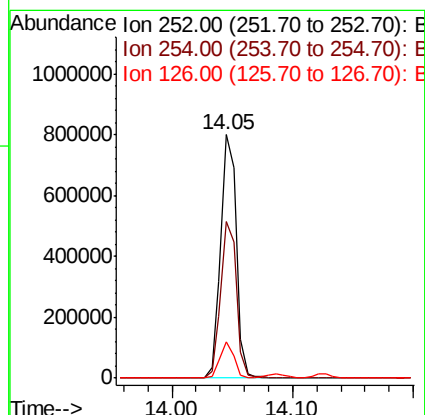
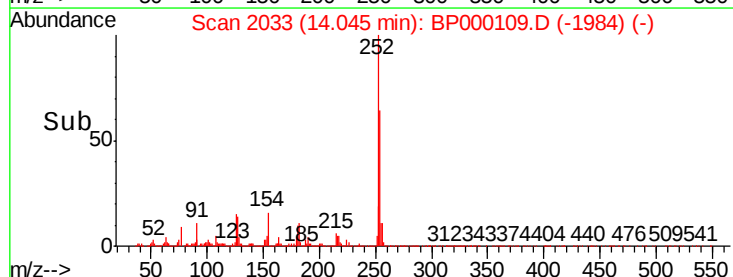
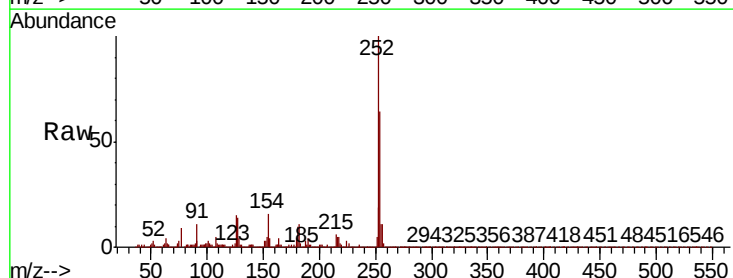
RT: 14.05 min Scan# 2033

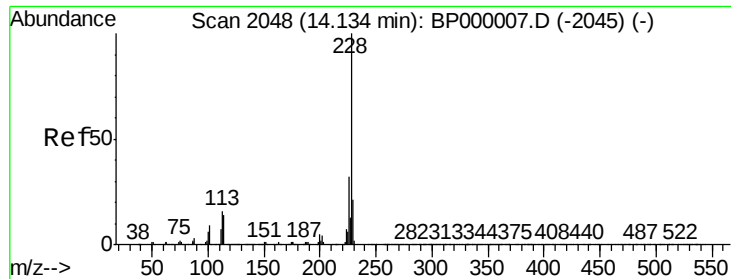
Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.2	51.4	77.0
126	15.1	11.1	16.7





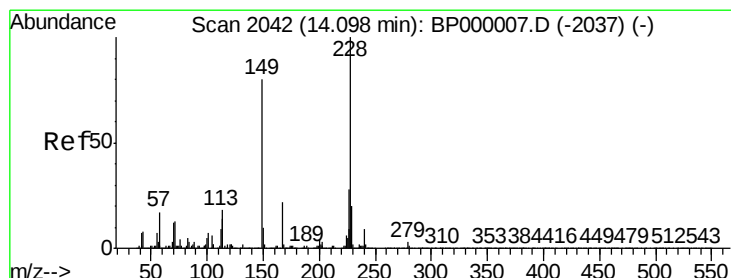
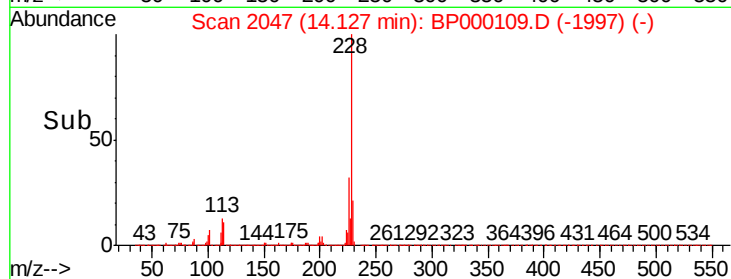
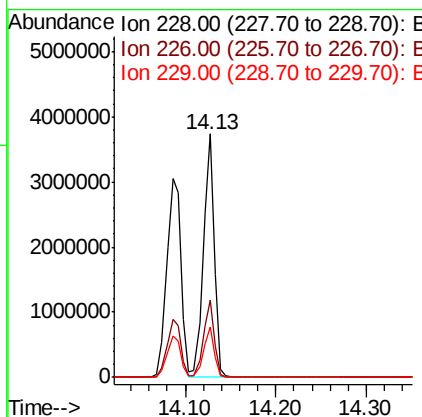
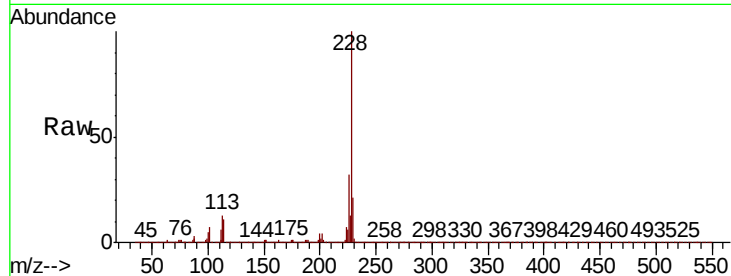
#83
 Chrysene
 Concen: 38.616 ng
 RT: 14.13 min Scan# 2047
 Delta R.T. -0.01 min
 Lab File: BP000109.D
 Acq: 08 Sep 2019 23:29

