

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
 Data File : BP001368.D
 Acq On : 23 Dec 2019 15:38
 Operator : JU
 Sample : K6372-05
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-6

Manual Integrations
 APPROVED

mohammad
 12/24/2019 3:05:22 PM

Quant Time: Jan 01 06:25:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 20 03:20:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.30	152	45501	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	162329	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	96306	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	190243	20.00	ng	0.00
76) Chrysene-d12	19.25	240	150423	20.00	ng	0.00
87) Perylene-d12	21.02	264	158033	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	170763	60.65	ng	0.02
7) Phenol-d6	7.76	99	110255	30.01	ng	0.00
23) Nitrobenzene-d5	9.19	82	358069	84.71	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	164678	136.77	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	635604	83.45	ng	0.00
79) Terphenyl-d14	17.89	244	823378	93.75	ng	0.00
Target Compounds						
10) Phenol	7.78	94	21214	5.054	ng	Qvalue # 80
17) 2-Methylphenol	8.73	107	13559	5.421	ng	# 66
27) 2,4-Dimethylphenol	9.85	122	51244m	23.485	ng	
31) Naphthalene	10.38	128	518396	58.503	ng	99
37) 2-Methylnaphthalene	11.50	142	132905	21.726	ng	97
38) 1-Methylnaphthalene	11.66	142	97219m	16.904	ng	

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

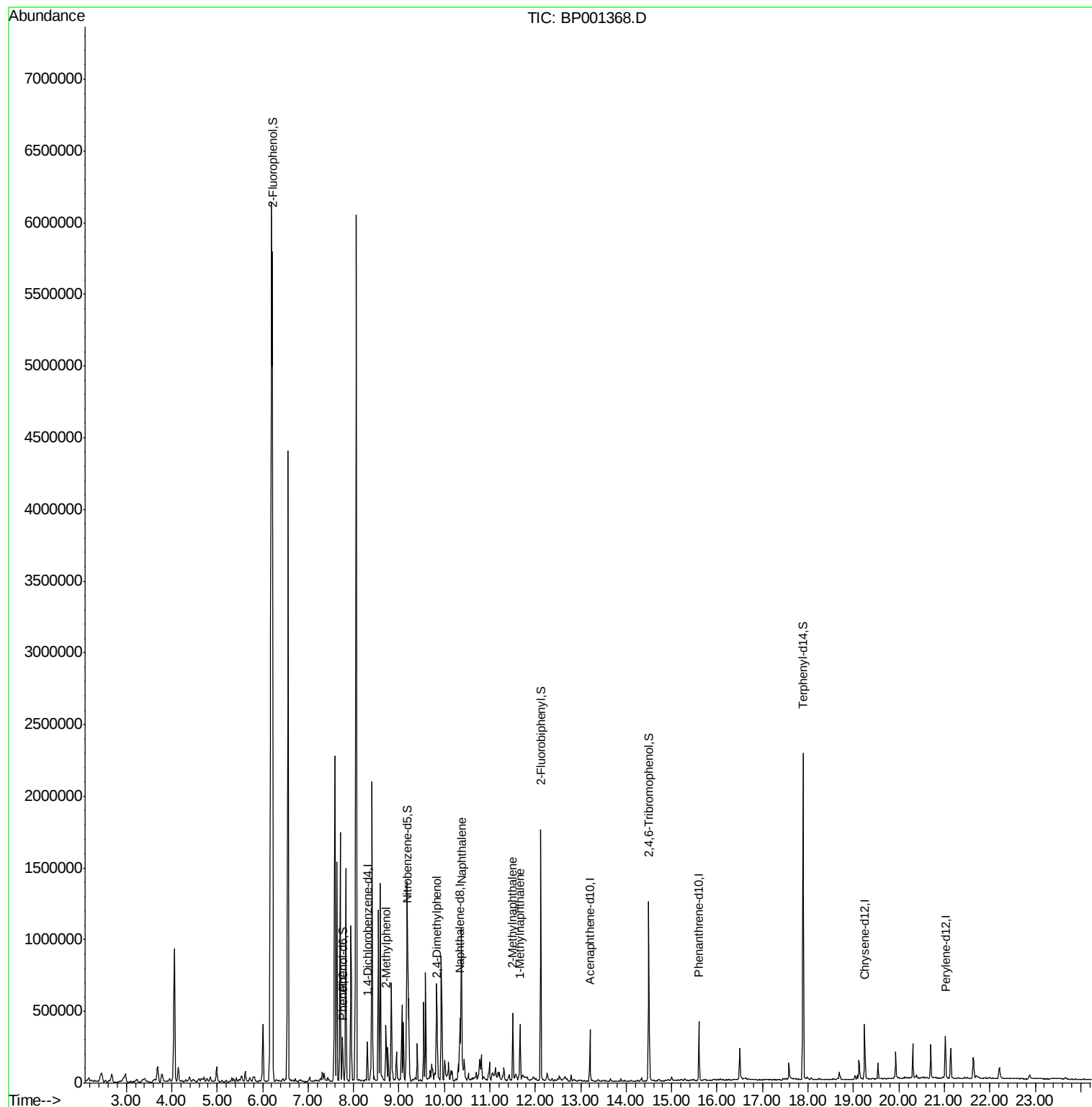
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP122319\
Data File : BP001368.D
Acq On : 23 Dec 2019 15:38
Operator : JU
Sample : K6372-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

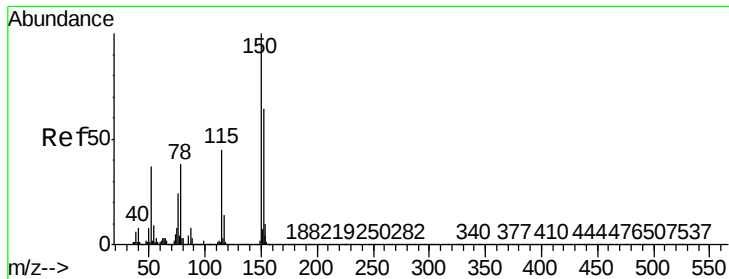
Instrument :
BNA_P
ClientSampleId :
MW-6

Manual Integrations
APPROVED

mohammad
12/24/2019 3:05:22 PM

Quant Time: Jan 01 06:25:56 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP121919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 20 03:20:39 2019
Response via : Initial Calibration





