

Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP120519\
 Data File : BP001210.D
 Acq On : 05 Dec 2019 14:29
 Operator : JU
 Sample : K6085-01DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MW-2DL

Manual Integrations
 APPROVED

mohammad
 12/6/2019 3:03:11 PM

Quant Time: Dec 12 13:59:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	90956	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	330426	20.00	ng	0.00
39) Acenaphthene-d10	13.21	164	192565	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	377209	20.00	ng	0.00
76) Chrysene-d12	19.25	240	309227	20.00	ng	-0.01
87) Perylene-d12	21.02	264	333302	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	245977	44.87	ng	0.00
7) Phenol-d6	7.75	99	221403	30.31	ng	-0.01
23) Nitrobenzene-d5	9.19	82	341369	44.82	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	142993	77.47	ng	0.00
45) 2-Fluorobiphenyl	12.13	172	576544	43.82	ng	0.00
79) Terphenyl-d14	17.89	244	757154	45.30	ng	0.00
Target Compounds						
31) Naphthalene	10.38	128	856837	50.774	ng	99
37) 2-Methylnaphthalene	11.51	142	85556	7.430	ng	98
38) 1-Methylnaphthalene	11.67	142	177219m	16.292	ng	
50) Dimethylphthalate	12.79	163	108571	7.539	ng	98

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

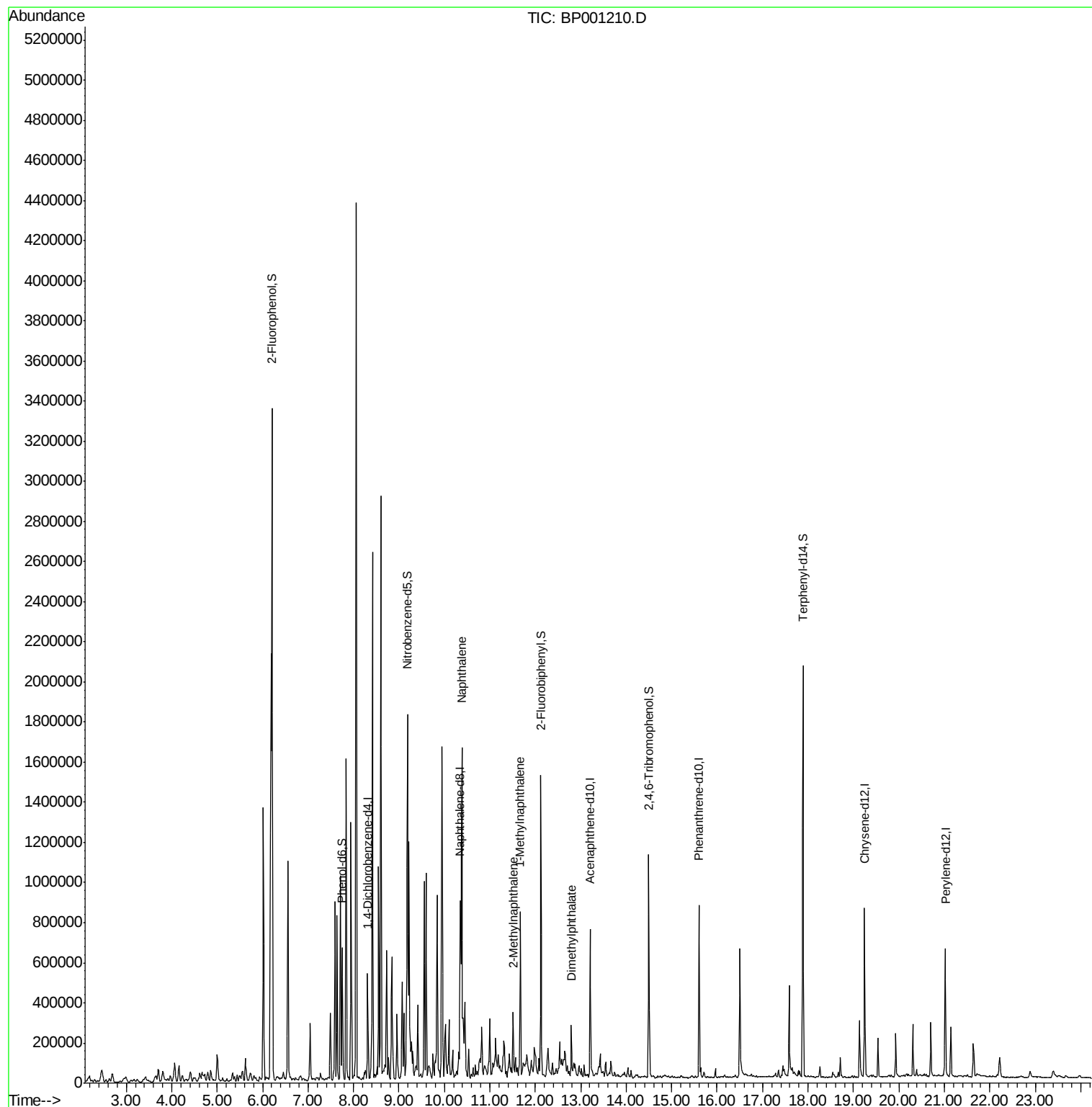
Data Path : Z:\svoasrv\HPCHEM1\BNA P\Data\BP120519\
Data File : BP001210.D
Acq On : 05 Dec 2019 14:29
Operator : JU
Sample : K6085-01DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

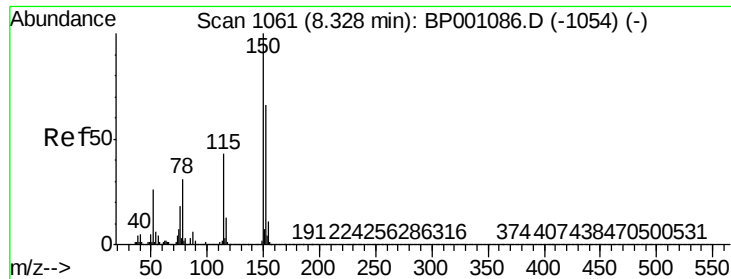
Instrument :
BNA_P
ClientSampleId :
MW-2DL

Manual Integrations
APPROVED

mohammad
12/6/2019 3:03:11 PM

Quant Time: Dec 12 13:59:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 05 12:34:47 2019
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. 0.00 min

