

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
 Data File : BP000888.D
 Acq On : 18 Oct 2019 20:15
 Operator : JU
 Sample : K5266-14RE
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AMENDED-COMPOSITE-C RE

Manual Integrations
 APPROVED

mohammad
 10/22/2019 1:39:36 AM

Quant Time: Oct 19 05:37:56 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 16:40:44 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	187917	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	697932	20.00	ng	0.00
39) Acenaphthene-d10	9.79	164	388819	20.00	ng	0.00
64) Phenanthrene-d10	11.29	188	714478	20.00	ng	0.00
76) Chrysene-d12	13.96	240	657979	20.00	ng	0.00
87) Perylene-d12	15.44	264	746196	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	536m	0.05	ng	0.04
7) Phenol-d6	6.39	99	7002	0.50	ng	0.00
23) Nitrobenzene-d5	7.30	82	776959	67.99	ng	0.00
42) 2,4,6-Tribromophenol	10.59	330	1298	0.31	ng	0.00
45) 2-Fluorobiphenyl	9.11	172	1798770	74.85	ng	0.00
79) Terphenyl-d14	12.90	244	2325495	71.56	ng	0.00
Target Compounds						
50) Dimethylphthalate	9.50	163	82702	3.061	ng	98
52) Acenaphthene	9.82	154	45164	2.175	ng	98

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

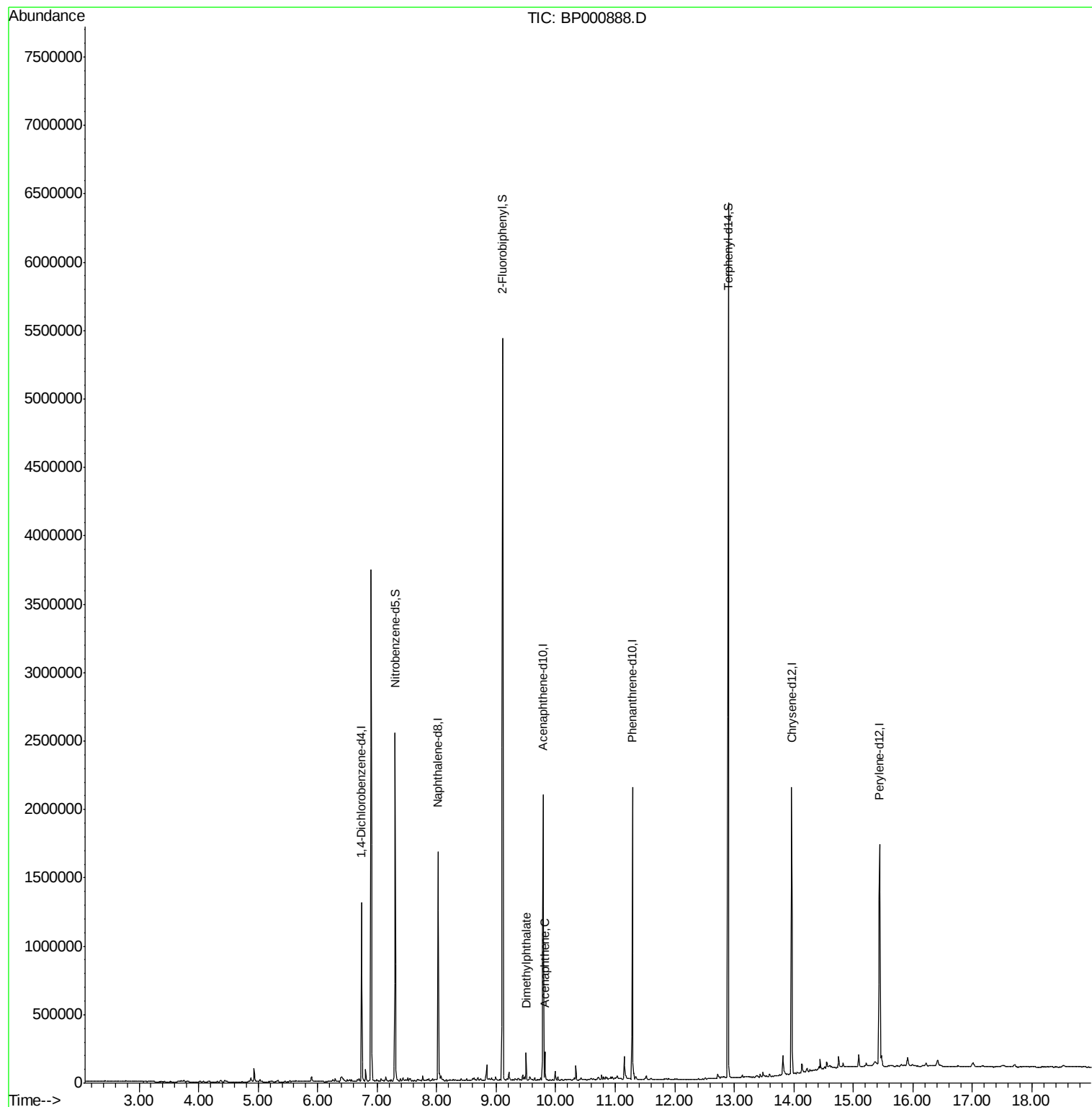
Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101819\
Data File : BP000888.D
Acq On : 18 Oct 2019 20:15
Operator : JU
Sample : K5266-14RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