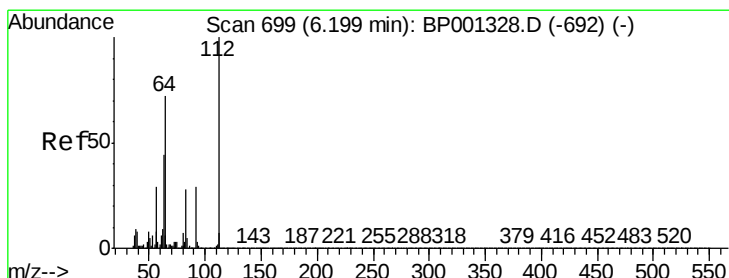
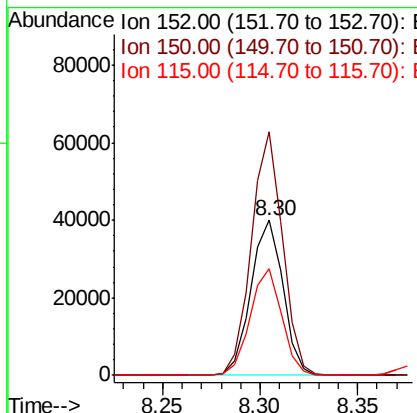
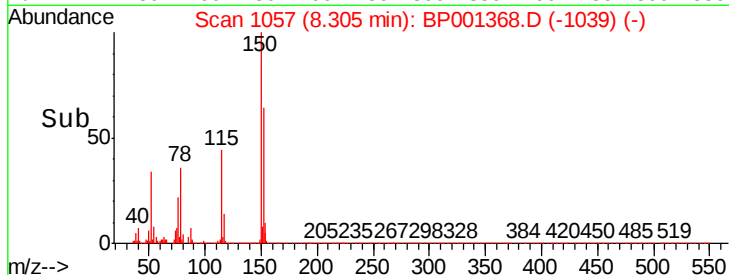
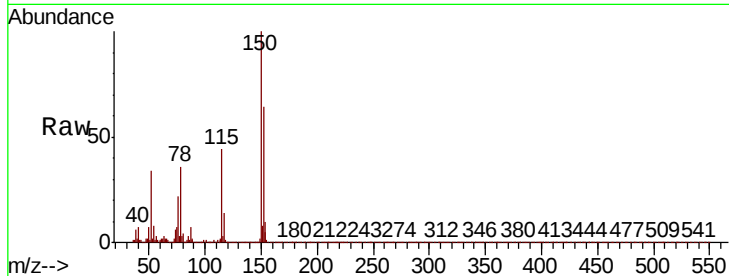
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. 0.01 min
 Lab File: BP001368.D
 Acq: 23 Dec 2019 15:38

Instrument :
 BNA_P
 ClientSampleId :
 MW-6

Tot Ion:	152	Resp:	45501
Ion Ratio	Lower	Upper	
152	100		
150	157.4	124.0	186.0
115	68.6	59.3	88.9

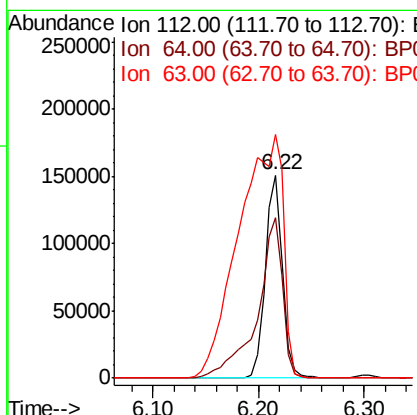
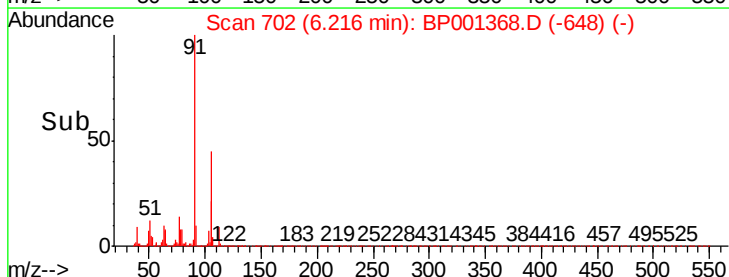
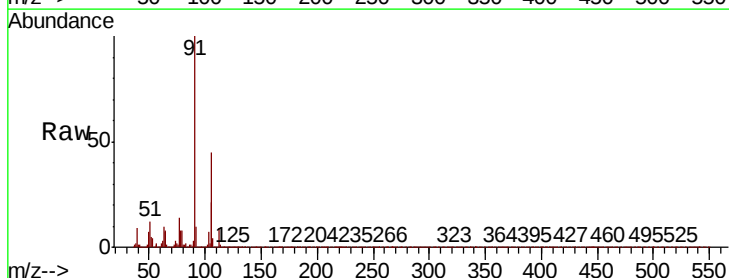
Manual Integrations
 APPROVED

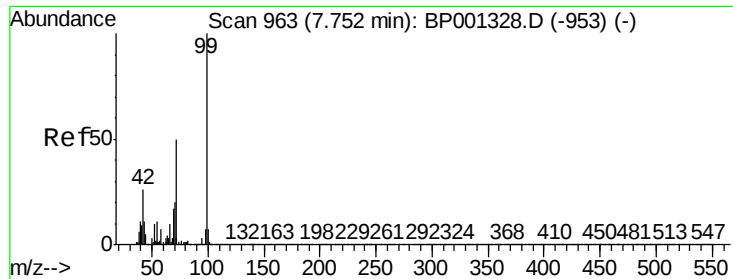
mohammad
 12/24/2019 3:05:22 PM



#5
 2-Fluorophenol
 Concen: 60.655 ng
 RT: 6.22 min Scan# 702
 Delta R.T. 0.02 min
 Lab File: BP001368.D
 Acq: 23 Dec 2019 15:38

Tgt Ion:	112	Resp:	170763
Ion Ratio	Lower	Upper	
112	100		
64	78.8	57.6	86.4
63	119.9	35.1	52.7





#7

Phenol-d6

Concen: 30.013 ng

RT: 7.76 min Scan# 964

Delta R.T. 0.01 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

Instrument :

BNA_P

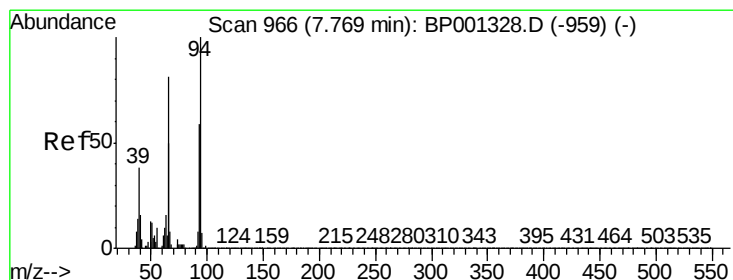
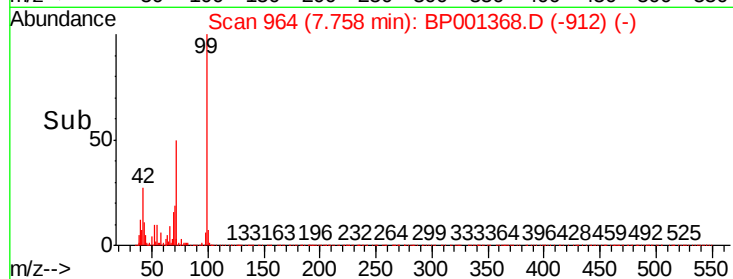
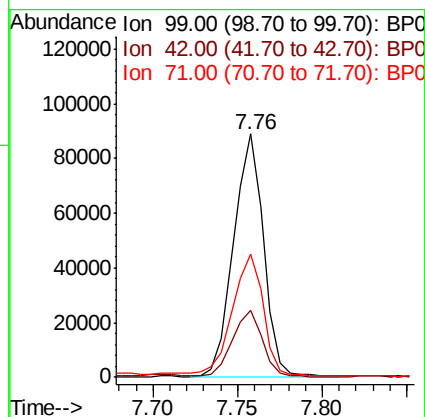
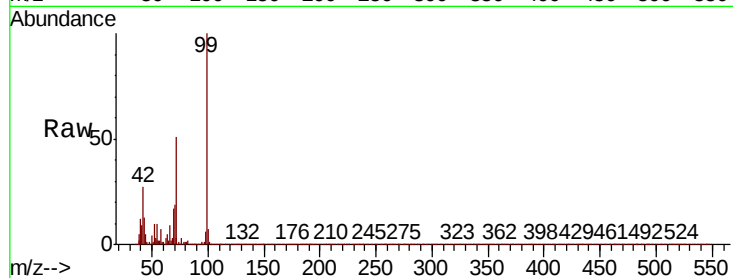
ClientSampleId :