Instrument :
 BNA_P
 ClientSampleId :
 FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.5	38.3
229	20.6	16.5	24.7

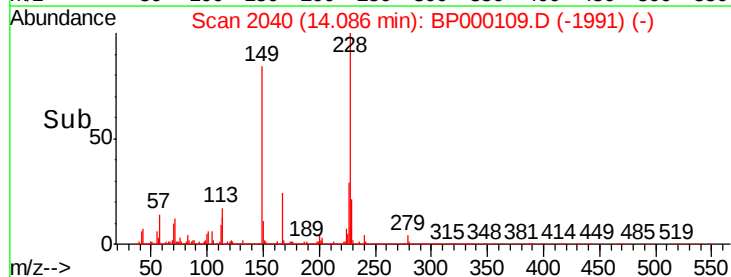
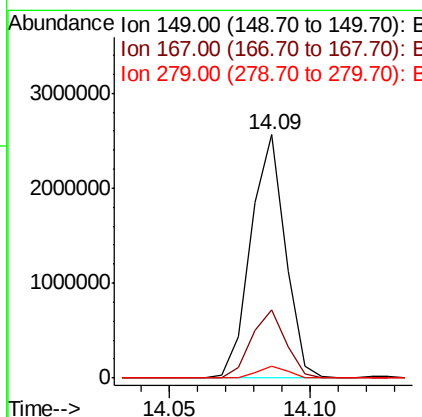
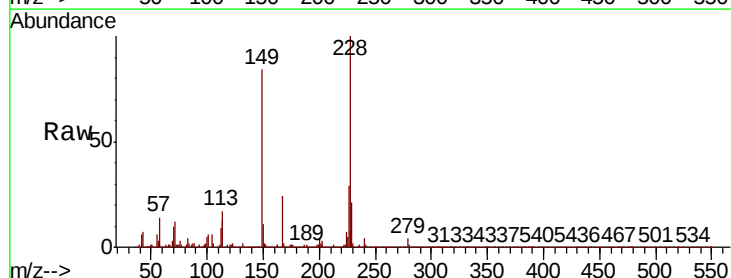
Manual Integrations
 APPROVED

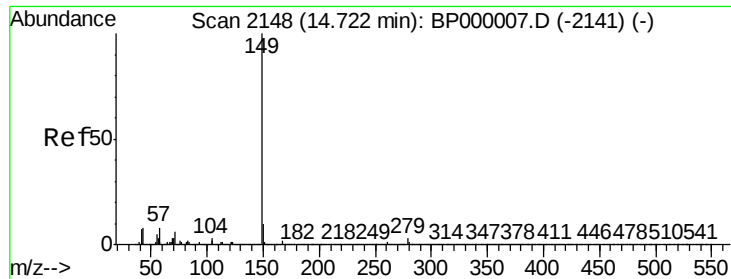
mohammad
 9/10/2019 2:09:31 PM



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.993 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BP000109.D
 Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.4	33.6
279	4.9	3.1	4.7





