Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090216\
Data File : BM007366.D
Acq On : 02 Sep 2016 13:27
Operator : UM/SJ
Sample : PB93150BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB93150BL

Manual Integrations APPROVED
UMANGI
9/2/2016 5:20:35 PM

Quant Time: Sep 02 14:28:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 12:51:17 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	1948	5.00	ng	-0.02
7) Naphthalene-d8	10.58	136	8249	5.00	ng	0.00
13) Acenaphthene-d10	14.42	164	6161	5.00	ng	0.00
19) Phenanthrene-d10	17.16	188	18506	5.00	ng	0.00
26) Chrysene-d12	21.35	240	19152	5.00	ng	0.00
35) Perylene-d12	23.62	264	16017	5.00	ng	0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.39	112	3085	7.67	ng	0.00
5) Phenol-d6	6.97	99	3739	6.81	ng	0.00
8) Nitrobenzene-d5	8.95	82	1437	3.12	ng	-0.01
14) 2,4,6-Tribromophenol	15.93	330	1619m	6.79	ng	0.00
15) 2-Fluorobiphenyl	13.05	172	6205	3.24	ng	0.00
29) Terphenyl-d14	19.79	244	9730	3.79	ng	0.00
Target Compounds						Qvalue

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

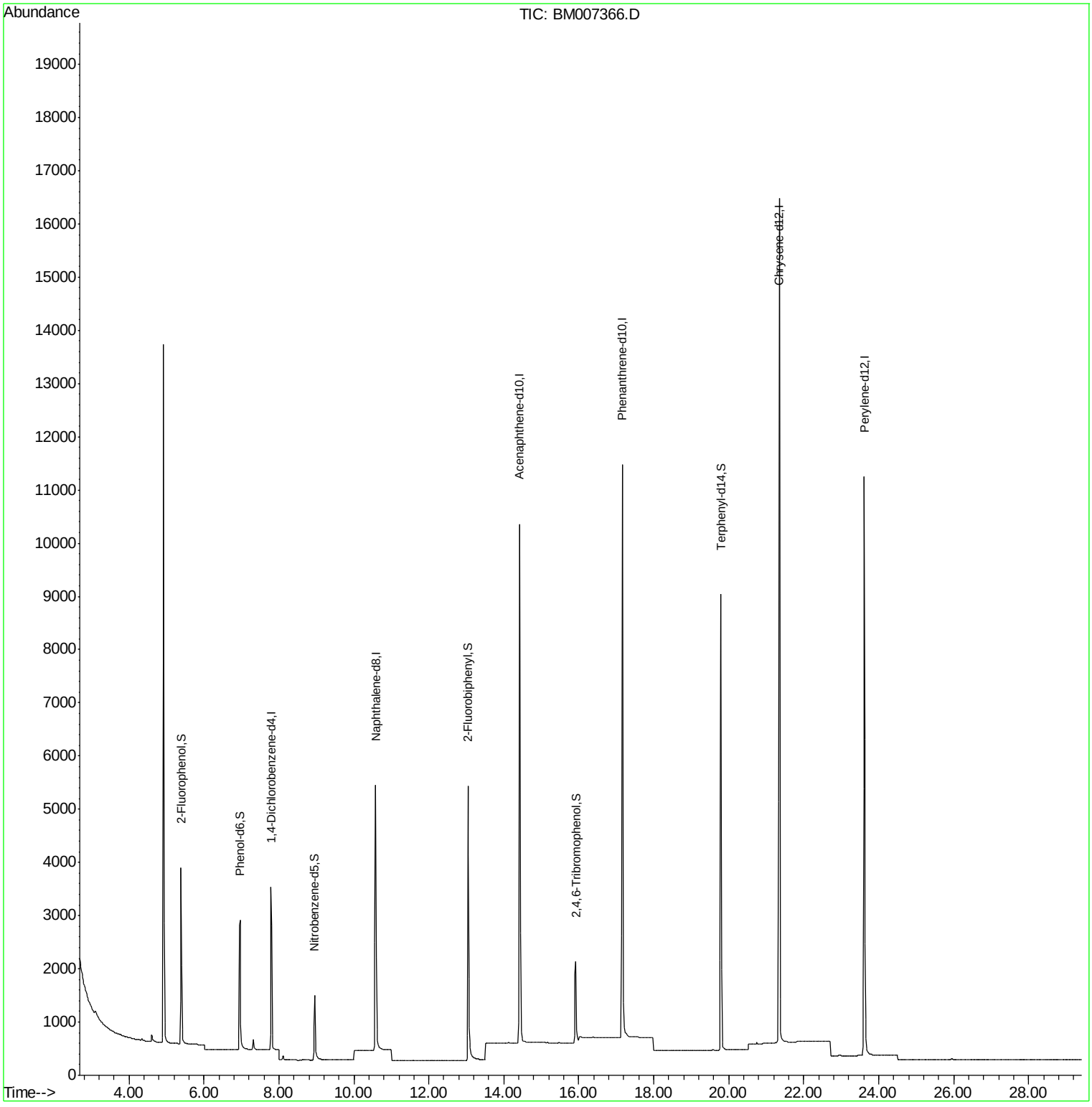
Quantitation Report (QT Reviewed)