MW-6

Tot Ion:	99	Resp:	110255
Ion Ratio	Lower	Upper	
99	100		
42	27.5	20.9	31.3
71	50.8	40.0	60.0

Manual Integrations
APPROVED

mohammad
12/24/2019 3:05:22 PM



#10

Phenol

Concen: 5.054 ng

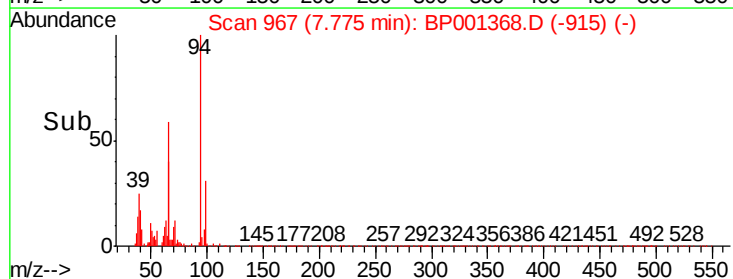
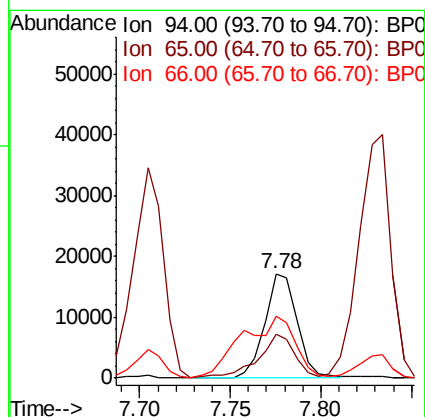
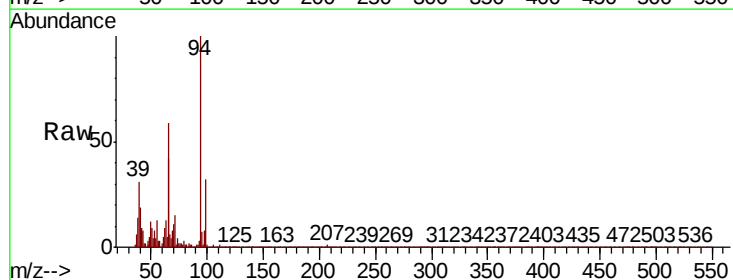
RT: 7.78 min Scan# 967

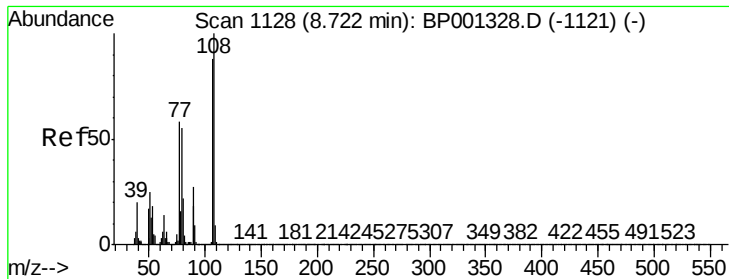
Delta R.T. 0.01 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

Tgt Ion:	94	Resp:	21214
Ion Ratio	Lower	Upper	
94	100		
65	41.7	30.4	70.4
66	59.4	62.0	102.0#





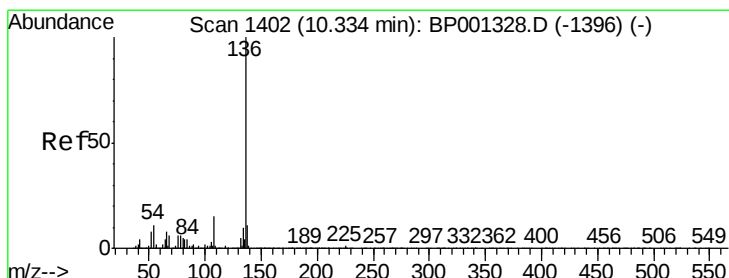
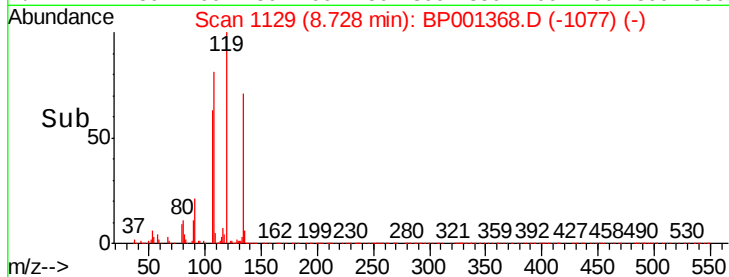
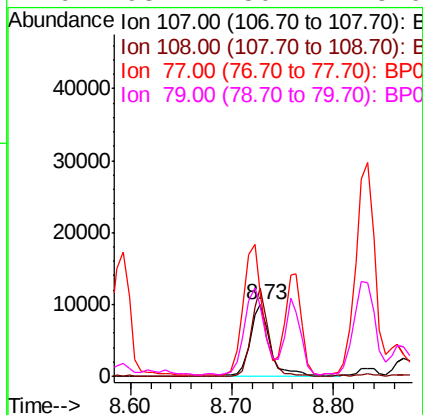
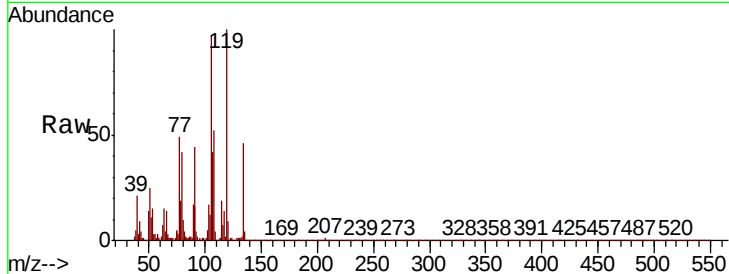
#17
2-Methylphenol
Concen: 5.421 ng
RT: 8.73 min Scan# 1129
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Instrument :
BNA_P
ClientSampleId :
MW-6

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	123.4	90.7	136.1	
77	117.2	52.7	79.1#	
79	98.7	50.4	75.6#	