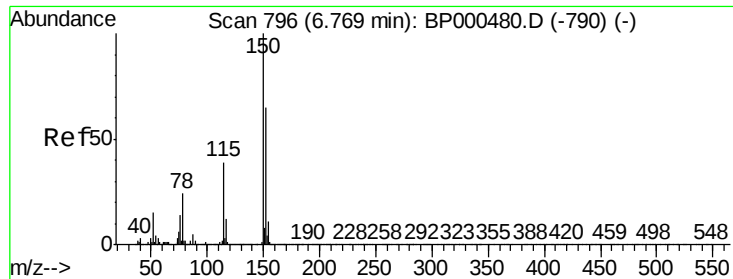
Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Manual Integrations
APPROVED

mohammad
10/22/2019 1:39:36 AM

Quant Time: Oct 19 05:37:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 16:40:44 2019
Response via : Initial Calibration





#1

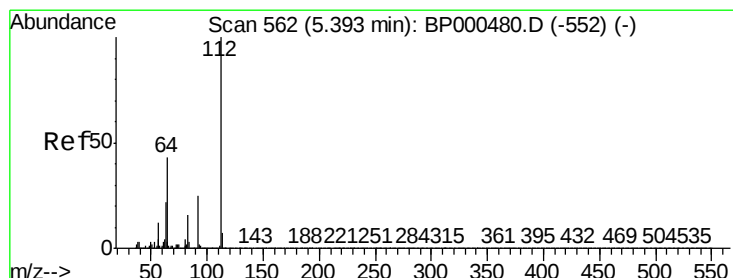
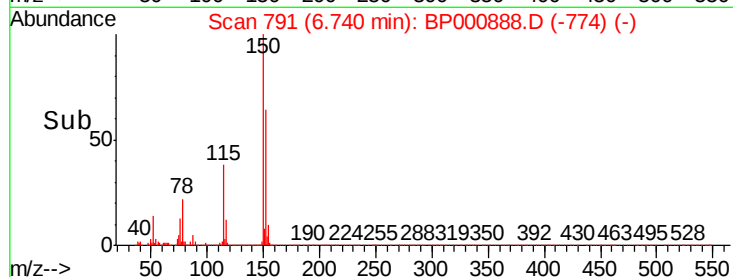
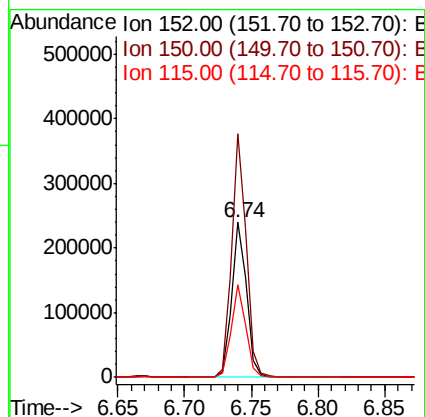
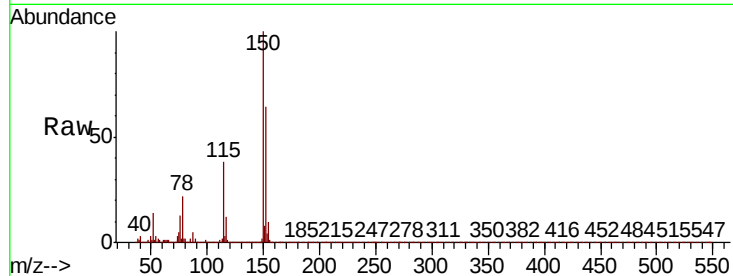
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.00 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.4	123.8	185.8
115	60.1	46.8	70.2

Manual Integrations
APPROVED

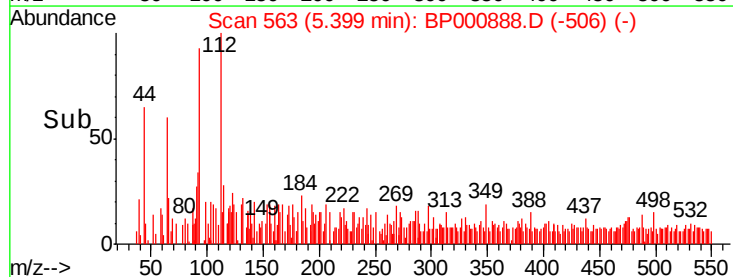
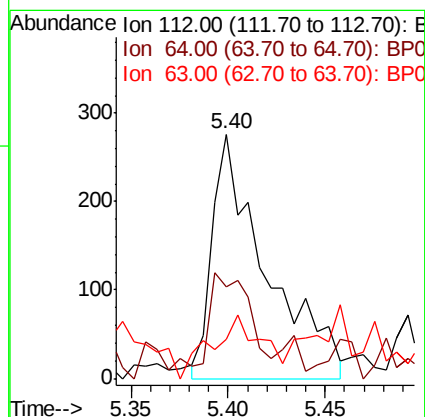
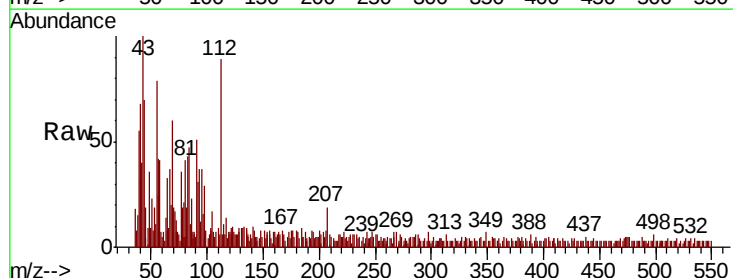
mohammad
10/22/2019 1:39:36 AM