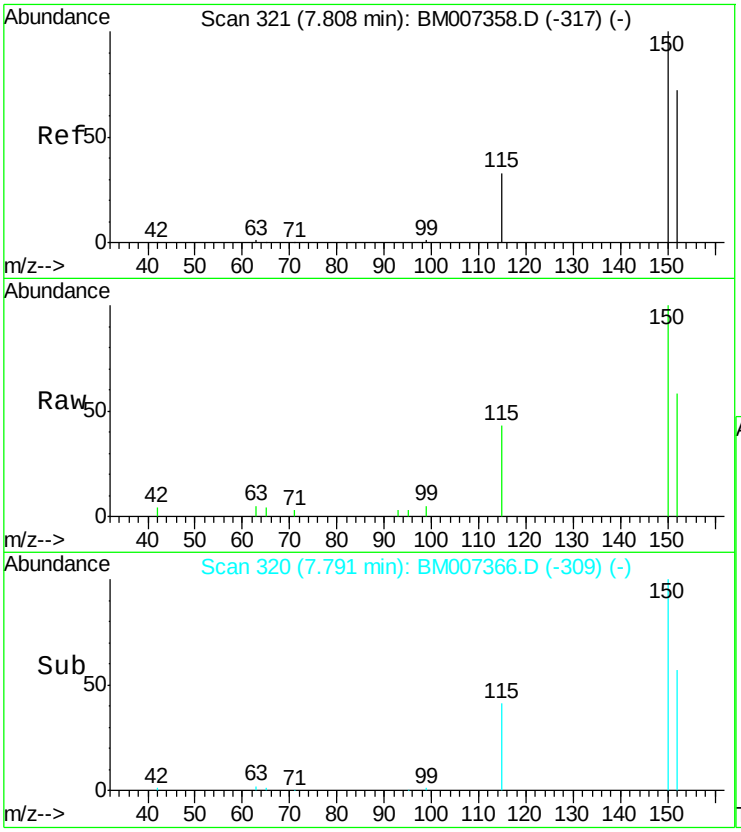
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090216\
Data File : BM007366.D
Acq On : 02 Sep 2016 13:27
Operator : UM/SJ
Sample : PB93150BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Sep 02 14:28:26 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-SIM-BM090116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 02 12:51:17 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
PB93150BL

Manual Integrations APPROVED
UMANGI
9/2/2016 5:20:35 PM

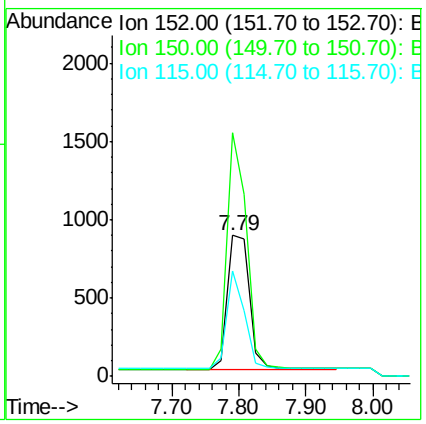




#1
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.79 min Scan# 320
Delta R.T. -0.02 min
Lab File: BM007366.D
Acq: 02 Sep 2016 13:27