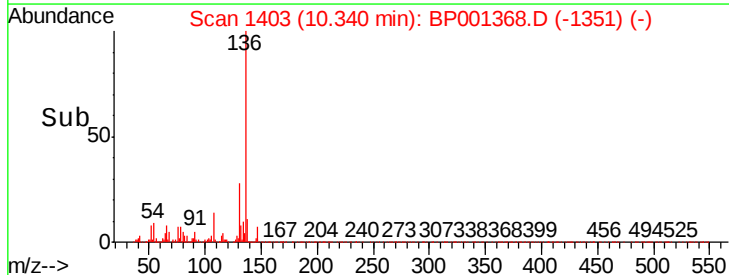
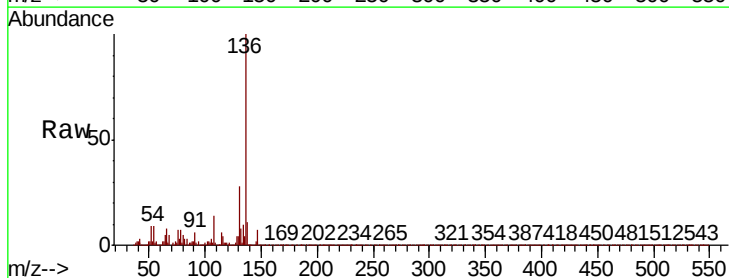
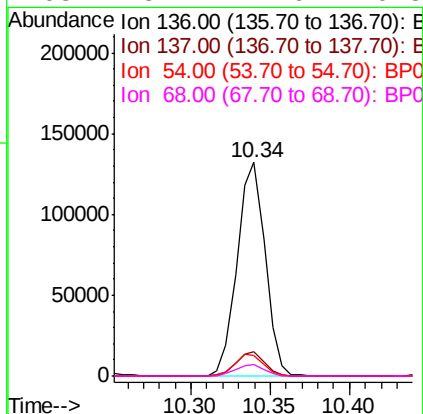
Manual Integrations
APPROVED

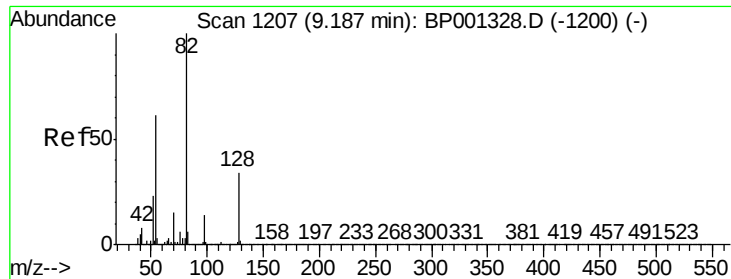
mohammad
12/24/2019 3:05:22 PM



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.34 min Scan# 1403
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.8	13.2	
54	9.4	8.8	13.2	
68	5.4	4.6	6.8	





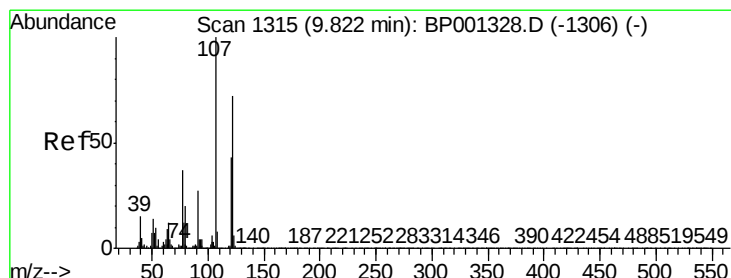
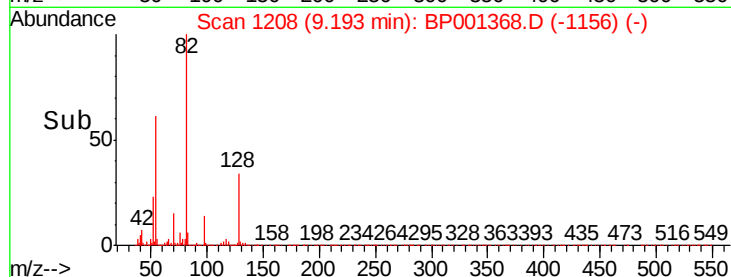
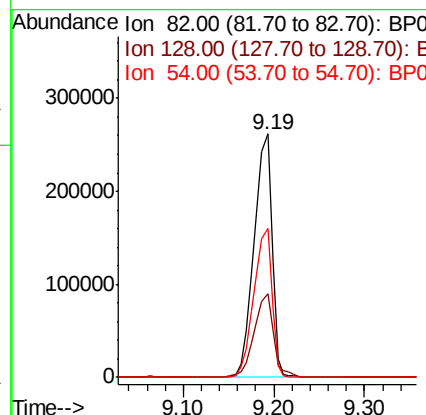
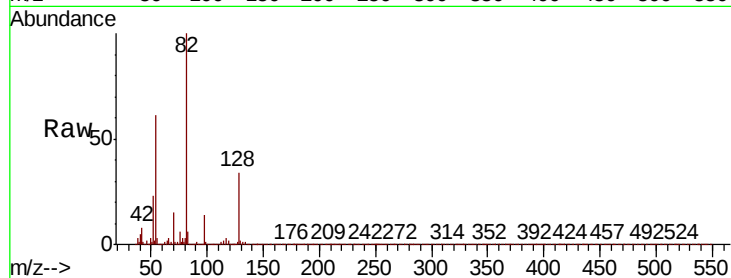
#23
Nitrobenzene-d5
Concen: 84.706 ng
RT: 9.19 min Scan# 1208
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Instrument :
BNA_P
ClientSampleId :
MW-6

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.2	27.0	40.4
54	61.3	49.0	73.4

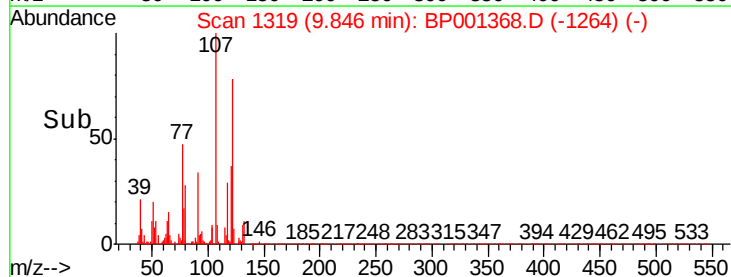
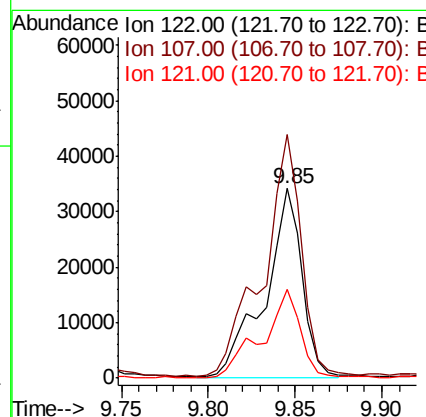
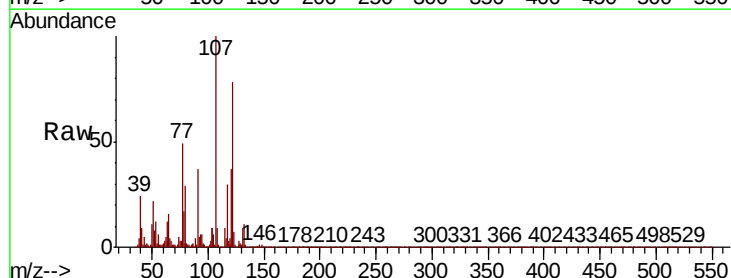
Manual Integrations
APPROVED