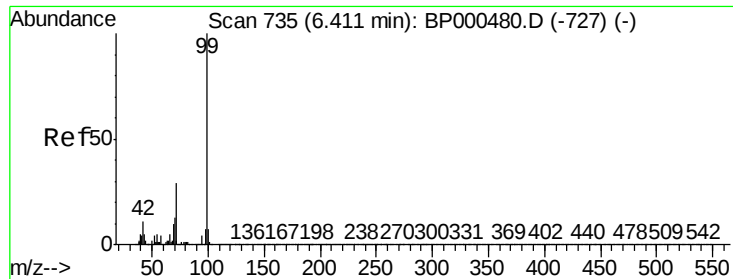


#5

2-Fluorophenol
Concen: 0.046 ng m
RT: 5.40 min Scan# 563
Delta R.T. 0.04 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	37.7	33.9	50.9
63	15.9	17.4	26.0





#7

Phenol-d6

Concen: 0.497 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BP000888.D

Acq: 18 Oct 2019 20:15

Instrument :

BNA_P

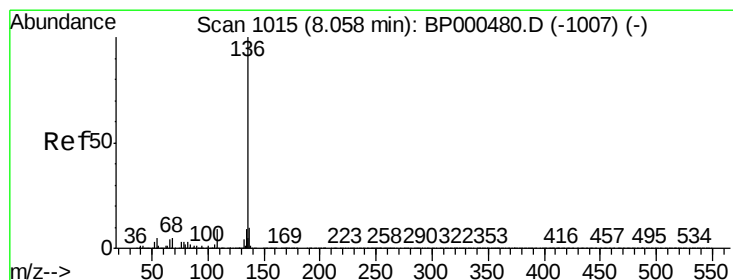
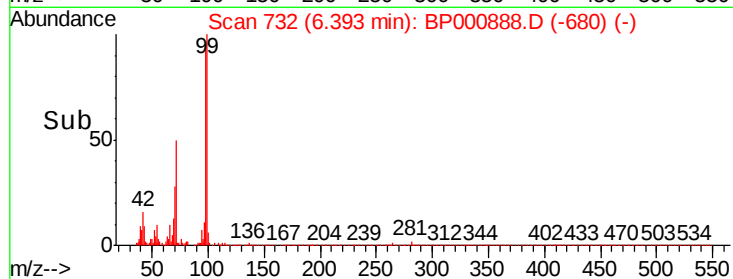
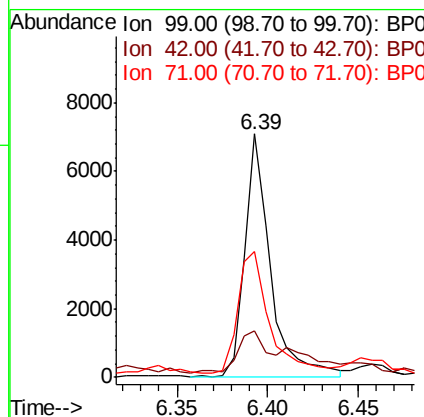
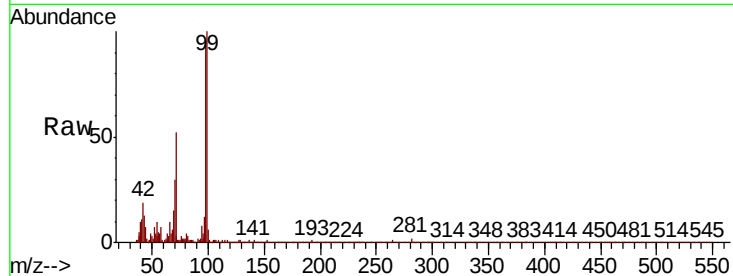
ClientSampleId :

AMENDED-COMPOSITE-C RE

Tot Ion:	99	Resp:	7002
Ion Ratio	Lower	Upper	
99	100		
42	18.9	8.7	13.1#
71	51.5	24.1	36.1#

Manual Integrations
APPROVED

mohammad
10/22/2019 1:39:36 AM



#21

Naphthalene-d8

Concen: 20.000 ng

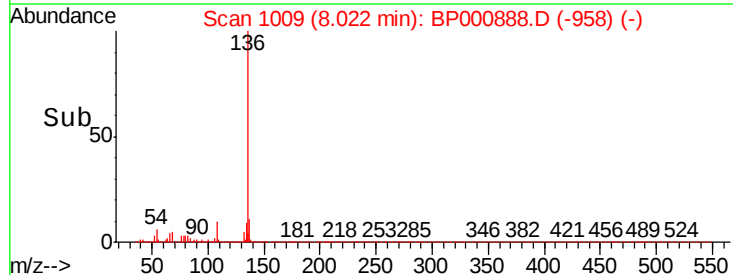
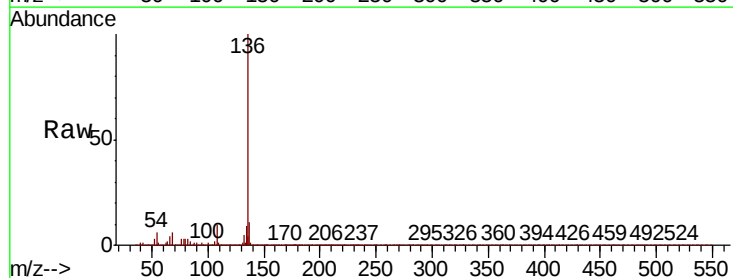
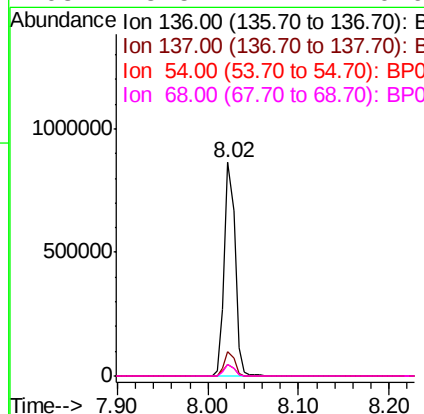
RT: 8.02 min Scan# 1009