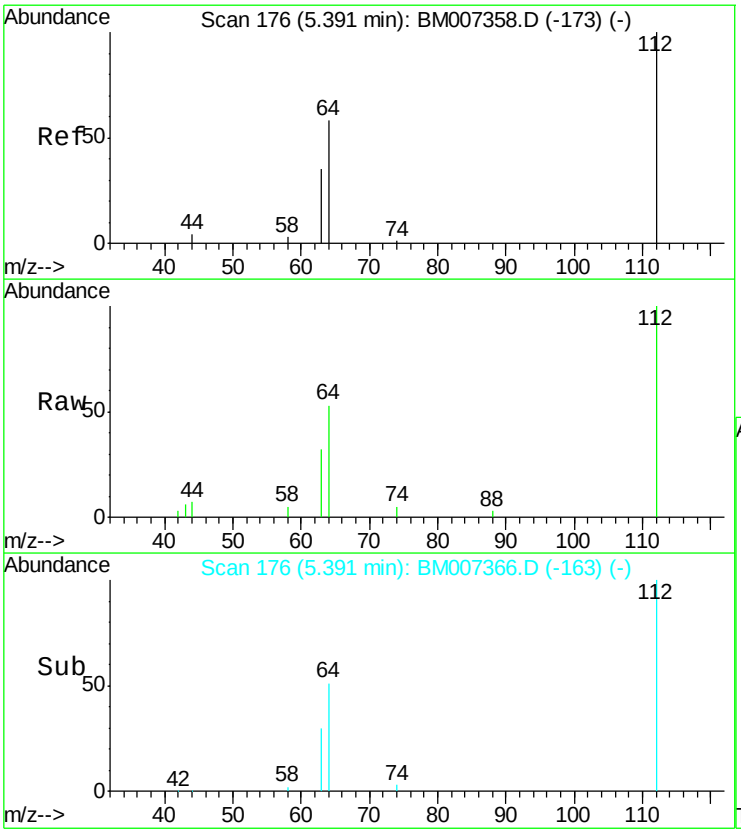
Tgt Ion:152 Resp: 1948

Ion	Ratio	Lower	Upper
152	100		
150	173.0	109.8	164.8#
115	74.4	39.0	58.4#



Instrument :
BNA_M
ClientSampleId :
PB93150BL

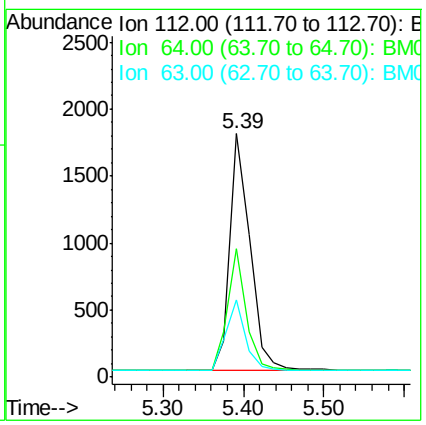
Manual Integrations APPROVED
UMANGI
9/2/2016 5:20:35 PM

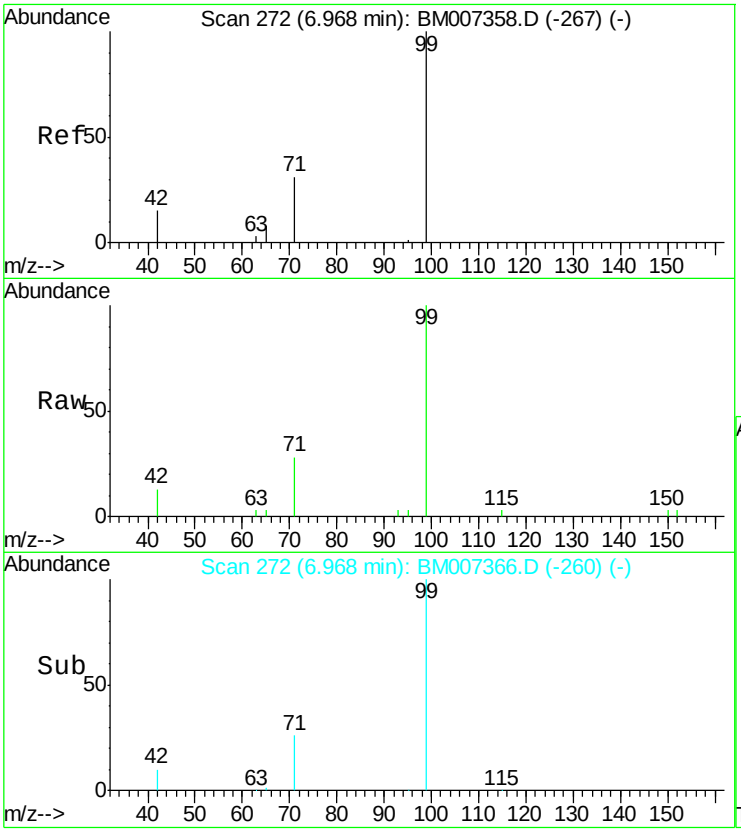


#4
2-Fluorophenol
Concen: 7.67 ng
RT: 5.39 min Scan# 176
Delta R.T. 0.00 min
Lab File: BM007366.D
Acq: 02 Sep 2016 13:27

Tgt Ion:112 Resp: 3085

Ion	Ratio	Lower	Upper
112	100		
64	48.0	36.9	55.3
63	29.3	22.6	34.0

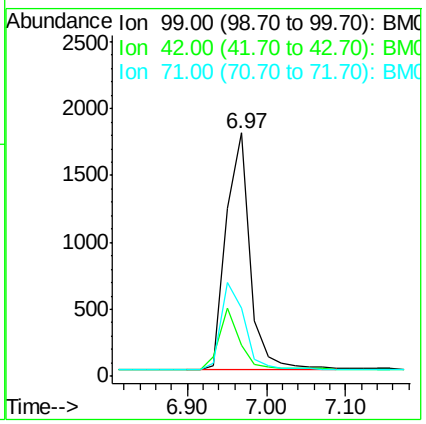




#5
Phenol-d6
Concen: 6.81 ng
RT: 6.97 min Scan# 272
Delta R.T. 0.00 min
Lab File: BM007366.D
Acq: 02 Sep 2016 13:27