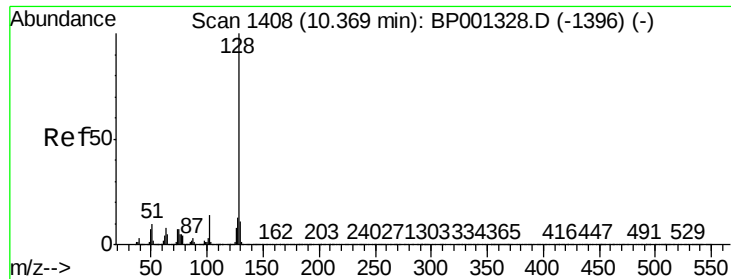
mohammad
12/24/2019 3:05:22 PM



#27
2,4-Dimethylphenol
Concen: 23.485 ng m
RT: 9.85 min Scan# 1319
Delta R.T. 0.02 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
122	100		
107	128.3	111.9	167.9
121	47.0	47.9	71.9#





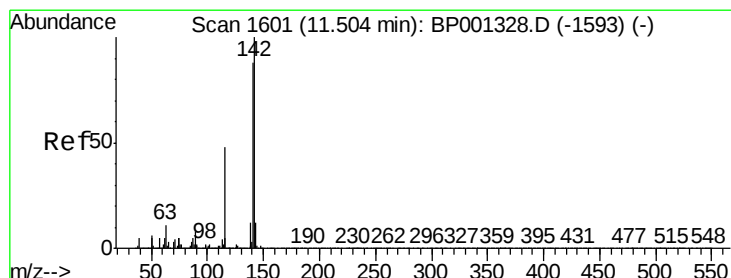
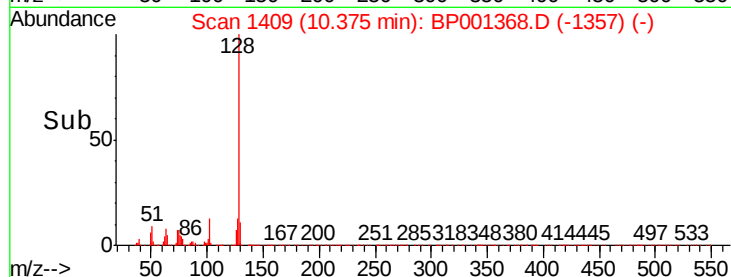
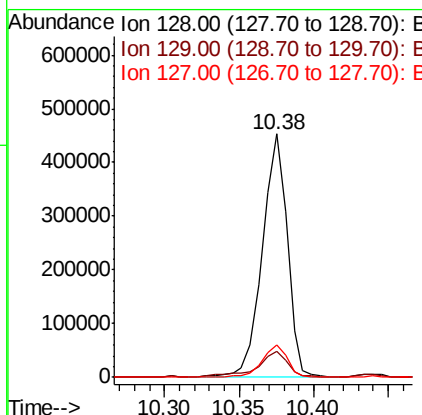
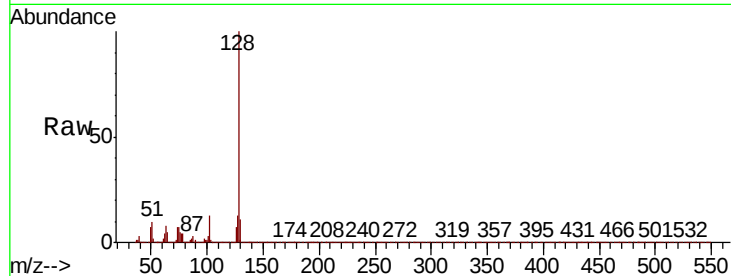
#31
Naphthalene
Concen: 58.503 ng
RT: 10.38 min Scan# 1409
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Instrument :
BNA_P
ClientSampleId :
MW-6

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.7	8.9	13.3	
127	13.3	10.7	16.1	

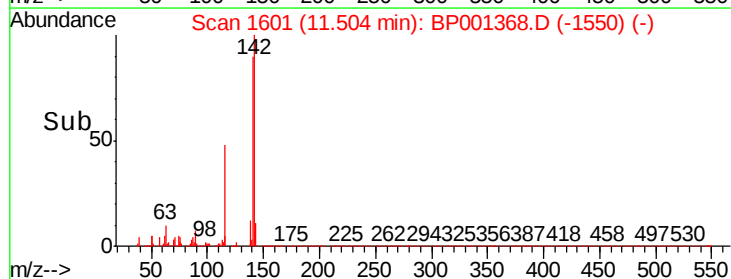
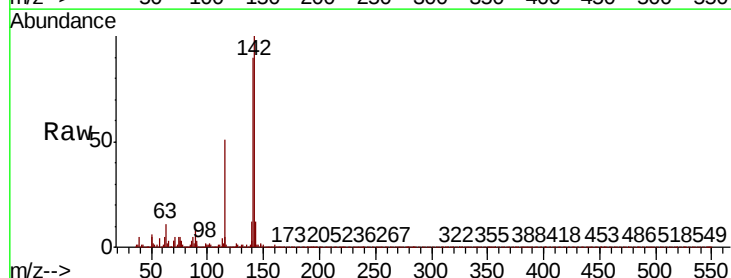
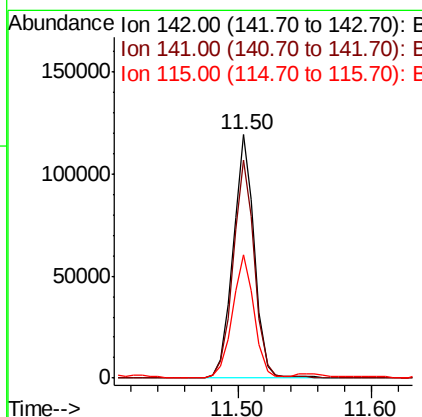
Manual Integrations
APPROVED

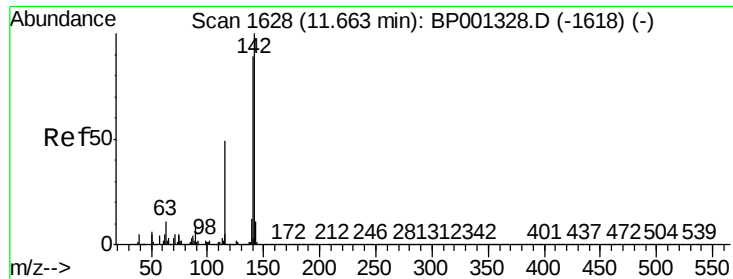
mohammad
12/24/2019 3:05:22 PM



#37
2-Methylnaphthalene
Concen: 21.726 ng
RT: 11.50 min Scan# 1601
Delta R.T. 0.00 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Tgt Ion	Ratio	Resp	Lower	Upper
142	100			
141	89.8	70.2	105.4	
115	50.7	38.7	58.1	