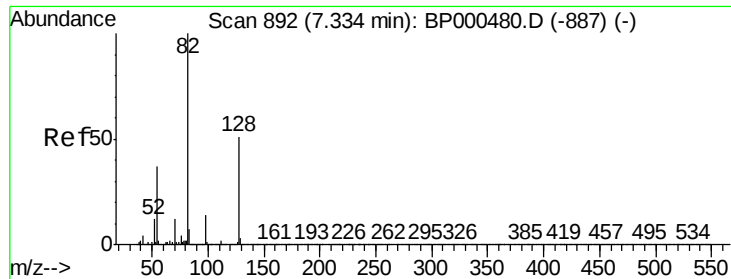
Delta R.T. -0.00 min

Lab File: BP000888.D

Acq: 18 Oct 2019 20:15

Tgt Ion:	136	Resp:	697932
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	5.7	4.6	6.8
68	5.5	4.4	6.6





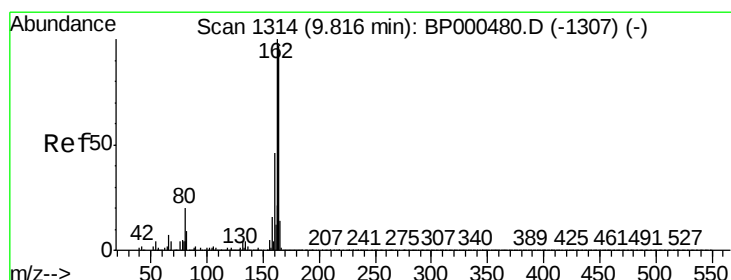
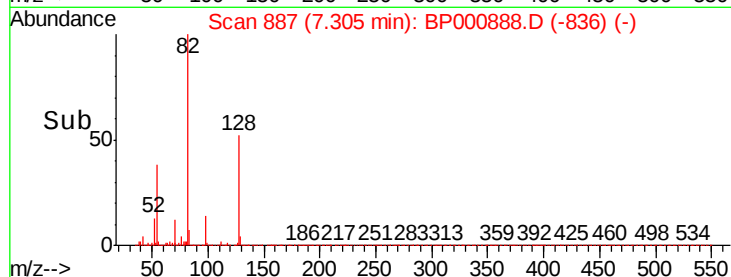
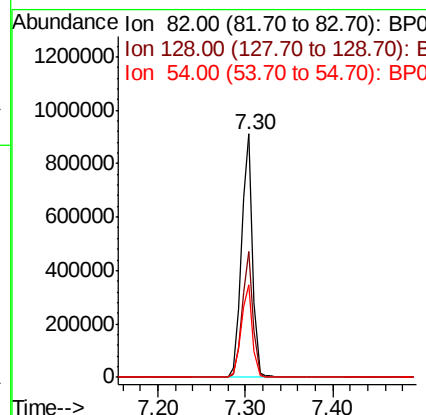
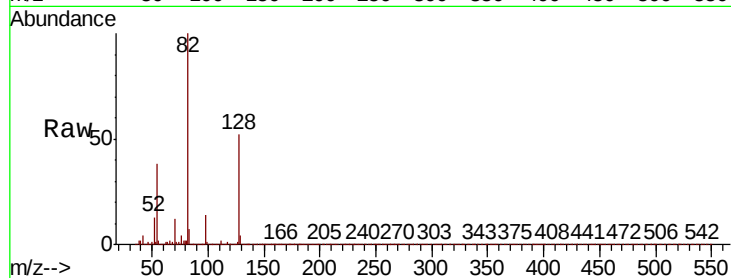
#23
Nitrobenzene-d5
Concen: 67.991 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Tot Ion	Ratio	Lower	Upper
82	100		
128	51.5	41.2	61.8
54	38.0	30.6	45.8

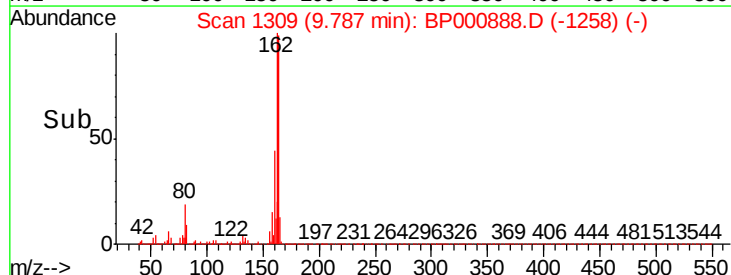
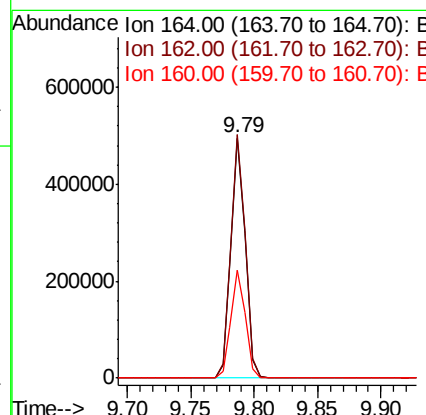
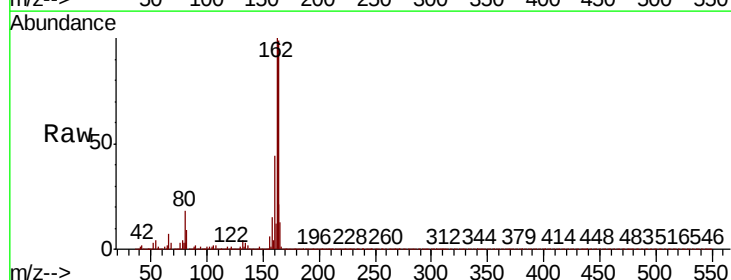
Manual Integrations
APPROVED