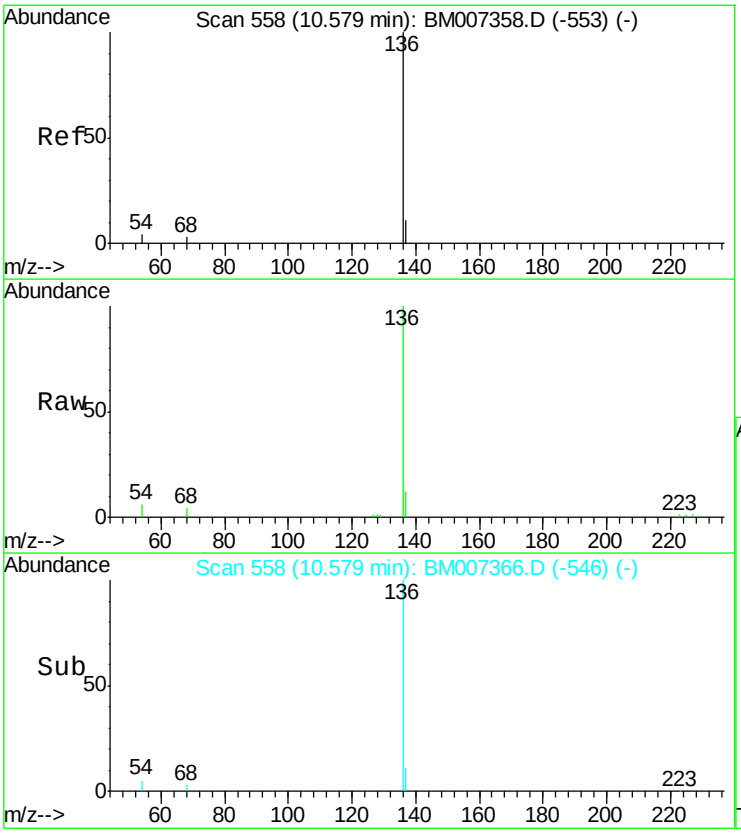
Tgt Ion: 99 Resp: 3739

Ion	Ratio	Lower	Upper
99	100		
42	22.4	19.8	29.8
71	36.8	28.1	42.1



Instrument :
BNA_M
ClientSampleId :
PB93150BL

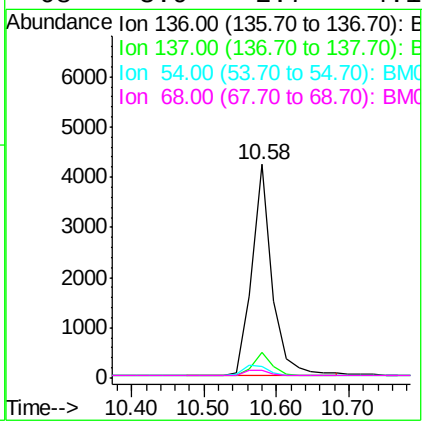
Manual Integrations APPROVED
UMANGI
9/2/2016 5:20:35 PM

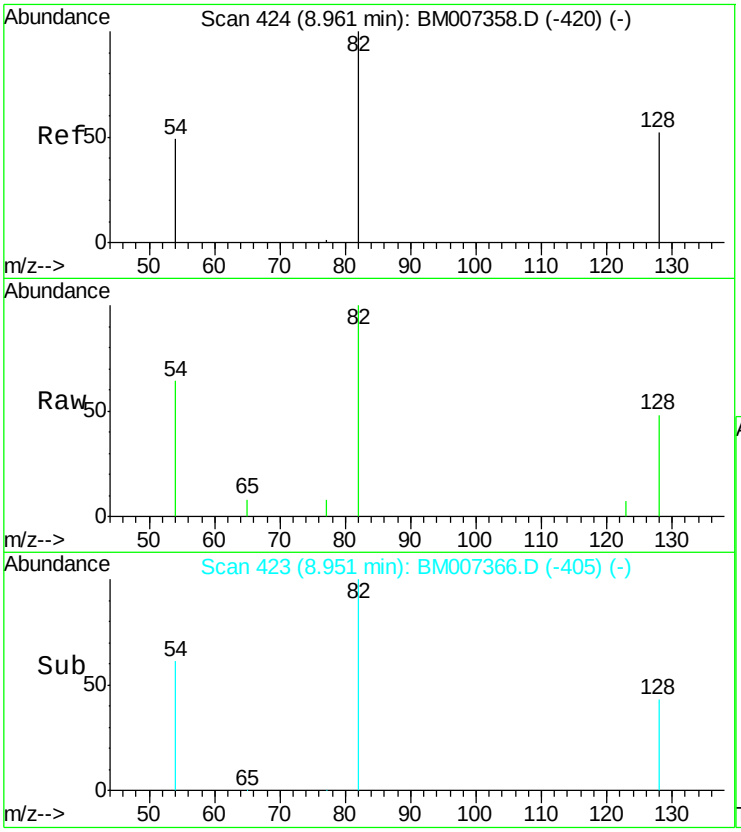


#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.58 min Scan# 558
Delta R.T. 0.00 min
Lab File: BM007366.D
Acq: 02 Sep 2016 13:27

Tgt Ion:136 Resp: 8249

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.4	14.0
54	5.7	4.0	6.0
68	3.9	2.7	4.1

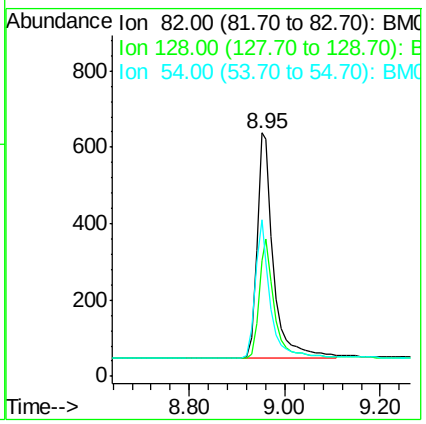




#8
Nitrobenzene-d5
Concen: 3.12 ng
RT: 8.95 min Scan# 423
Delta R.T. -0.01 min
Lab File: BM007366.D
Acq: 02 Sep 2016 13:27