Lab File: BP001210.D

Acq: 05 Dec 2019 14:29

Instrument :

BNA_P

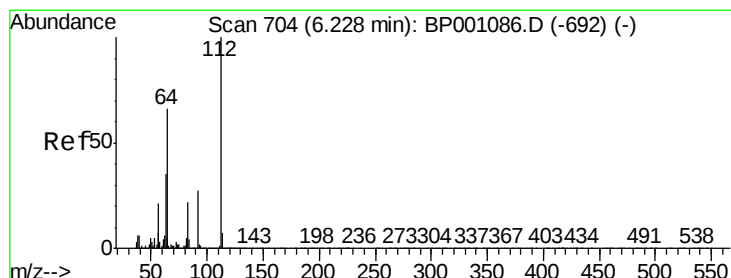
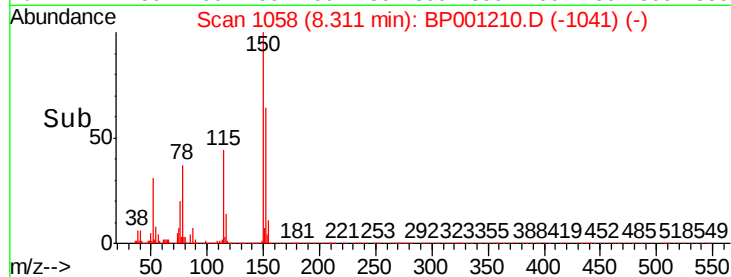
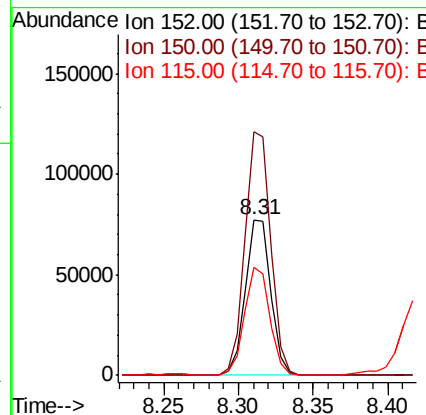
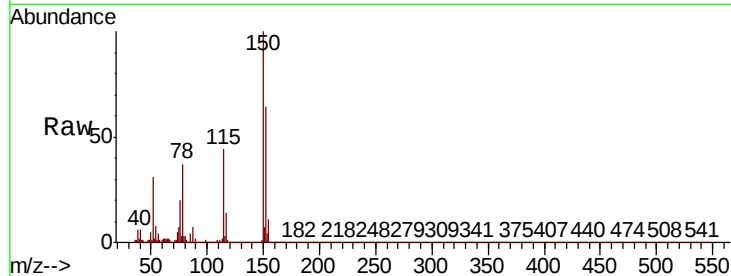
ClientSampleId :

MW-2DL

Tot Ion:	152	Resp:	90956
Ion Ratio	Lower	Upper	
152	100		
150	156.8	127.3	190.9
115	69.7	56.0	84.0

Manual Integrations
APPROVED

mohammad
12/6/2019 3:03:11 PM



#5

2-Fluorophenol

Concen: 44.867 ng

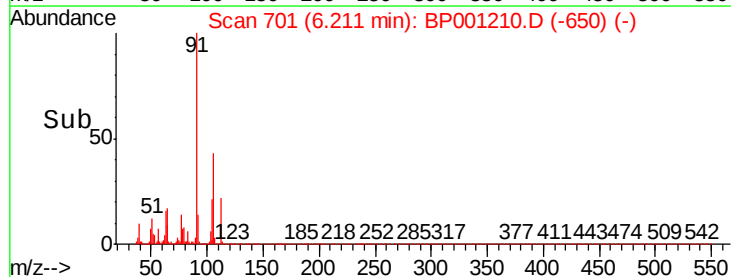
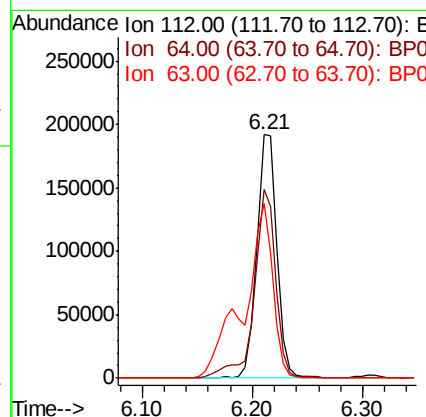
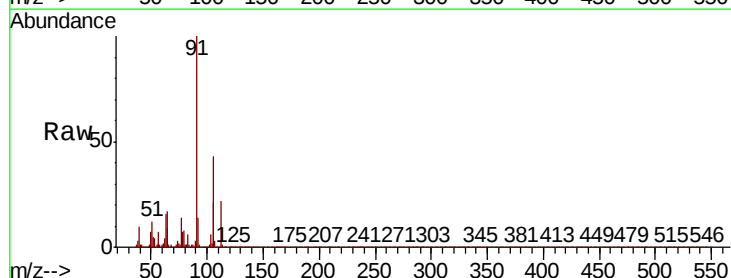
RT: 6.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BP001210.D

Acq: 05 Dec 2019 14:29

Tgt Ion:	112	Resp:	245977
Ion Ratio	Lower	Upper	
112	100		
64	77.4	56.8	85.2
63	71.5	32.2	48.2#





#7

Phenol-d6

Concen: 30.313 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.01 min

Lab File: BP001210.D

Acq: 05 Dec 2019 14:29

Instrument :