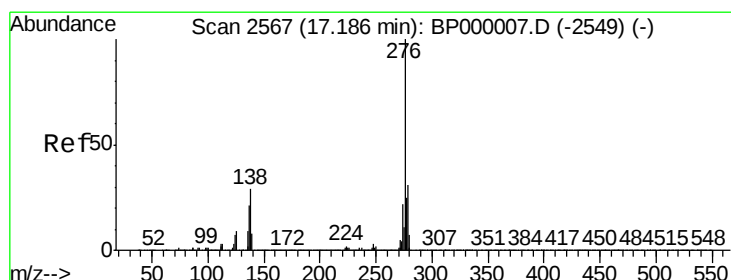
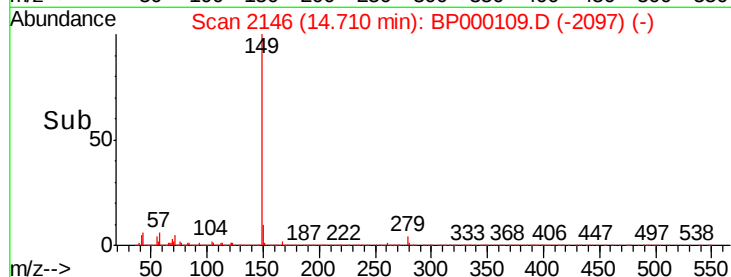
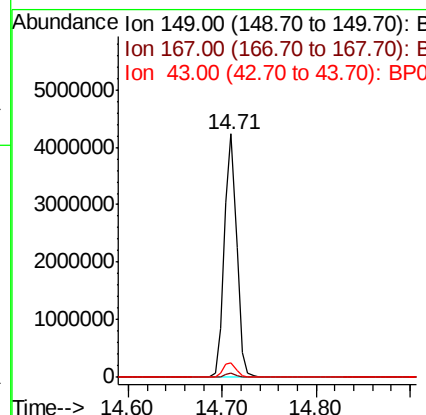
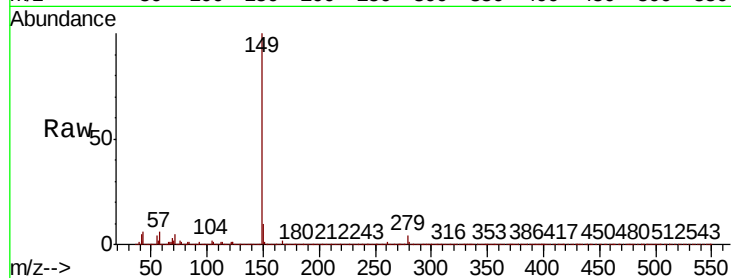
#85
Di-n-octyl phthalate
Concen: 38.837 ng
RT: 14.71 min Scan# 2146
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	6.5	6.5	9.7

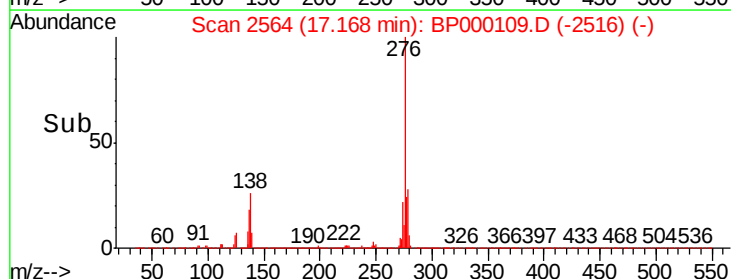
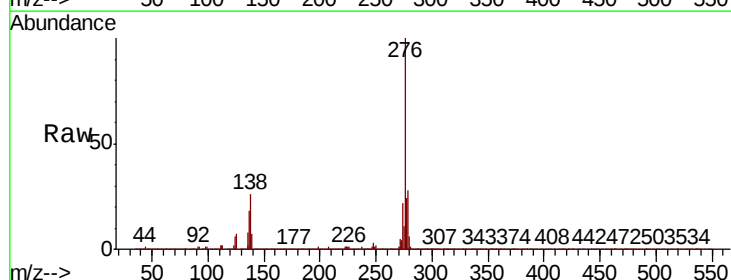
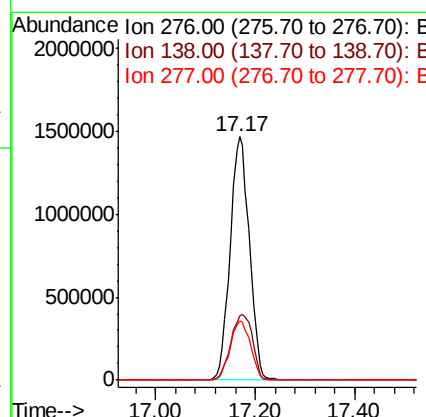
Manual Integrations
APPROVED