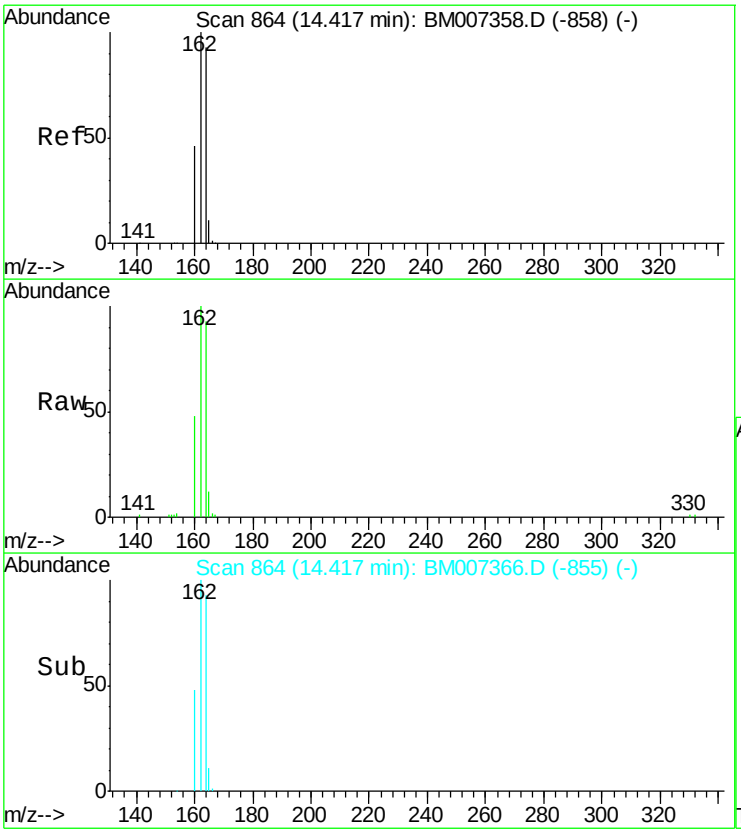
Tgt Ion: 82 Resp: 1437

Ion	Ratio	Lower	Upper
82	100		
128	47.6	54.9	82.3#
54	64.1	53.8	80.6



Instrument :
BNA_M
ClientSampleId :
PB93150BL

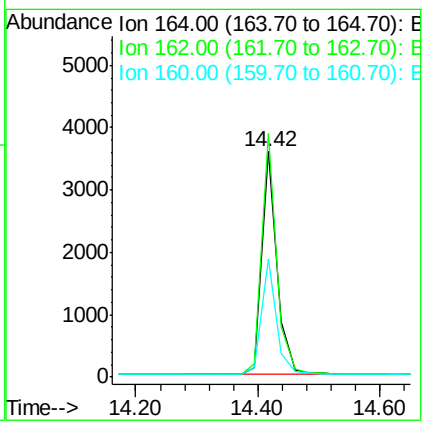
Manual Integrations APPROVED
UMANGI
9/2/2016 5:20:35 PM

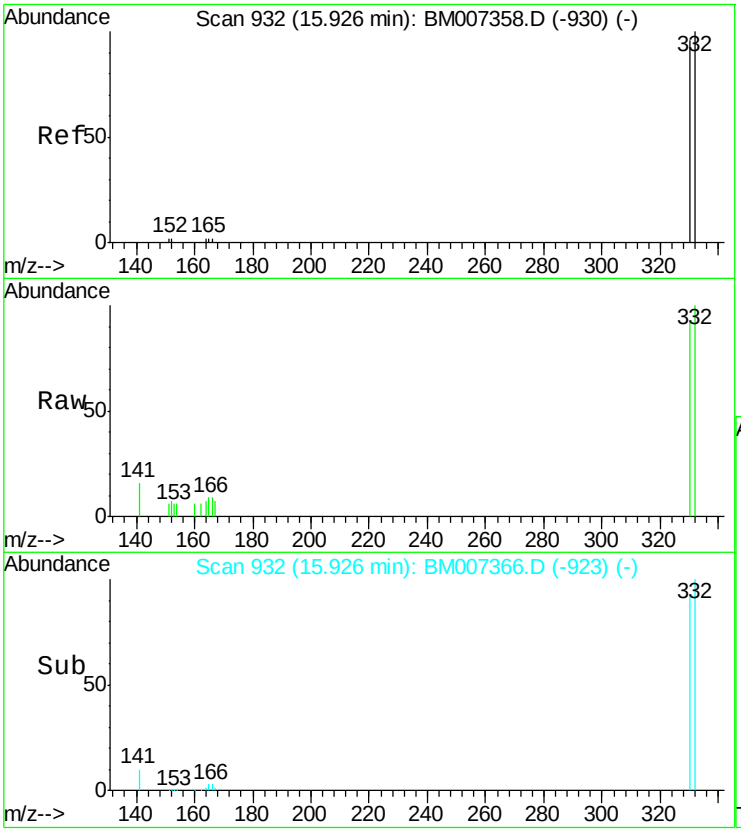


#13
Acenaphthene-d10
Concen: 5.00 ng
RT: 14.42 min Scan# 864
Delta R.T. 0.00 min
Lab File: BM007366.D
Acq: 02 Sep 2016 13:27