BNA_P

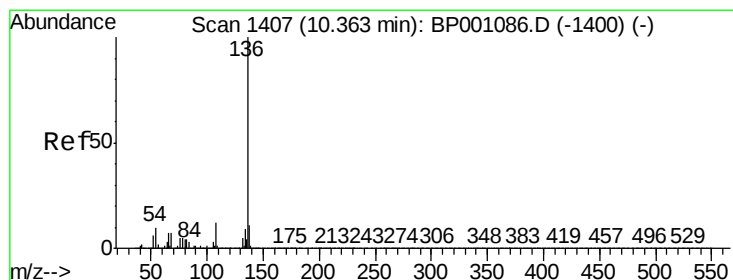
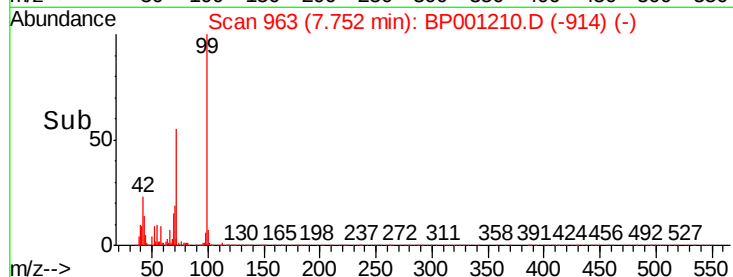
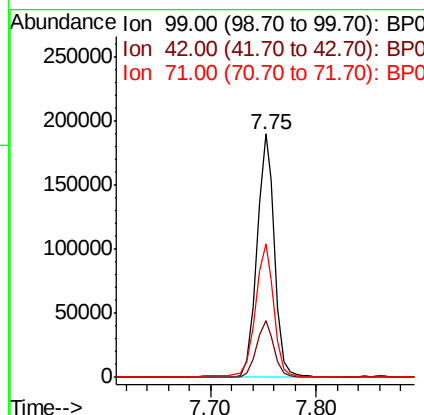
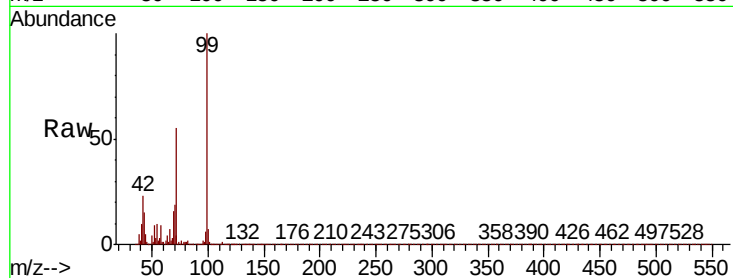
ClientSampled :

MW-2DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		221403		
42	23.1	17.6	26.4		
71	55.1	33.8	50.8#		

Manual Integrations
APPROVED

mohammad
12/6/2019 3:03:11 PM



#21

Naphthalene-d8

Concen: 20.000 ng

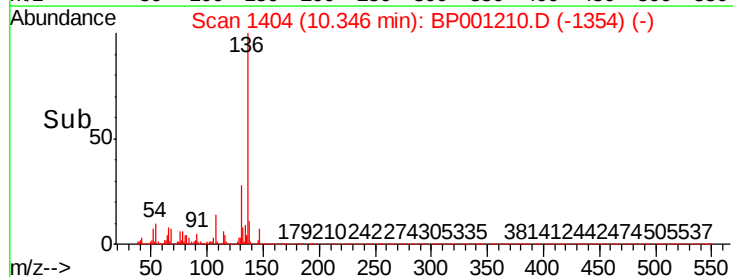
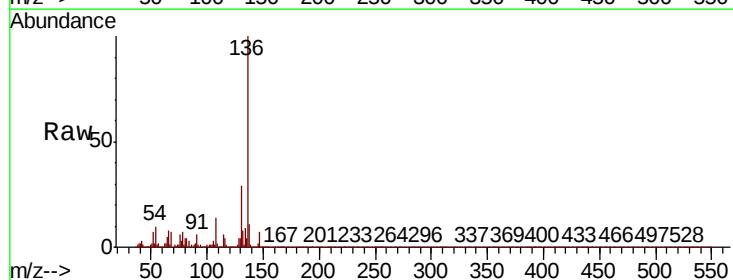
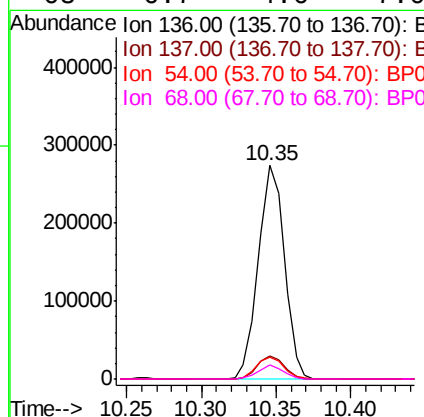
RT: 10.35 min Scan# 1404

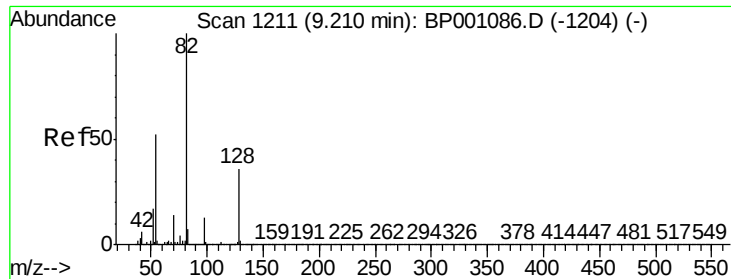
Delta R.T. -0.01 min

Lab File: BP001210.D

Acq: 05 Dec 2019 14:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		330426		
137	10.6	8.4	12.6		
54	10.3	7.4	11.0		
68	6.7	4.6	7.0		