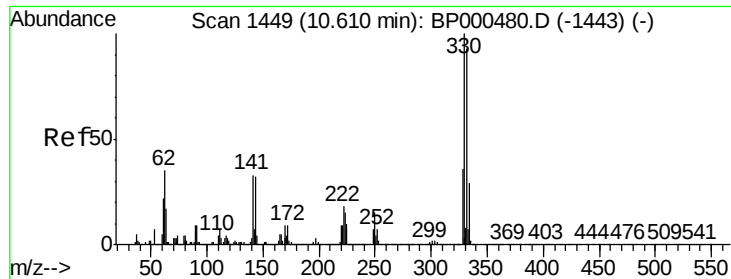
mohammad
10/22/2019 1:39:36 AM



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	80.6	121.0
160	44.7	35.4	53.2





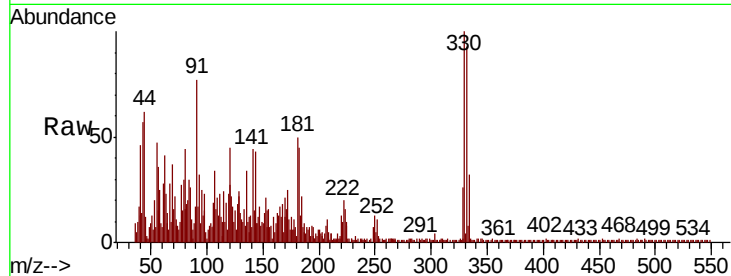
#42
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 10.59 min Scan# 1445
Delta R.T. 0.01 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	78.2	117.4
141	42.0	23.7	35.5#

Manual Integrations
APPROVED

mohammad
10/22/2019 1:39:36 AM

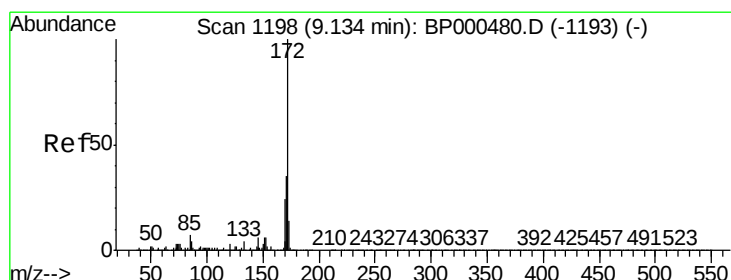
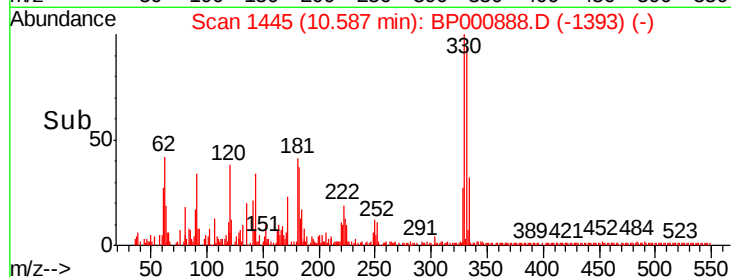
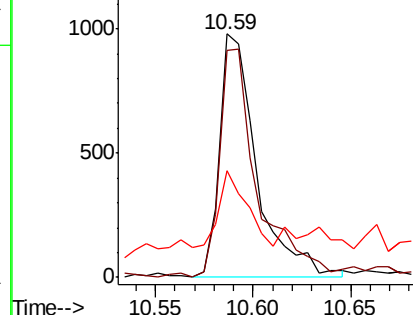


Abundance

Ion 329.80 (329.50 to 330.50): E

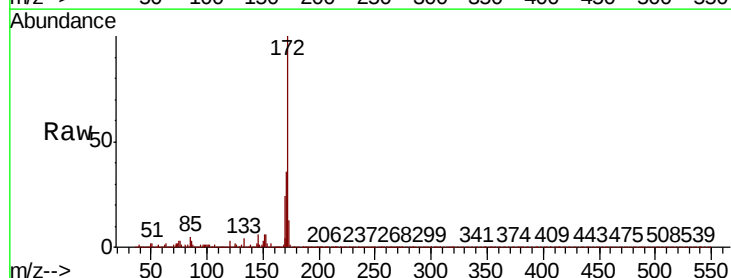
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 74.852 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.01 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.4
170	23.7	19.3	28.9