#38

1-Methylnaphthalene

Concen: 16.904 ng

RT: 11.66 min Scan# 1628

Delta R.T. 0.00 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

Instrument :

BNA_P

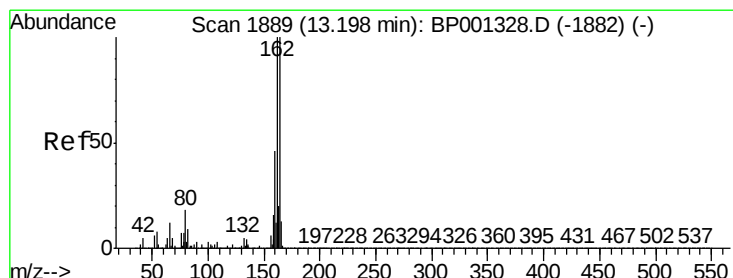
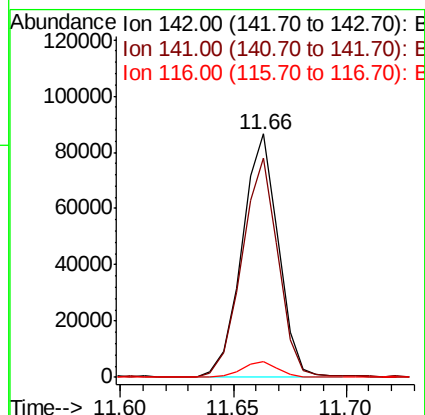
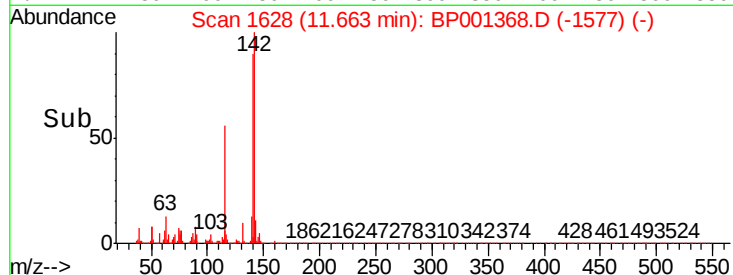
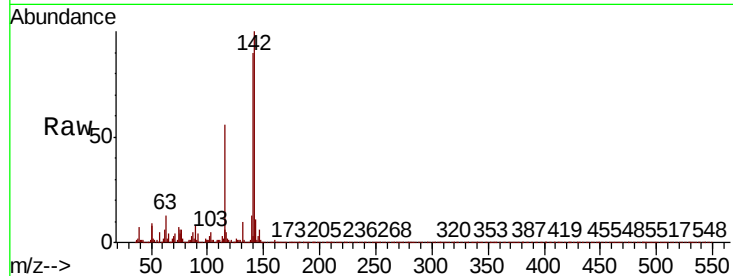
ClientSampleId :

MW-6

Tot Ion:	142	Resp:	97219
Ion Ratio	Lower	Upper	
142	100		
141	90.3	71.3	106.9
116	6.3	4.2	6.2#

Manual Integrations
APPROVED

mohammad
12/24/2019 3:05:22 PM



#39

Acenaphthene-d10

Concen: 20.000 ng

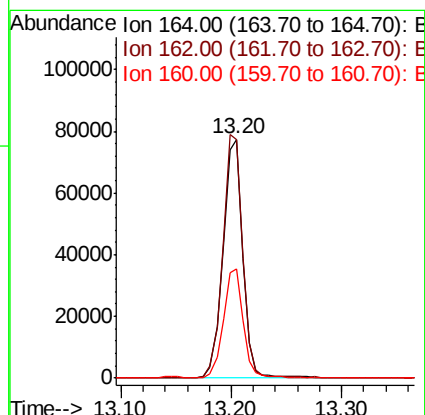
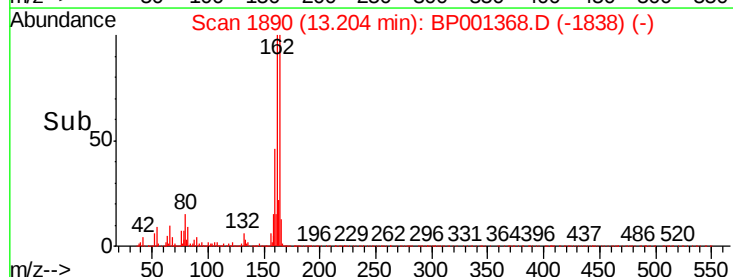
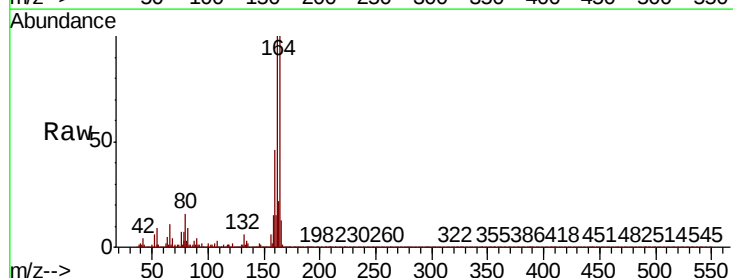
RT: 13.20 min Scan# 1890

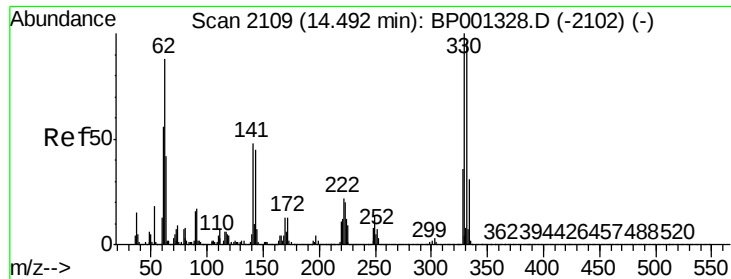
Delta R.T. 0.01 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

Tgt Ion:	164	Resp:	96306
Ion Ratio	Lower	Upper	
164	100		
162	99.7	80.3	120.5
160	45.8	36.6	54.8