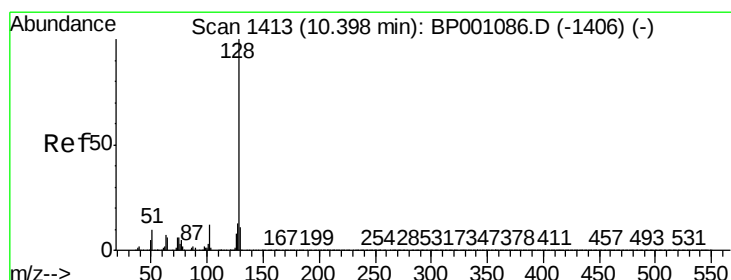
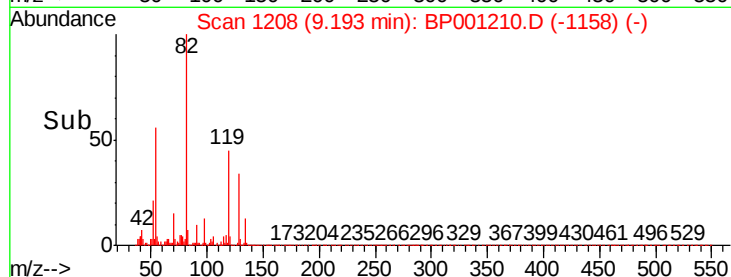
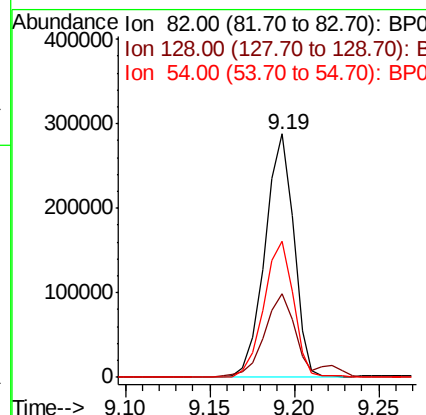
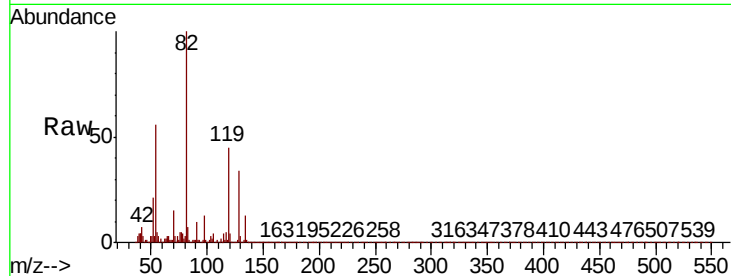
#23
 Nitrobenzene-d5
 Concen: 44.823 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BP001210.D
 Acq: 05 Dec 2019 14:29

Instrument :
 BNA_P
 ClientSampleId :
 MW-2DL

Tot Ion	Ratio	Lower	Upper
82	100		
128	34.3	27.5	41.3
54	55.7	45.7	68.5

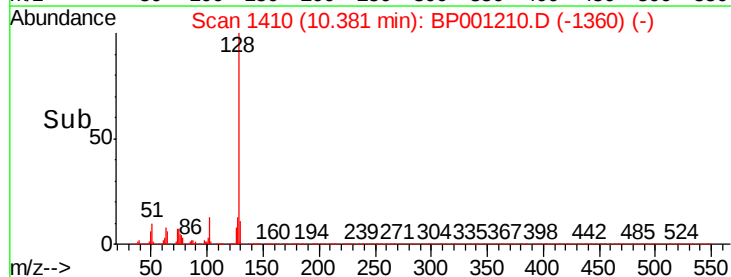
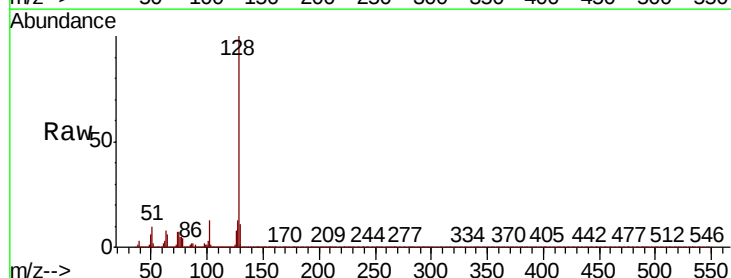
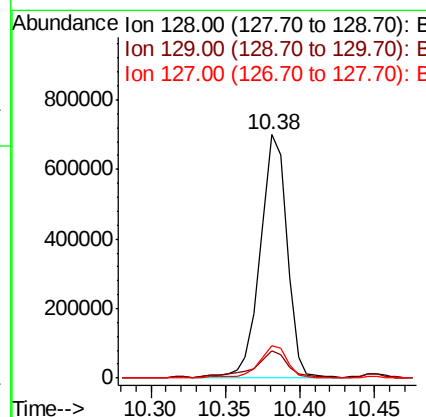
Manual Integrations
 APPROVED

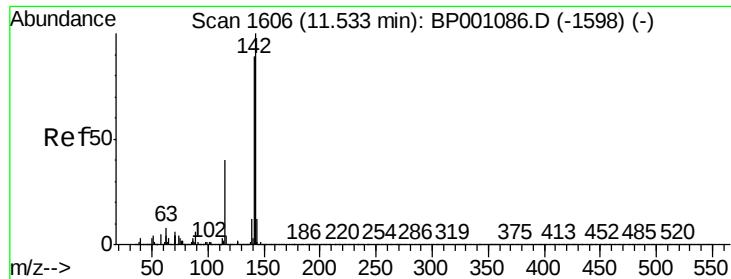
mohammad
 12/6/2019 3:03:11 PM



#31
 Naphthalene
 Concen: 50.774 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.01 min
 Lab File: BP001210.D
 Acq: 05 Dec 2019 14:29

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.3	12.5
127	13.2	10.6	16.0





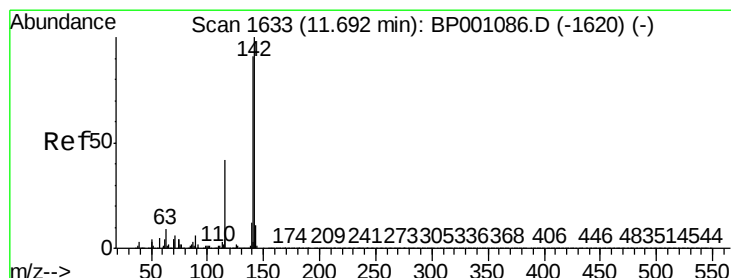
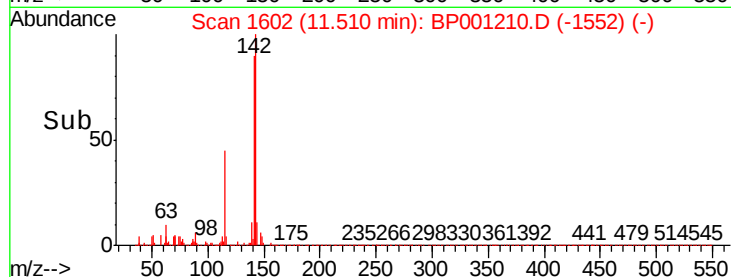
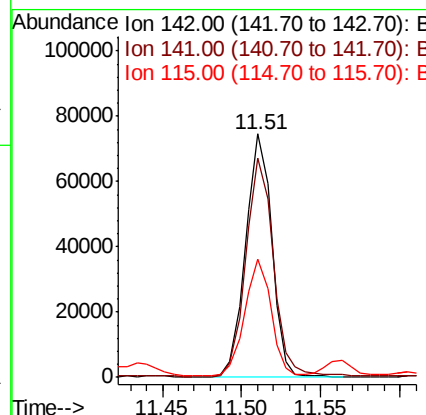
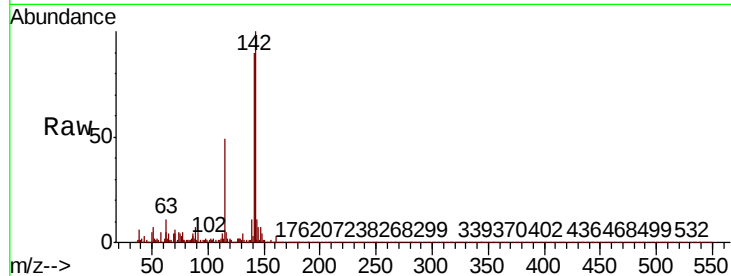
#37
2-Methylnaphthalene
Concen: 7.430 ng
RT: 11.51 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Instrument :
BNA_P
ClientSampled :
MW-2DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.6	107.4
115	48.7	36.0	54.0