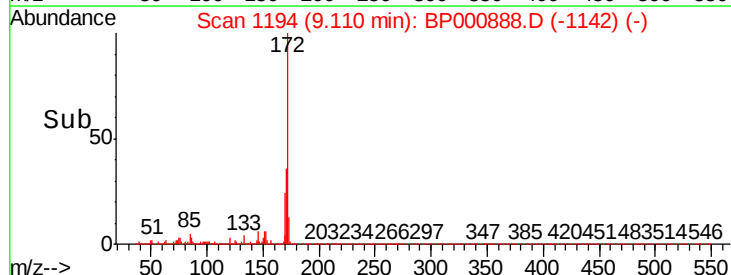
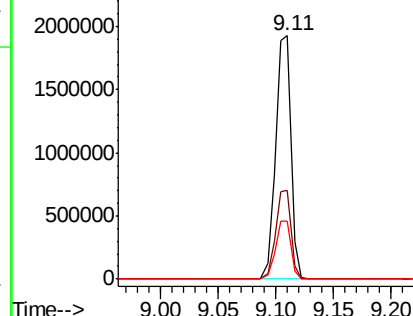


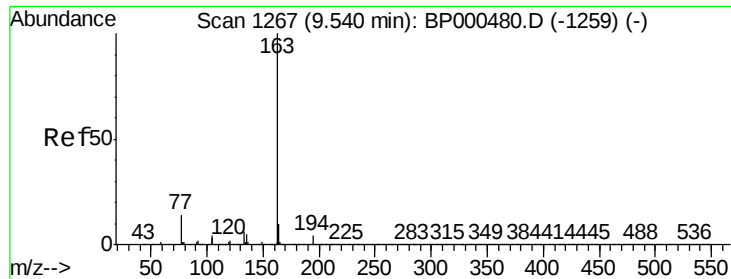
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





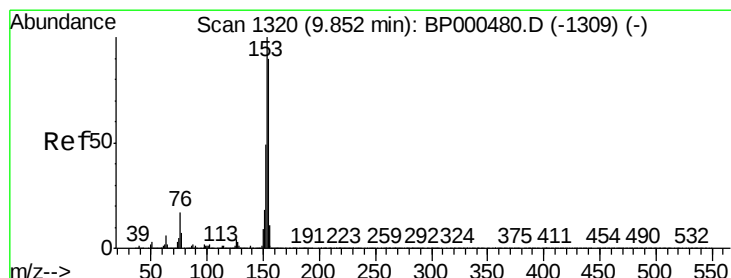
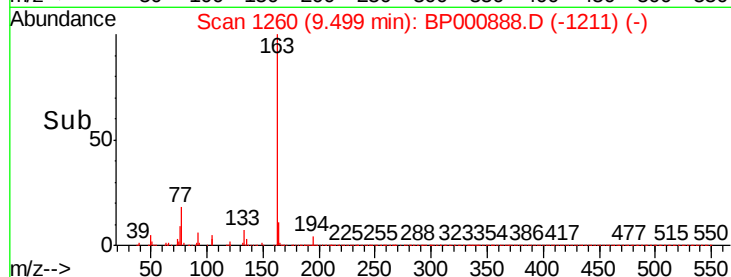
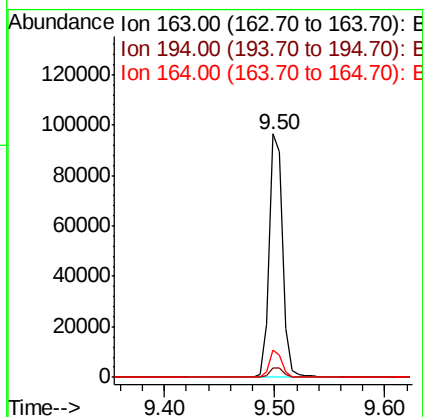
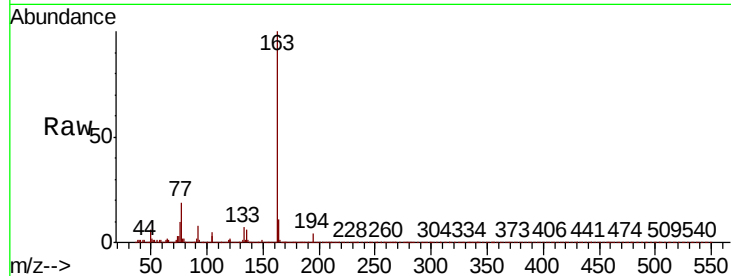
#50
Dimethylphthalate
Concen: 3.061 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.01 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C RE

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.5	5.3
164	11.0	8.3	12.5

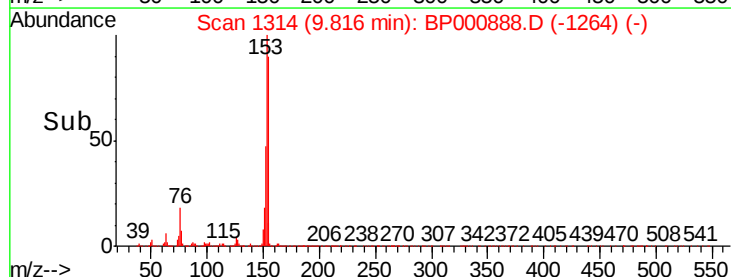
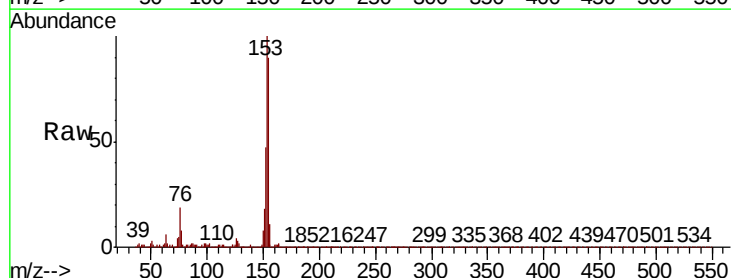
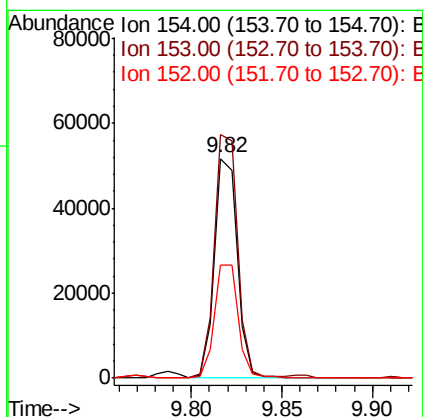
Manual Integrations
APPROVED

