Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
Data File : BM047387.D
Acq On : 28 Aug 2024 19:07
Operator : RC/JU
Sample : P3749-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-082624

Quant Time: Aug 29 03:03:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

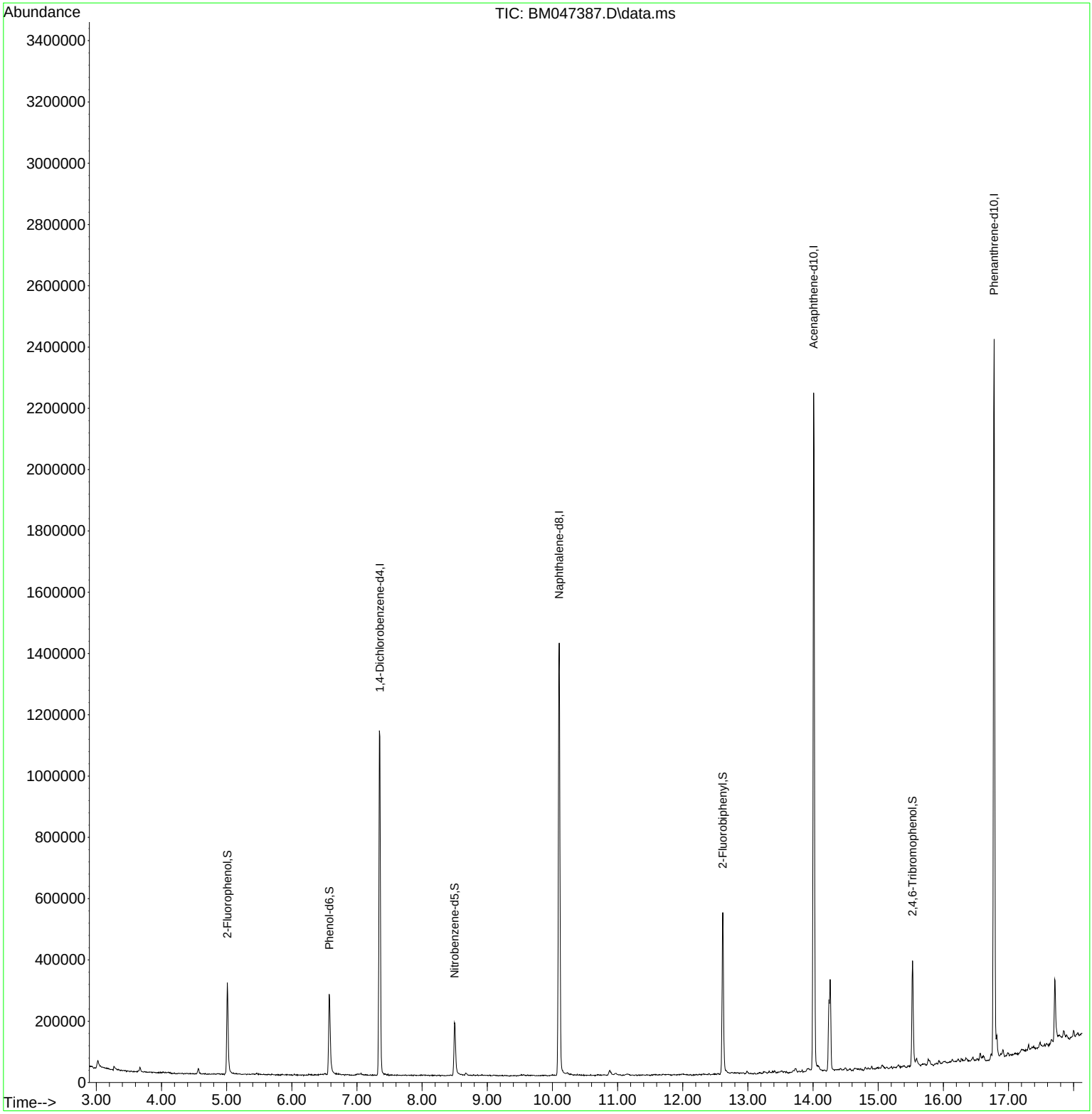
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.351	152	328886	20.000	ng	0.00
21) Naphthalene-d8	10.104	136	1231568	20.000	ng	0.00
39) Acenaphthene-d10	14.010	164	803963	20.000	ng	0.00
64) Phenanthrene-d10	16.780	188	1455273	20.000	ng	0.00
76) Chrysene-d12	21.021	240	979338	20.000	ng	0.00
86) Perylene-d12	23.727	264	1106662	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.010	112	143841	8.391	ng	0.00
7) Phenol-d6	6.575	99	186201	7.974	ng	0.00
23) Nitrobenzene-d5	8.498	82	116748	5.260	ng	0.00
42) 2,4,6-Tribromophenol	15.527	330	71139	7.334	ng	0.00
45) 2-Fluorobiphenyl	12.616	172	309442	5.914	ng	0.00
79) Terphenyl-d14	19.445	244	330375	6.005	ng	0.00
Target Compounds						Qvalue
88) Benzo(b)fluoranthene	22.886	252	136597	2.116	ng	# 77