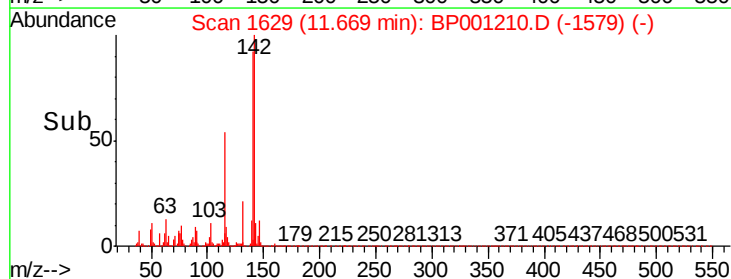
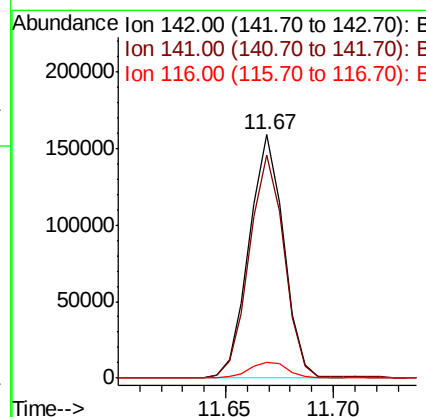
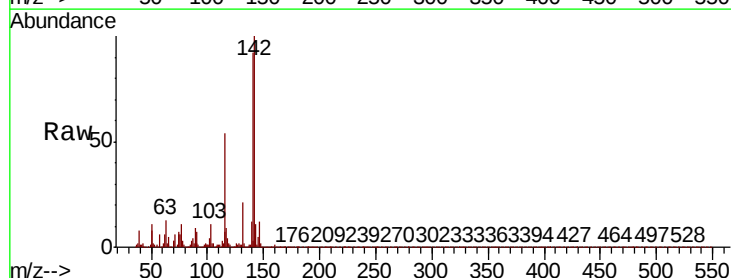
Manual Integrations
APPROVED

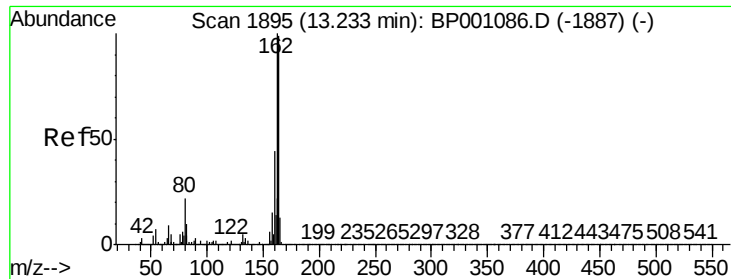
mohammad
12/6/2019 3:03:11 PM



#38
1-Methylnaphthalene
Concen: 16.292 ng m
RT: 11.67 min Scan# 1629
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.7	109.1
116	6.5	3.8	5.6





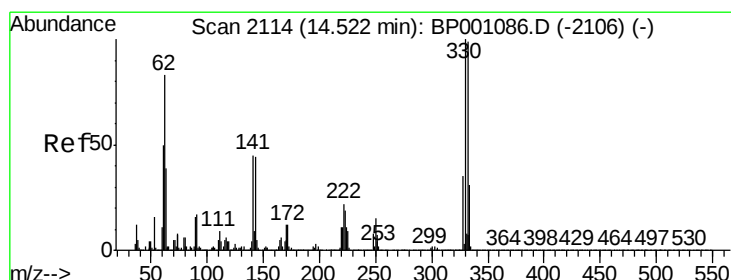
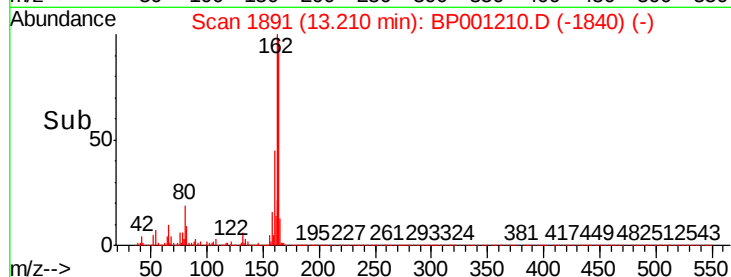
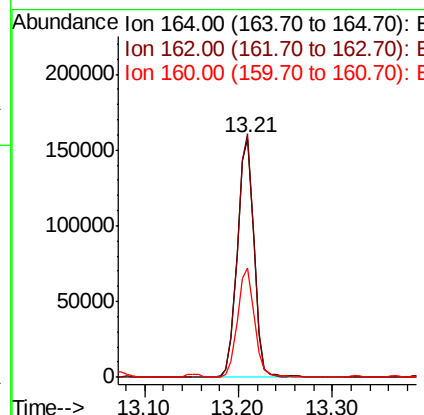
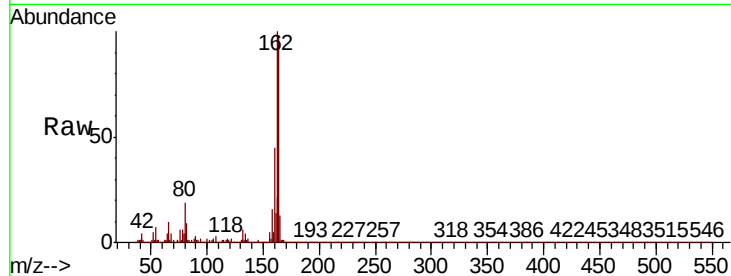
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. 0.00 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Instrument :
BNA_P
ClientSampleId :
MW-2DL