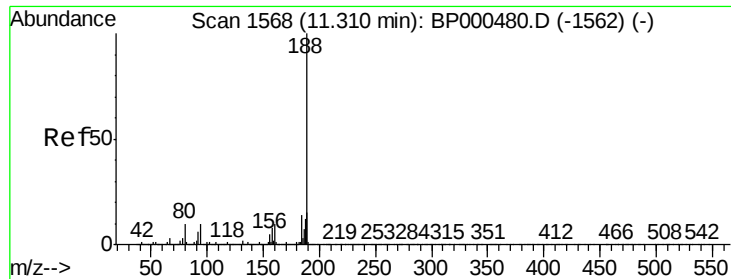
mohammad
10/22/2019 1:39:36 AM



#52
Acenaphthene
Concen: 2.175 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BP000888.D
Acq: 18 Oct 2019 20:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.0	90.4	135.6
152	51.7	42.5	63.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1564

Delta R.T. 0.01 min

Lab File: BP000888.D

Acq: 18 Oct 2019 20:15

Instrument :

BNA_P

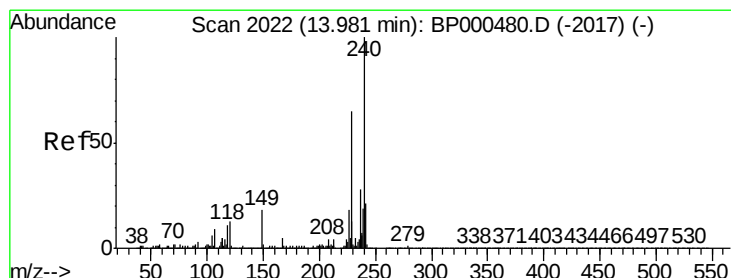
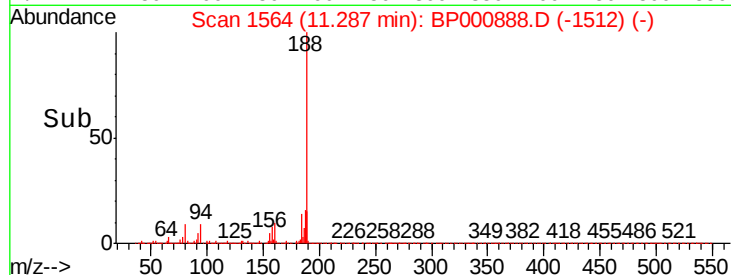
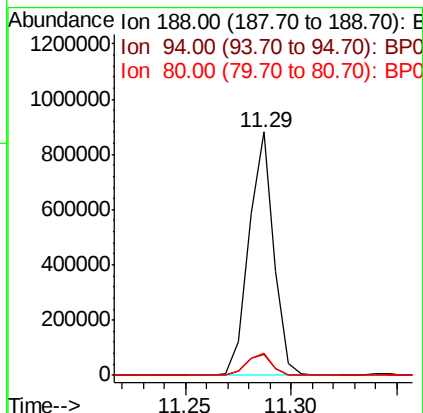
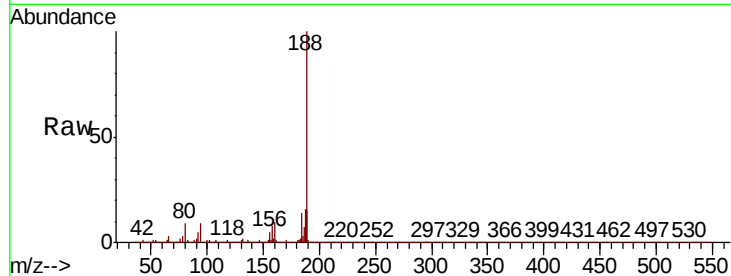
ClientSampleId :

AMENDED-COMPOSITE-C RE

Tot Ion:	188	Resp:	714478
Ion Ratio	Lower	Upper	
188	100		
94	8.8	8.0	12.0
80	8.9	8.2	12.4