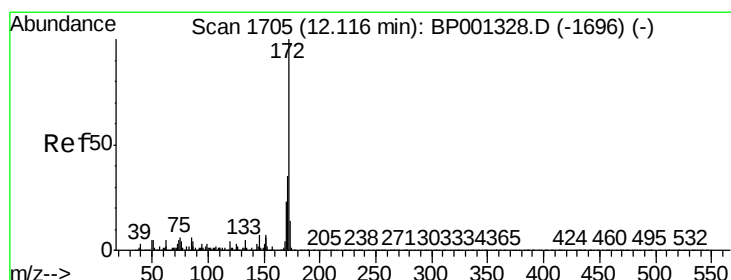
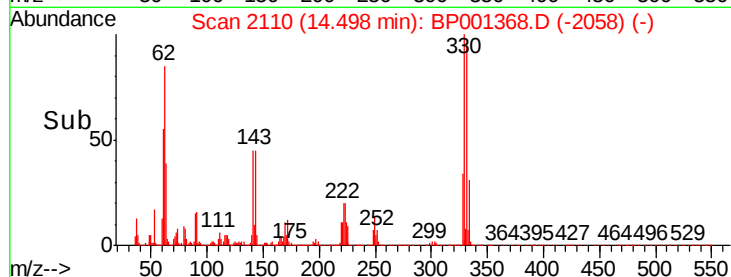
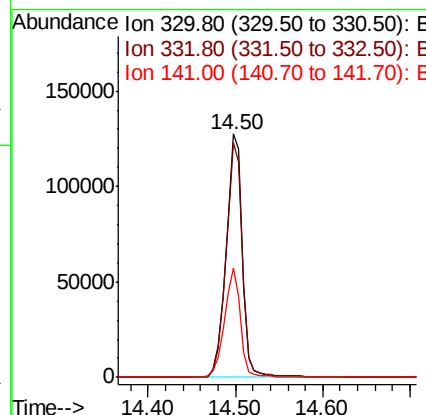
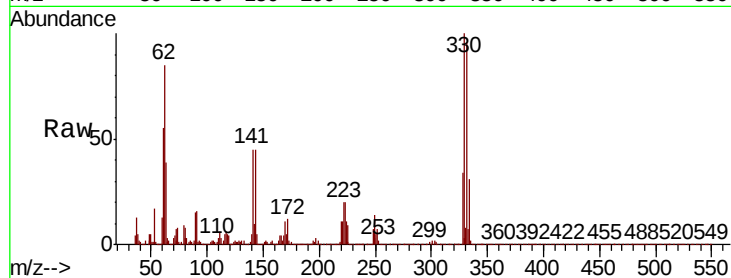
#42
2,4,6-Tribromophenol
Concen: 136.771 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Instrument :
BNA_P
ClientSampleId :
MW-6

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.7	118.1
141	44.1	36.2	54.4

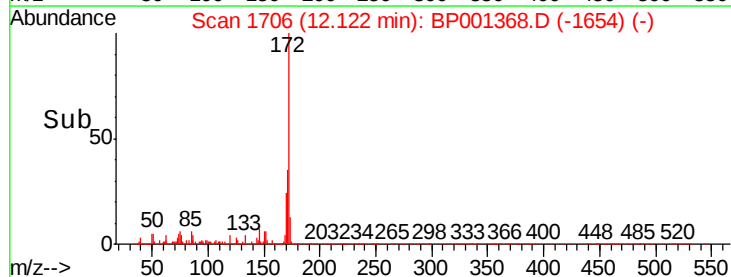
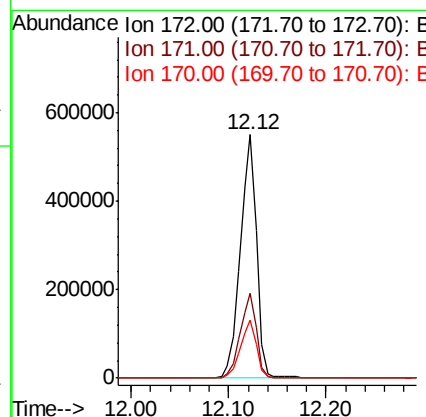
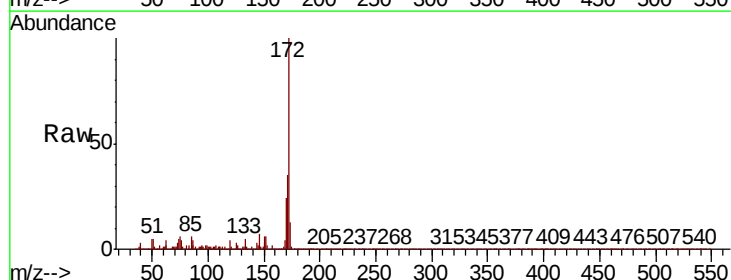
Manual Integrations
APPROVED

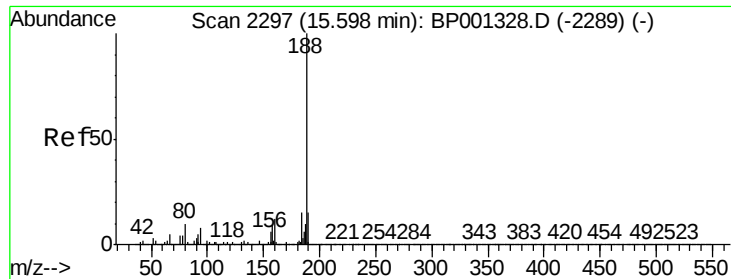
mohammad
12/24/2019 3:05:22 PM



#45
2-Fluorobiphenyl
Concen: 83.454 ng
RT: 12.12 min Scan# 1706
Delta R.T. 0.01 min
Lab File: BP001368.D
Acq: 23 Dec 2019 15:38

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.7	41.5
170	23.9	18.6	28.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. 0.01 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

Instrument :

BNA_P

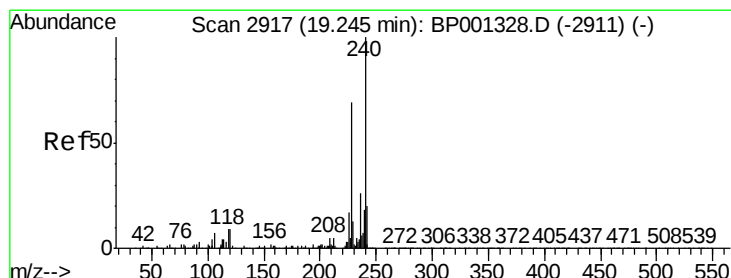
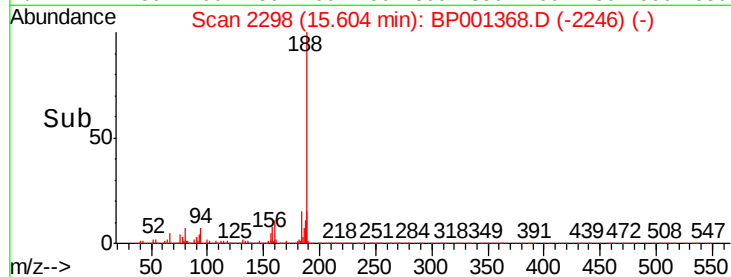
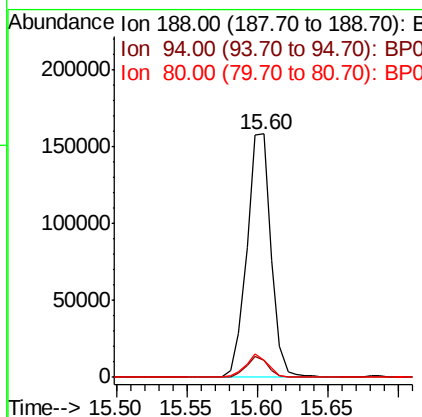
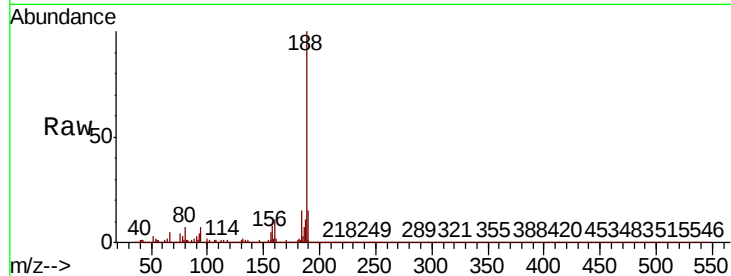
ClientSampleId :