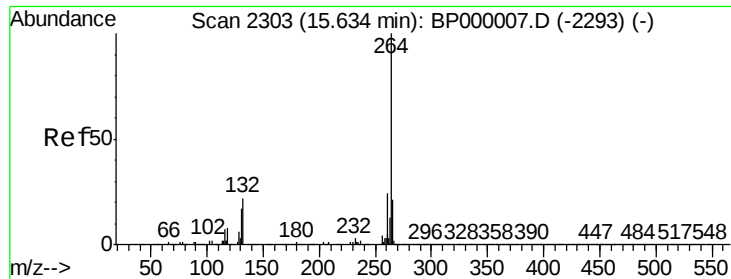
mohammad
9/10/2019 2:09:31 PM



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.547 ng
RT: 17.17 min Scan# 2564
Delta R.T. -0.02 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.3	26.5	39.7
277	25.6	20.3	30.5





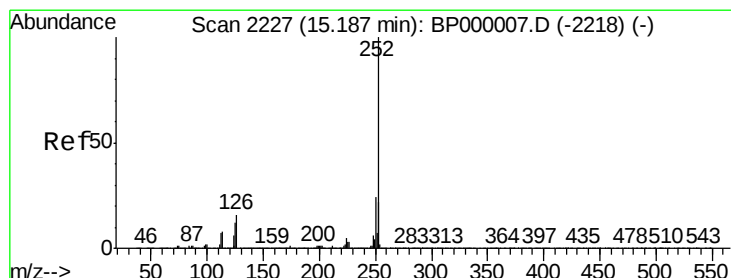
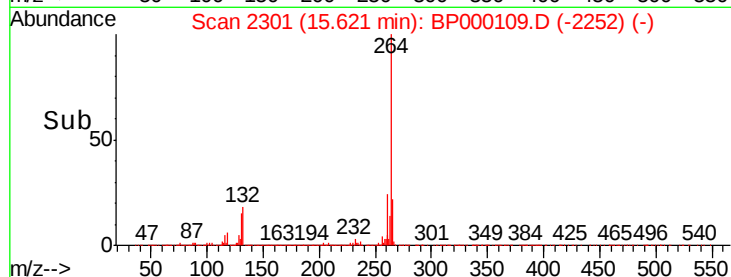
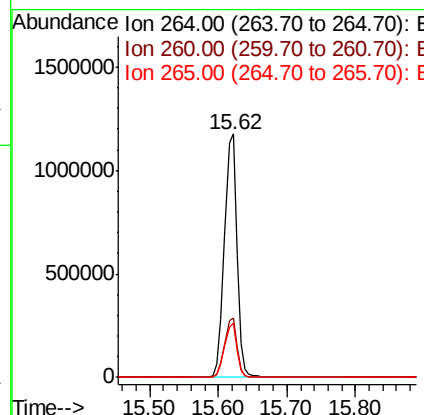
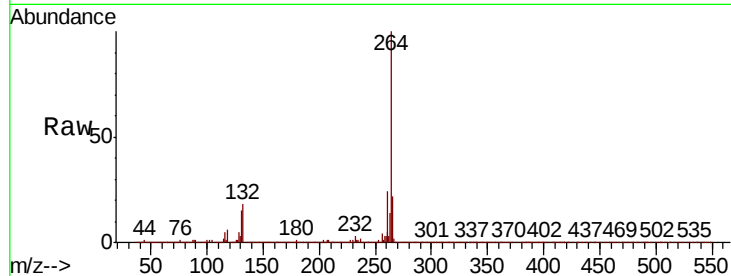
#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.1	28.7
265	22.0	17.1	25.7