Tgt Ion:164 Resp: 6161

Ion	Ratio	Lower	Upper
164	100		
162	108.0	86.2	129.4
160	52.3	40.5	60.7

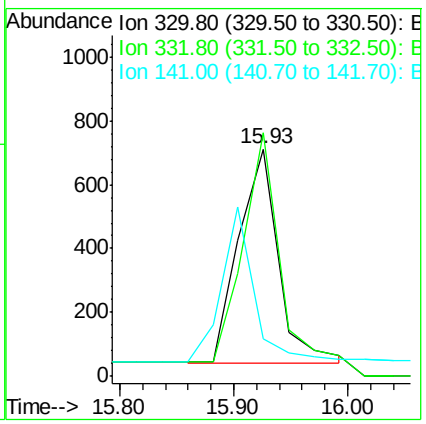




#14
2,4,6-Tribromophenol
Concen: 6.79 ng m
RT: 15.93 min Scan# 932
Delta R.T. 0.00 min
Lab File: BM007366.D
Acq: 02 Sep 2016 13:27

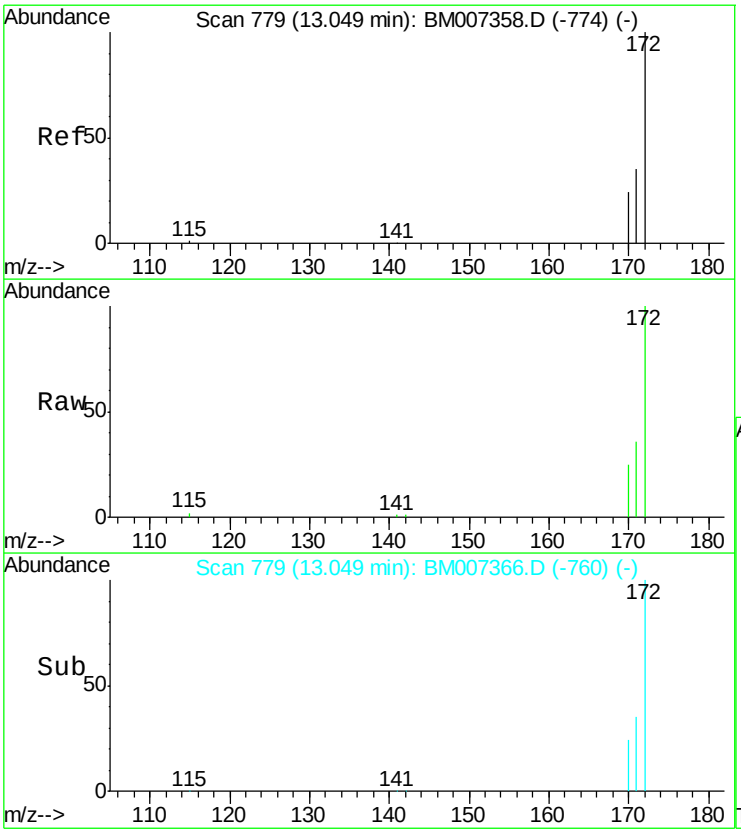
Tgt Ion:330 Resp: 1619

Ion	Ratio	Lower	Upper
330	100		
332	117.1	79.2	118.8
141	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
PB93150BL

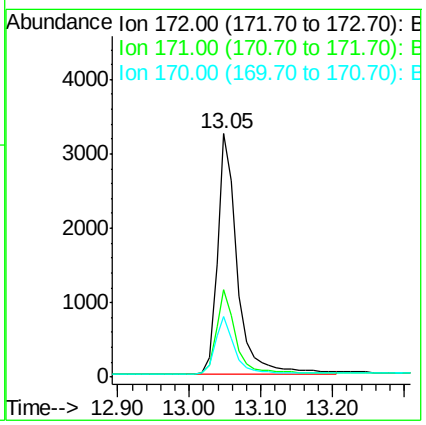
Manual Integrations APPROVED
UMANGI
9/2/2016 5:20:35 PM

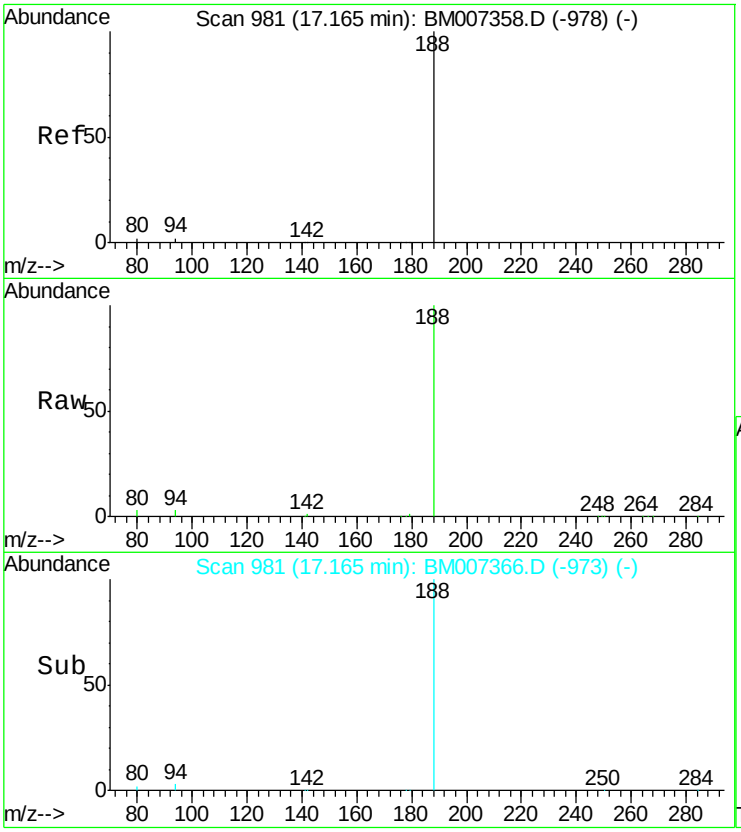


#15
2-Fluorobiphenyl
Concen: 3.24 ng
RT: 13.05 min Scan# 779
Delta R.T. 0.00 min
Lab File: BM007366.D
Acq: 02 Sep 2016 13:27