Manual Integrations
APPROVED

mohammad
10/22/2019 1:39:36 AM



#76

Chrysene-d12

Concen: 20.000 ng

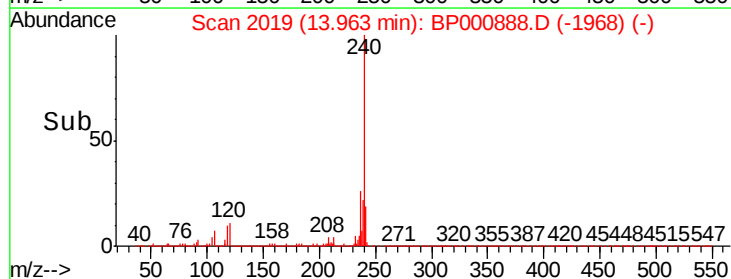
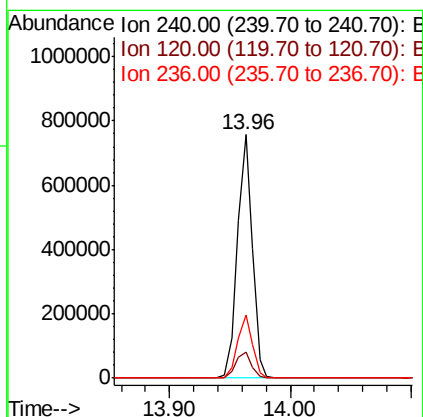
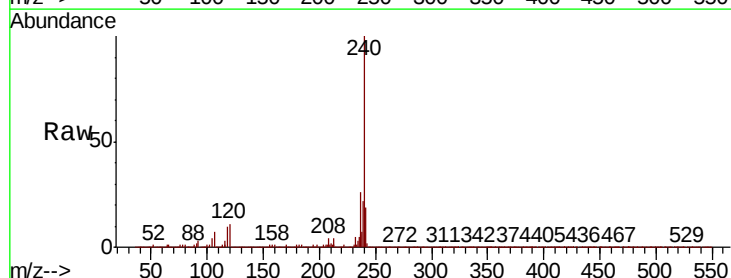
RT: 13.96 min Scan# 2019

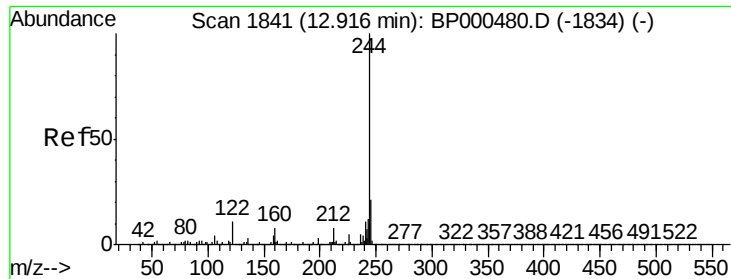
Delta R.T. -0.00 min

Lab File: BP000888.D

Acq: 18 Oct 2019 20:15

Tgt Ion:	240	Resp:	657979
Ion Ratio	Lower	Upper	
240	100		
120	10.6	7.3	10.9
236	26.2	21.2	31.8





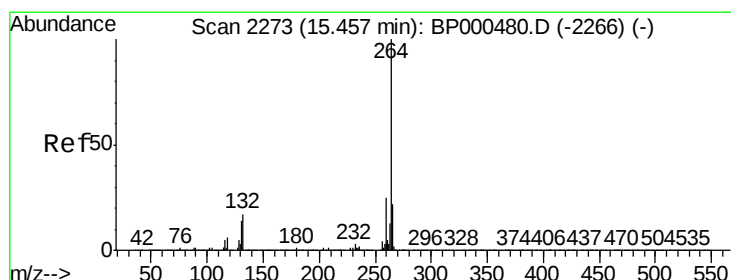
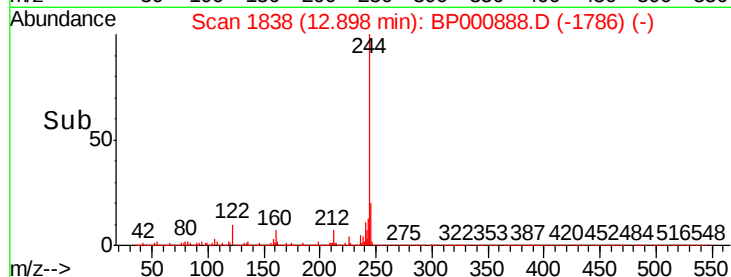
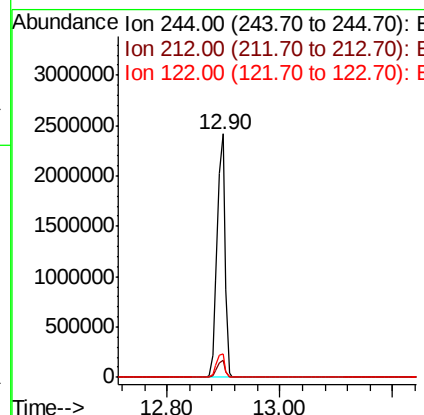
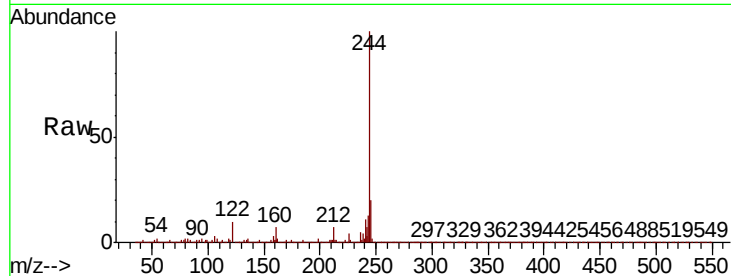
#79
 Terphenyl-d14
 Concen: 71.560 ng
 RT: 12.90 min Scan# 1838
 Delta R.T. 0.01 min
 Lab File: BP000888.D
 Acq: 18 Oct 2019 20:15

Instrument :
 BNA_P
 ClientSampleId :
 AMENDED-COMPOSITE-C RE

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.5	8.3
122	9.7	7.1	10.7

Manual Integrations
 APPROVED

mohammad
 10/22/2019 1:39:36 AM



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. 0.01 min
 Lab File: BP000888.D
 Acq: 18 Oct 2019 20:15

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.3	28.9
265	21.6	17.4	26.0