Tot Ion	Ratio	Resp	Lower	Upper
164	100	192565		
162	102.1	80.7	121.1	
160	45.6	36.3	54.5	

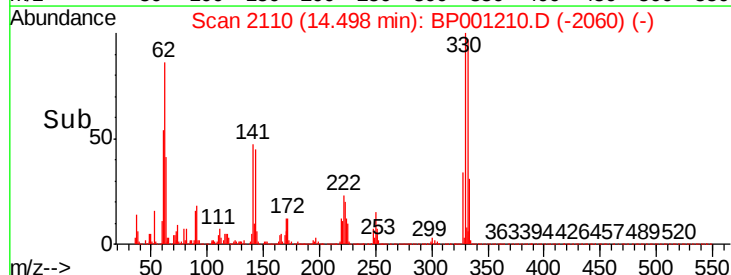
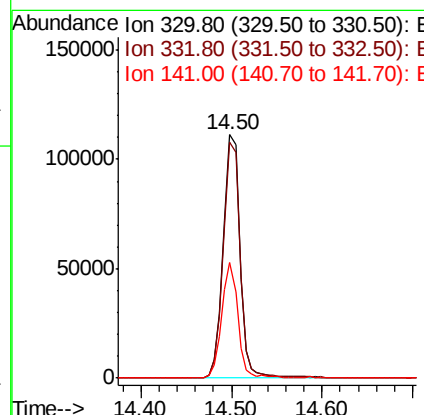
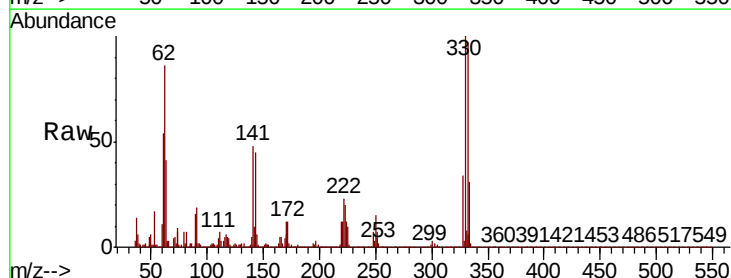
Manual Integrations
APPROVED

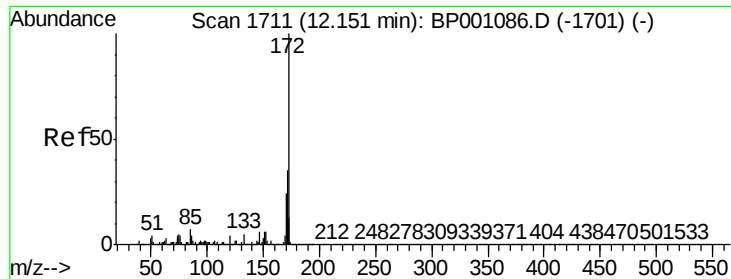
mohammad
12/6/2019 3:03:11 PM



#42
2,4,6-Tribromophenol
Concen: 77.472 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	142993		
332	96.6	79.1	118.7	
141	45.1	35.9	53.9	





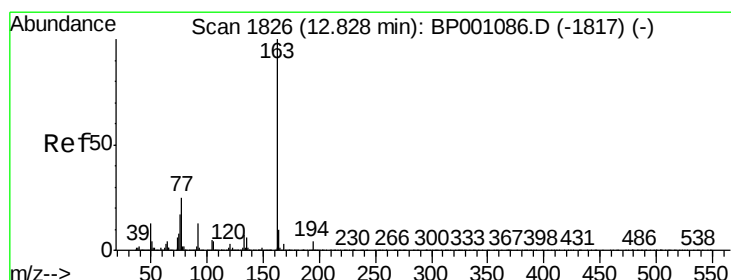
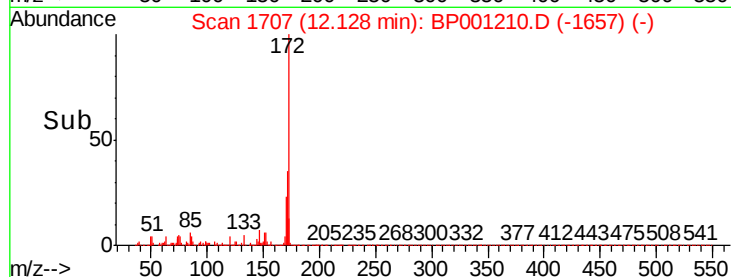
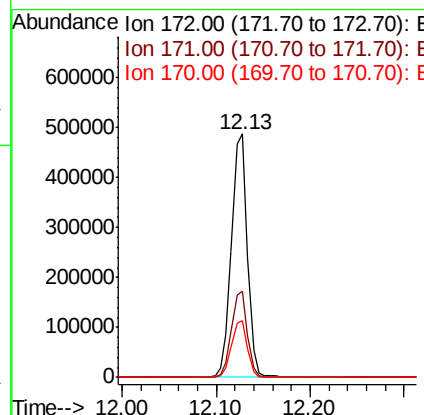
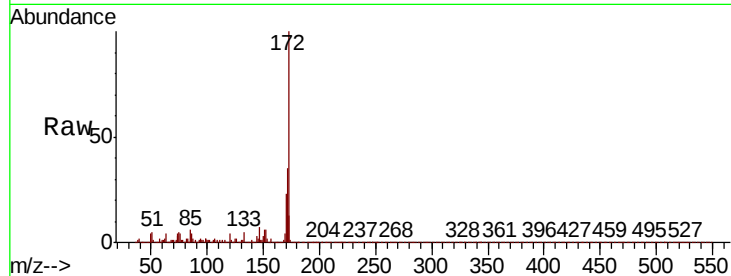
#45
2-Fluorobiphenyl
Concen: 43.820 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.01 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Instrument :
BNA_P
ClientSampleId :
MW-2DL