Tgt Ion:172 Resp: 6205

Ion	Ratio	Lower	Upper
172	100		
171	36.1	32.2	48.2
170	25.0	23.5	35.3





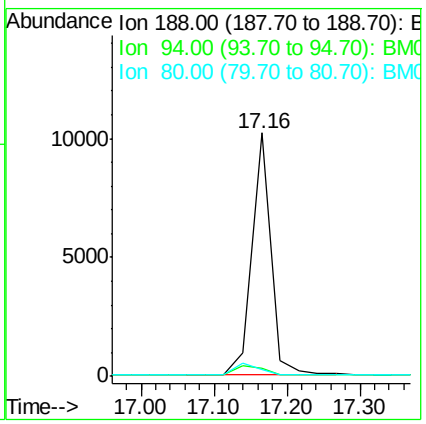
#19
Phenanthrene-d10
Concen: 5.00 ng
RT: 17.16 min Scan# 981
Delta R.T. 0.00 min
Lab File: BM007366.D
Acq: 02 Sep 2016 13:27

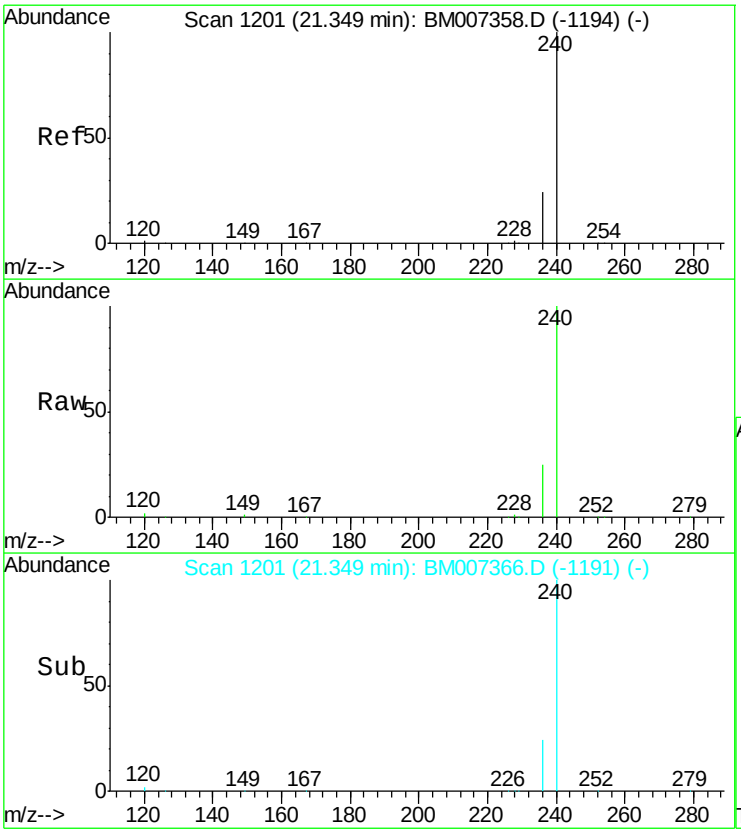
Tgt Ion:188 Resp: 18506

Ion	Ratio	Lower	Upper
188	100		
94	3.3	2.0	3.0#
80	2.8	1.6	2.4#

Instrument :
BNA_M
ClientSampleId :
PB93150BL

Manual Integrations APPROVED
UMANGI
9/2/2016 5:20:35 PM

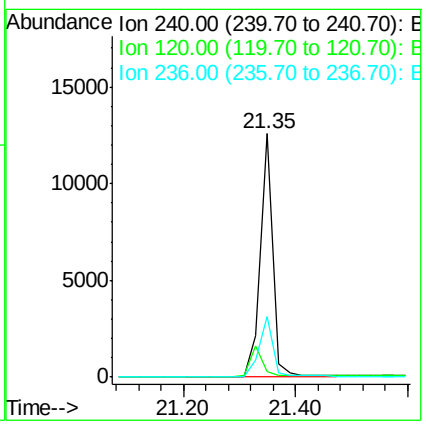


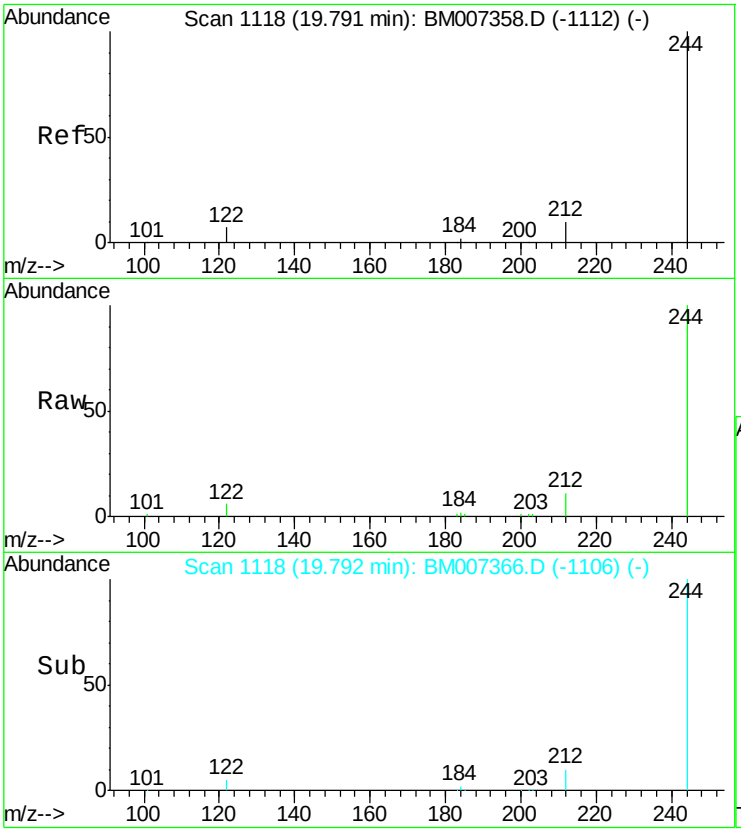


#26
Chrysene-d12
Concen: 5.00 ng
RT: 21.35 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BM007366.D
Acq: 02 Sep 2016 13:27