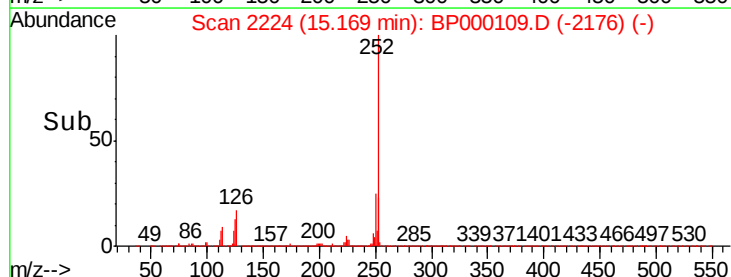
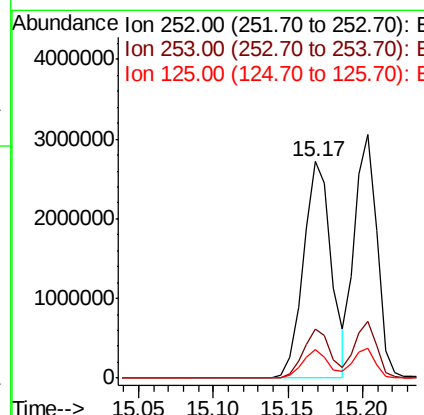
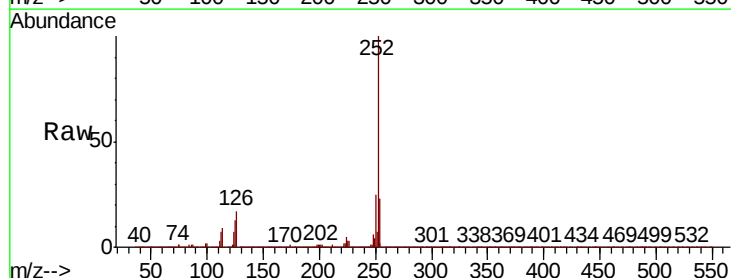
Manual Integrations
APPROVED

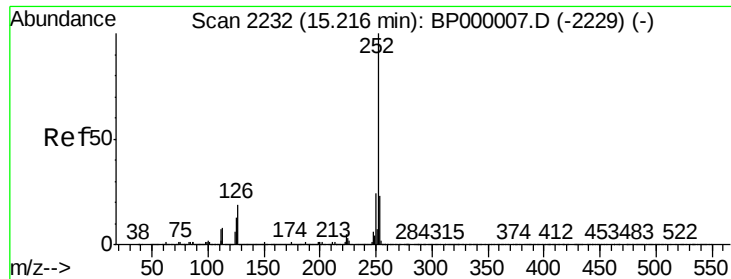
mohammad
9/10/2019 2:09:31 PM



#88
Benzo(b)fluoranthene
Concen: 39.116 ng
RT: 15.17 min Scan# 2224
Delta R.T. -0.02 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.6
125	13.2	9.4	14.2





#89

Benzo(k)fluoranthene

Concen: 39.537 ng

RT: 15.20 min Scan# 2230

Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Instrument :