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.7	43.1
170	23.2	19.2	28.8

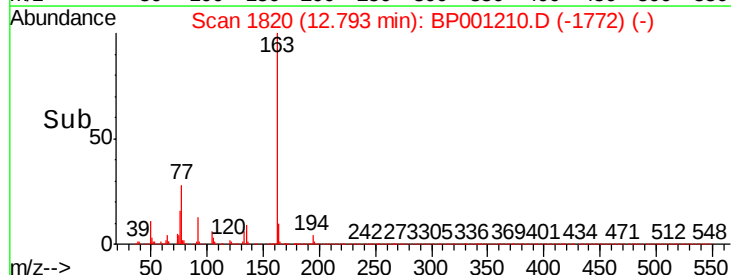
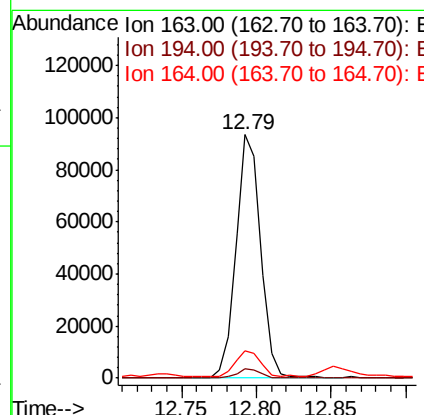
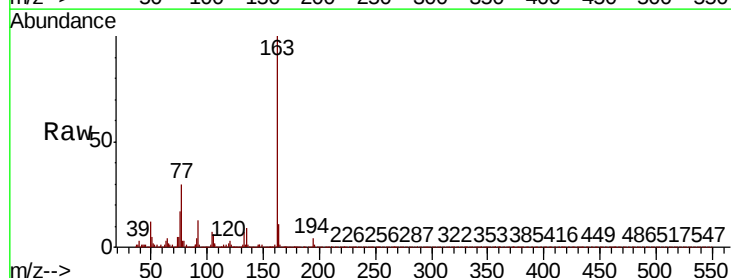
Manual Integrations
APPROVED

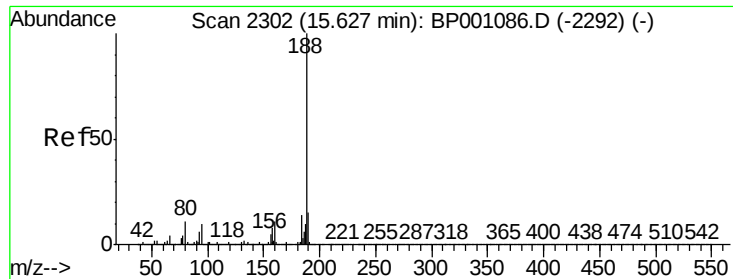
mohammad
12/6/2019 3:03:11 PM



#50
Dimethylphthalate
Concen: 7.539 ng
RT: 12.79 min Scan# 1820
Delta R.T. -0.02 min
Lab File: BP001210.D
Acq: 05 Dec 2019 14:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.1	4.7
164	11.4	8.2	12.4





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.60 min Scan# 2298

Delta R.T. -0.01 min

Lab File: BP001210.D

Acq: 05 Dec 2019 14:29

Instrument :

BNA_P

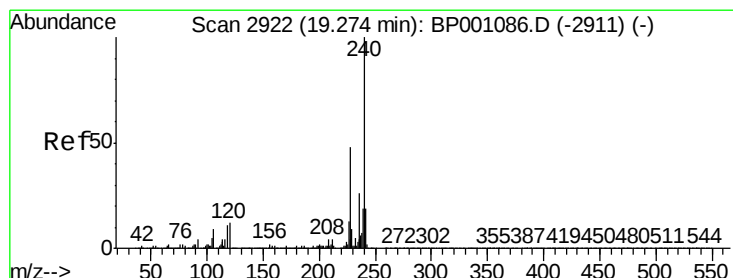
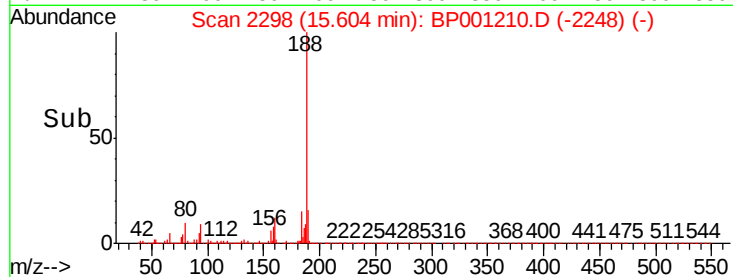
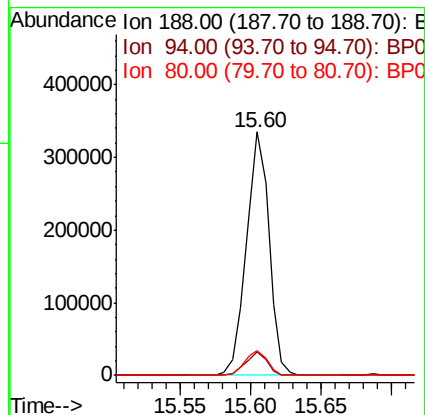
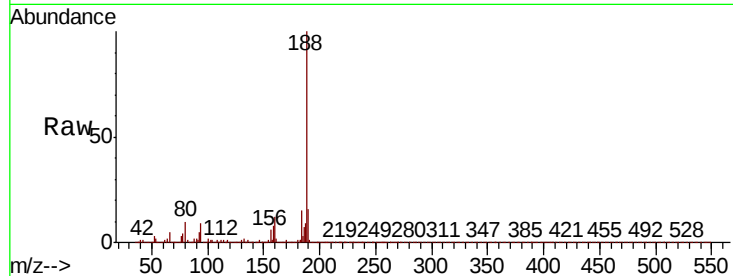
ClientSampleId :

MW-2DL

Tot Ion:	188	Resp:	377209
Ion Ratio	Lower	Upper	
188	100		
94	9.4	7.1	10.7
80	10.0	7.8	11.6