Tgt Ion:240 Resp: 19152

Ion	Ratio	Lower	Upper
240	100		
120	2.2	1.3	1.9#
236	24.7	19.1	28.7

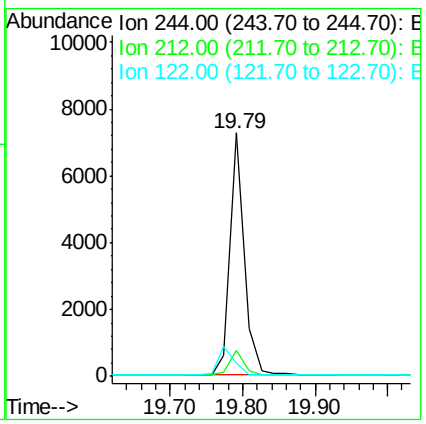




#29
Terphenyl-d14
Concen: 3.79 ng
RT: 19.79 min Scan# 1118
Delta R.T. 0.00 min
Lab File: BM007366.D
Acq: 02 Sep 2016 13:27

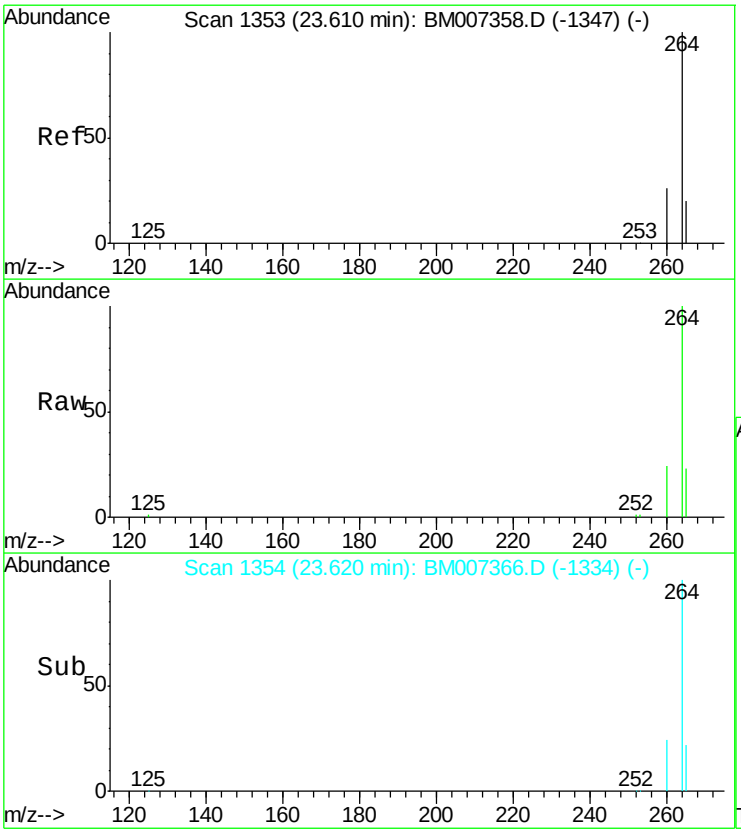
Tgt Ion:244 Resp: 9730

Ion	Ratio	Lower	Upper
244	100		
212	10.9	12.2	18.4#
122	5.6	9.6	14.4#



Instrument :
BNA_M
ClientSampleId :
PB93150BL

Manual Integrations APPROVED
UMANGI
9/2/2016 5:20:35 PM



#35
Perylene-d12
Concen: 5.00 ng
RT: 23.62 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BM007366.D
Acq: 02 Sep 2016 13:27

Tgt Ion:264 Resp: 16017

Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.2	31.8
265	23.1	17.1	25.7