MW-6

Tot Ion:	188	Resp:	190243
Ion Ratio	Lower	Upper	
188	100		
94	7.1	6.6	10.0
80	7.9	7.8	11.6

Manual Integrations
APPROVED

mohammad
12/24/2019 3:05:22 PM



#76

Chrysene-d12

Concen: 20.000 ng

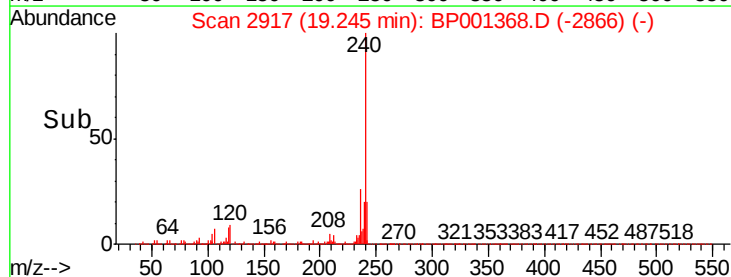
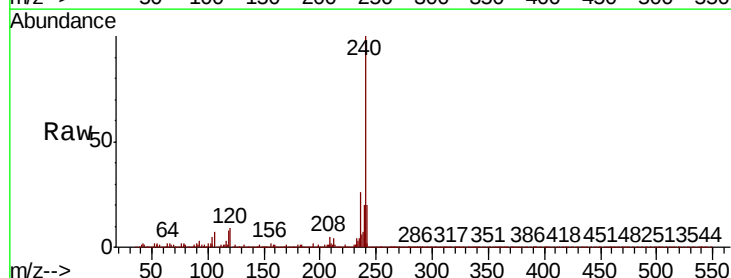
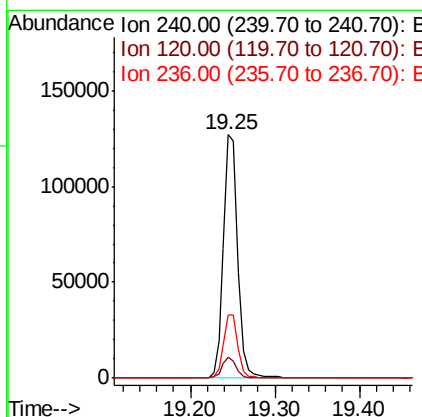
RT: 19.25 min Scan# 2917

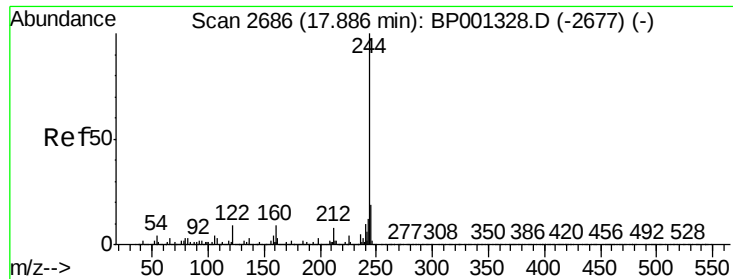
Delta R.T. 0.00 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

Tgt Ion:	240	Resp:	150423
Ion Ratio	Lower	Upper	
240	100		
120	8.7	7.6	11.4
236	26.1	21.0	31.4





#79

Terphenyl-d14

Concen: 93.753 ng

RT: 17.89 min Scan# 2687

Delta R.T. 0.01 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

Instrument :

BNA_P

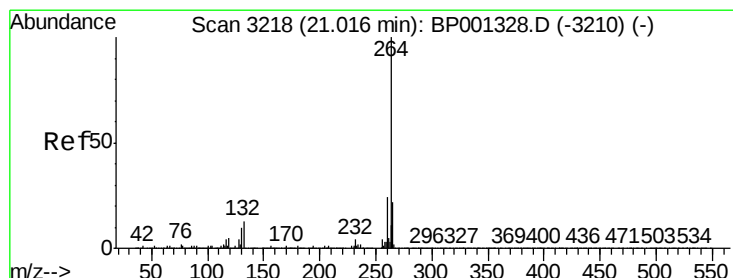
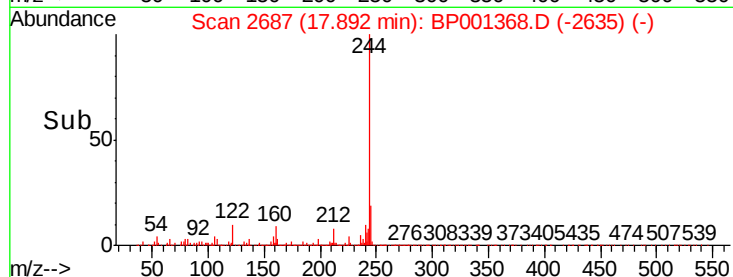
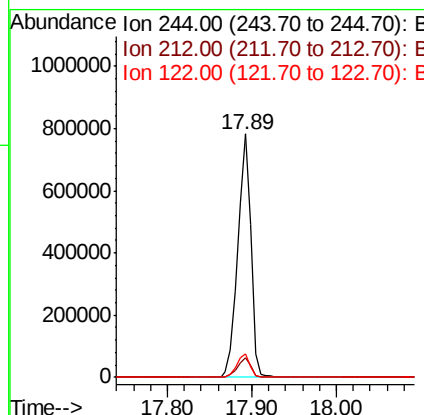
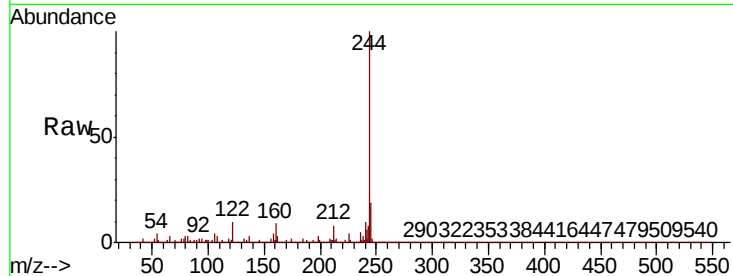
ClientSampleId :

MW-6

Tot Ion:	244	Resp:	823378
Ion Ratio	Lower	Upper	
244	100		
212	8.0	6.6	9.8
122	9.9	7.6	11.4

Manual Integrations
APPROVED

mohammad
12/24/2019 3:05:22 PM



#87

Perylene-d12

Concen: 20.000 ng

RT: 21.02 min Scan# 3219

Delta R.T. 0.01 min

Lab File: BP001368.D

Acq: 23 Dec 2019 15:38

Tgt Ion:	264	Resp:	158033
Ion Ratio	Lower	Upper	
264	100		
260	22.5	19.2	28.8
265	20.1	17.4	26.2