Manual Integrations
APPROVED

mohammad
12/6/2019 3:03:11 PM



#76

Chrysene-d12

Concen: 20.000 ng

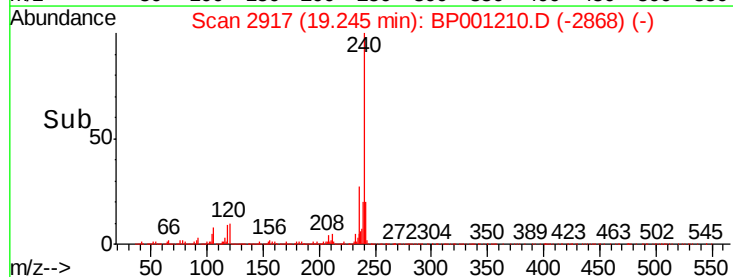
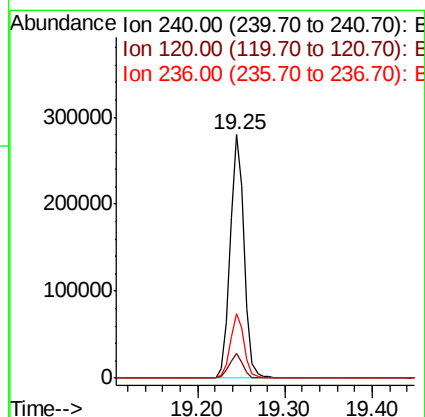
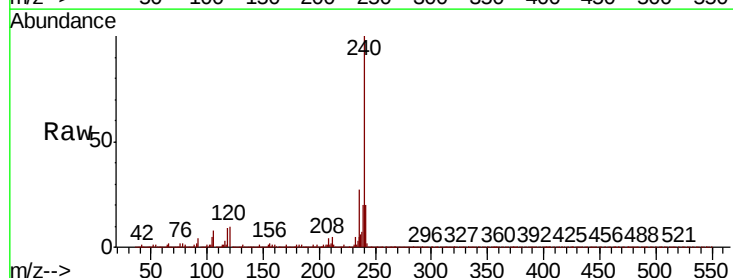
RT: 19.25 min Scan# 2917

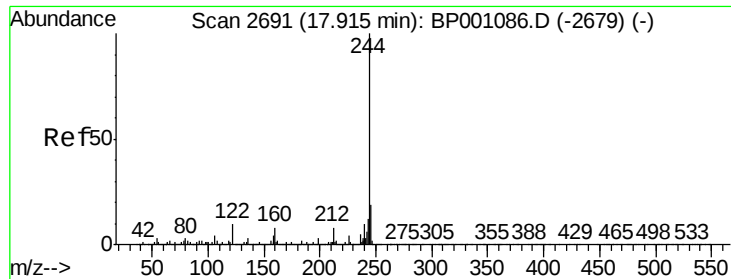
Delta R.T. -0.01 min

Lab File: BP001210.D

Acq: 05 Dec 2019 14:29

Tgt Ion:	240	Resp:	309227
Ion Ratio	Lower	Upper	
240	100		
120	10.3	7.0	10.6
236	26.5	21.7	32.5





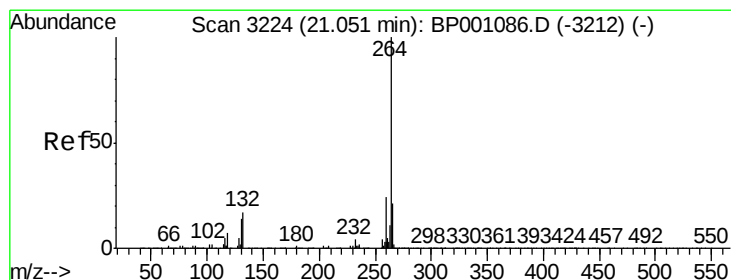
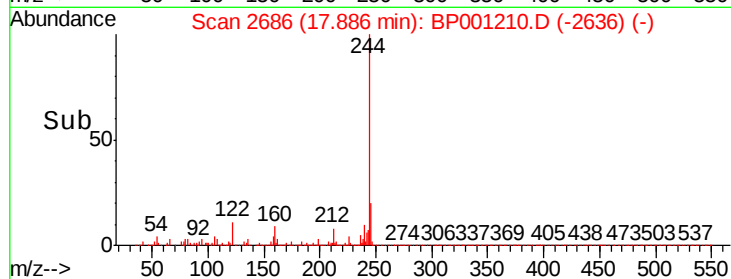
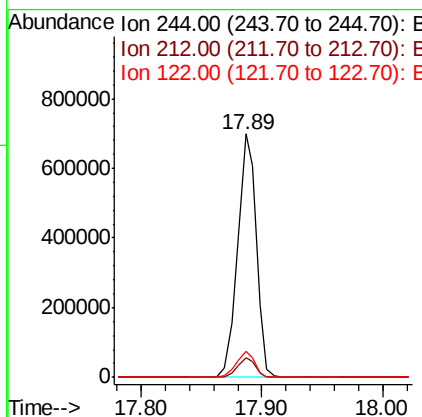
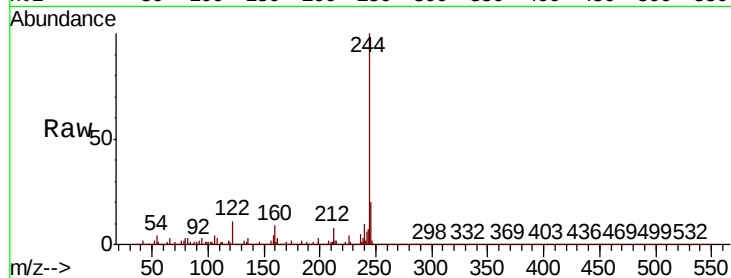
#79
 Terphenyl-d14
 Concen: 45.300 ng
 RT: 17.89 min Scan# 2686
 Delta R.T. -0.01 min
 Lab File: BP001210.D
 Acq: 05 Dec 2019 14:29

Instrument :
 BNA_P
 ClientSampleId :
 MW-2DL

Tot Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	9.8
122	10.9	9.2	13.8

Manual Integrations
 APPROVED

mohammad
 12/6/2019 3:03:11 PM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.02 min Scan# 3219
 Delta R.T. -0.01 min
 Lab File: BP001210.D
 Acq: 05 Dec 2019 14:29

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.4	29.0
265	21.4	17.1	25.7