BNA_P

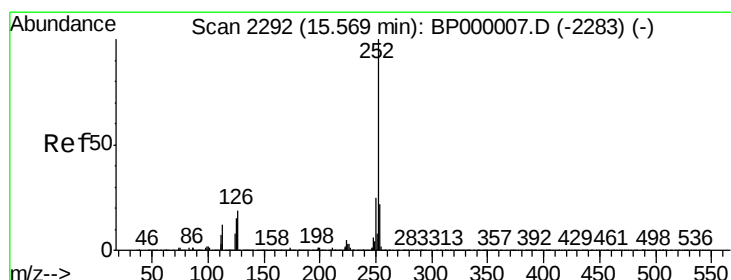
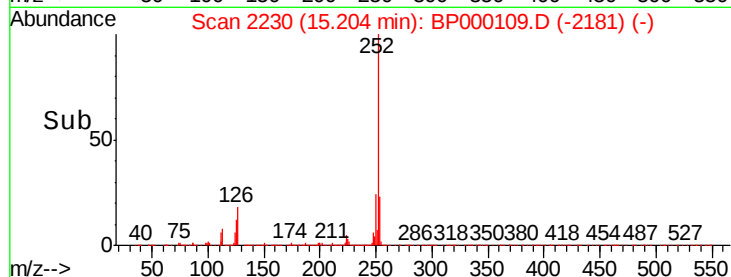
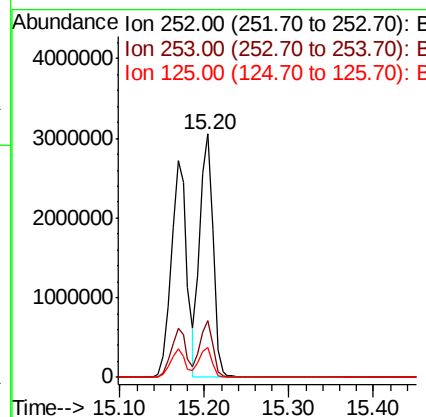
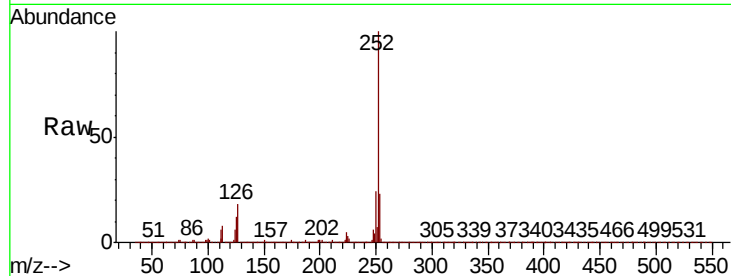
ClientSampleId :

FK-BPM-04-004-ABCDMSD

Tot Ion:	252	Resp:	3266285
Ion Ratio	Lower	Upper	
252	100		
253	23.2	18.0	27.0
125	12.4	10.3	15.5

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:31 PM



#90

Benzo(a)pyrene

Concen: 41.143 ng

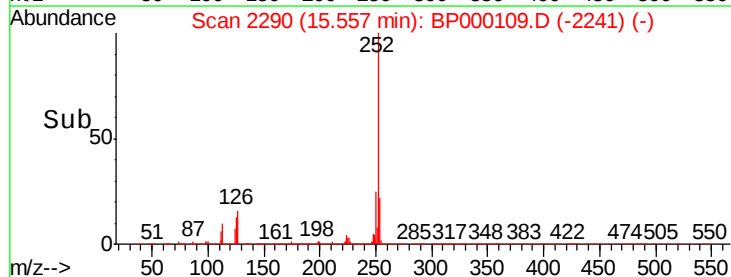
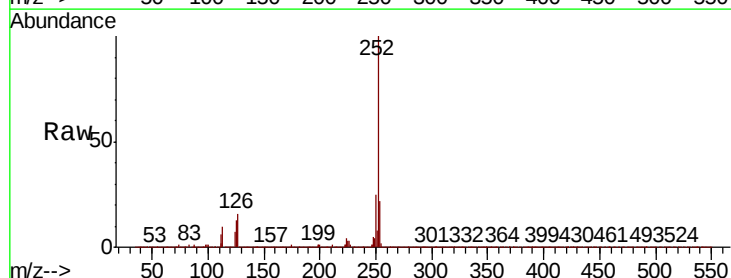
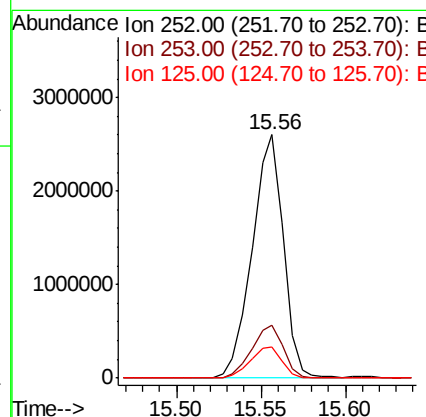
RT: 15.56 min Scan# 2290

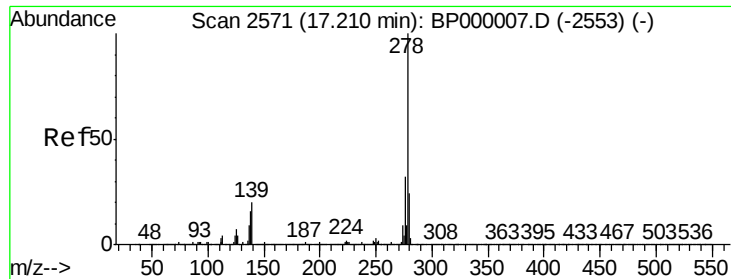
Delta R.T. -0.01 min

Lab File: BP000109.D

Acq: 08 Sep 2019 23:29

Tgt Ion:	252	Resp:	3352873
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.5	26.3
125	12.9	11.7	17.5





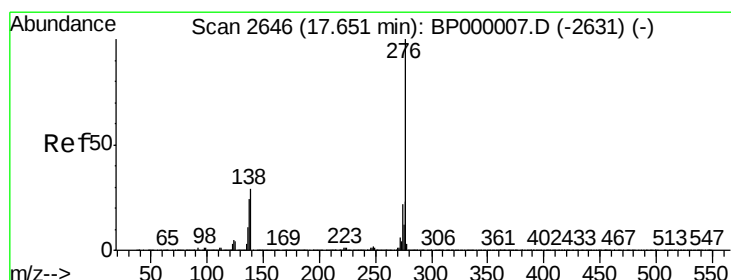
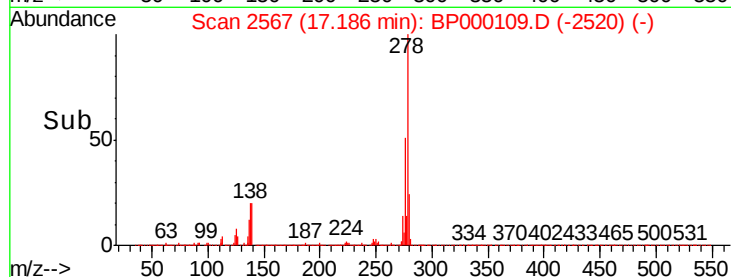
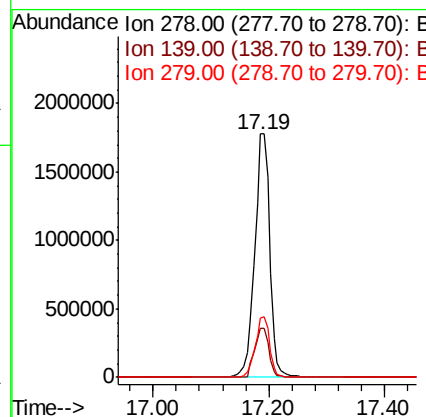
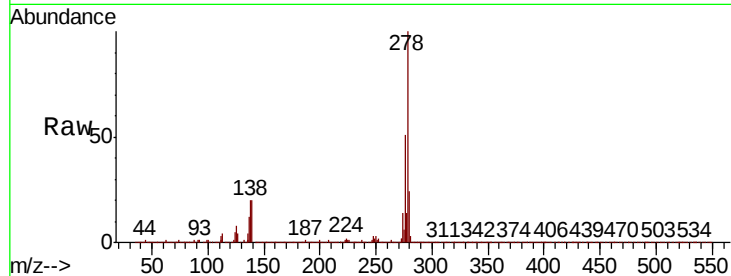
#91
Dibenzo(a,h)anthracene
Concen: 39.711 ng
RT: 17.19 min Scan# 2567
Delta R.T. -0.02 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Instrument :
BNA_P
ClientSampleId :
FK-BPM-04-004-ABCDMSD

Tot Ion:278 Resp: 3236225
Ion Ratio Lower Upper
278 100
139 20.3 16.4 24.6
279 24.4 19.2 28.8

Manual Integrations
APPROVED

mohammad
9/10/2019 2:09:31 PM



#92
Benzo(g,h,i)perylene
Concen: 40.502 ng
RT: 17.64 min Scan# 2644
Delta R.T. -0.01 min
Lab File: BP000109.D
Acq: 08 Sep 2019 23:29

Tgt Ion:276 Resp: 3267021
Ion Ratio Lower Upper
276 100
277 23.2 18.6 28.0
138 26.0 23.0 34.4