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
Data File : BM047387.D
Acq On : 28 Aug 2024 19:07
Operator : RC/JU
Sample : P3749-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-082624

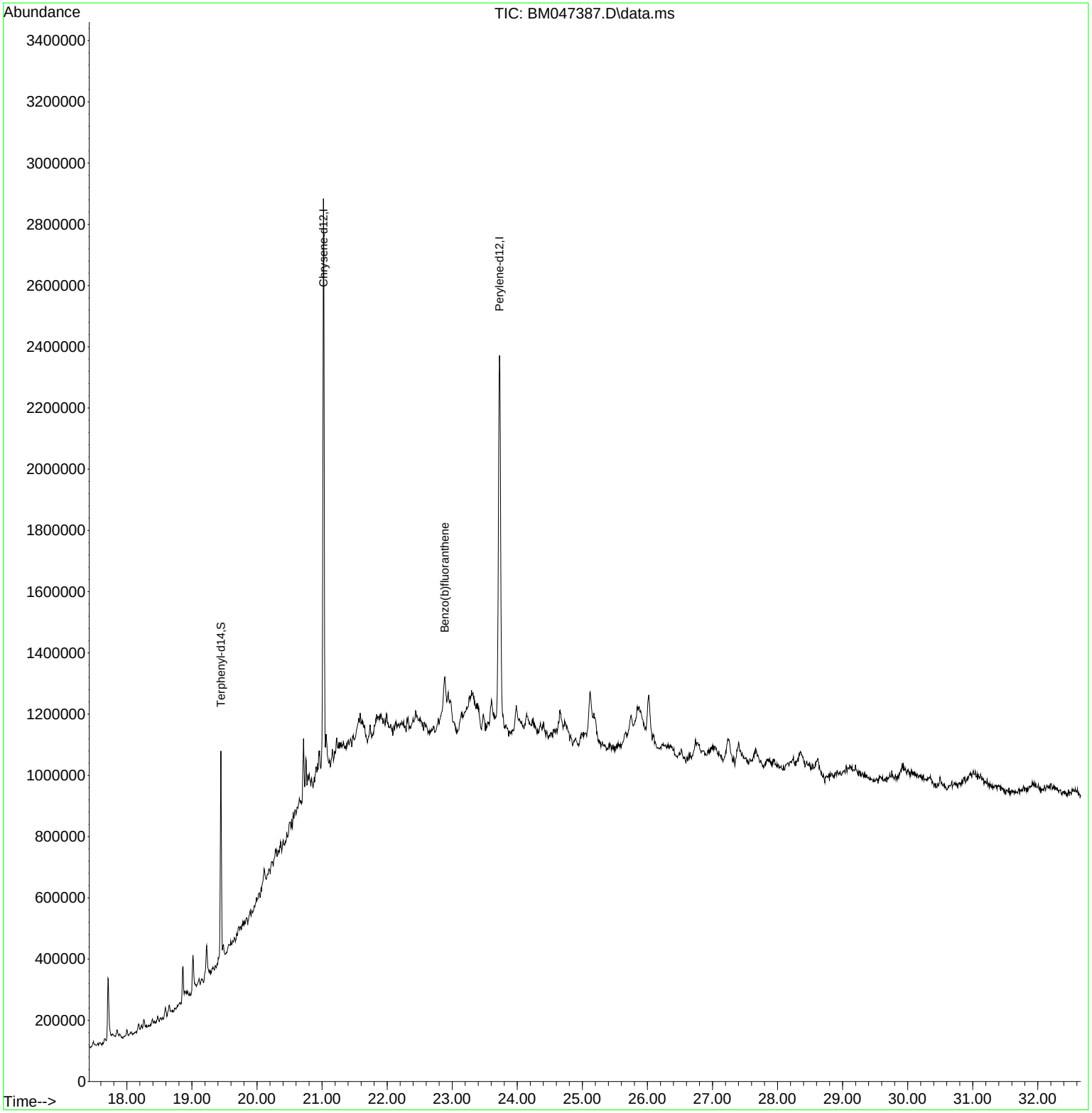
Quant Time: Aug 29 03:03:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration

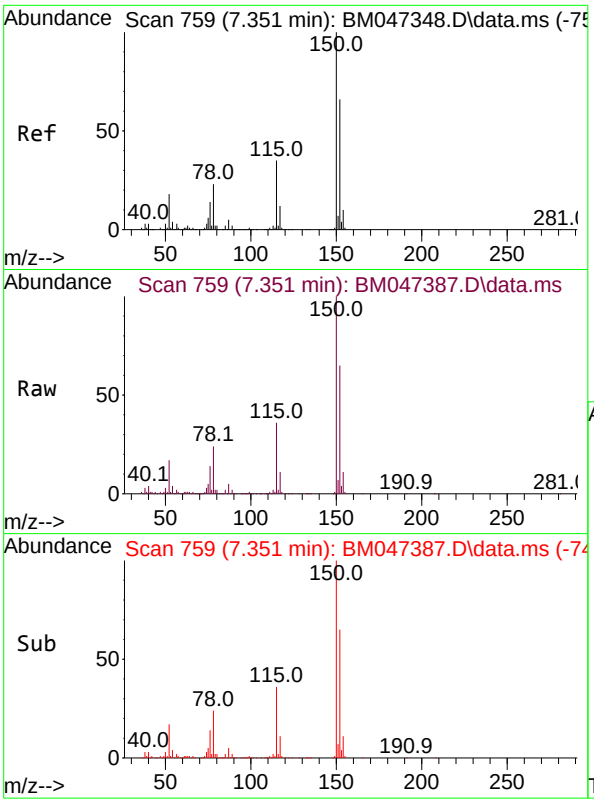


Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082824\
Data File : BM047387.D
Acq On : 28 Aug 2024 19:07
Operator : RC/JU
Sample : P3749-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CL-01-082624

Quant Time: Aug 29 03:03:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 26 18:11:40 2024
Response via : Initial Calibration



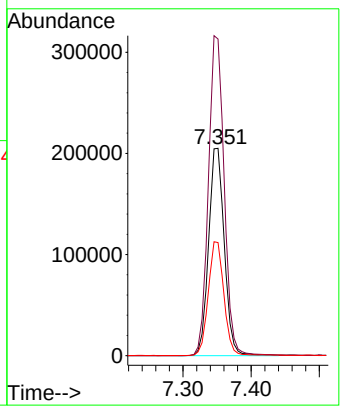


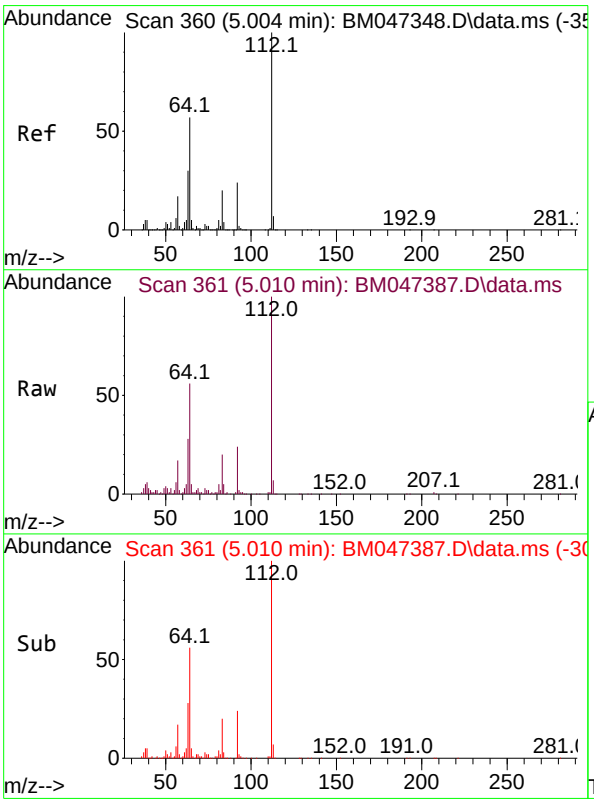
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.351 min Scan# 7
Delta R.T. 0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Instrument :
BNA_M
ClientSampleId :
CL-01-082624

Tgt Ion:152 Resp: 328886

Ion	Ratio	Lower	Upper
152	100		
150	152.7	121.3	181.9
115	54.6	42.6	64.0

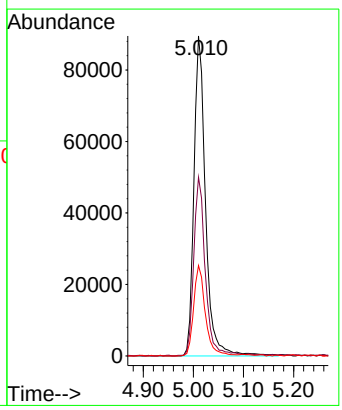


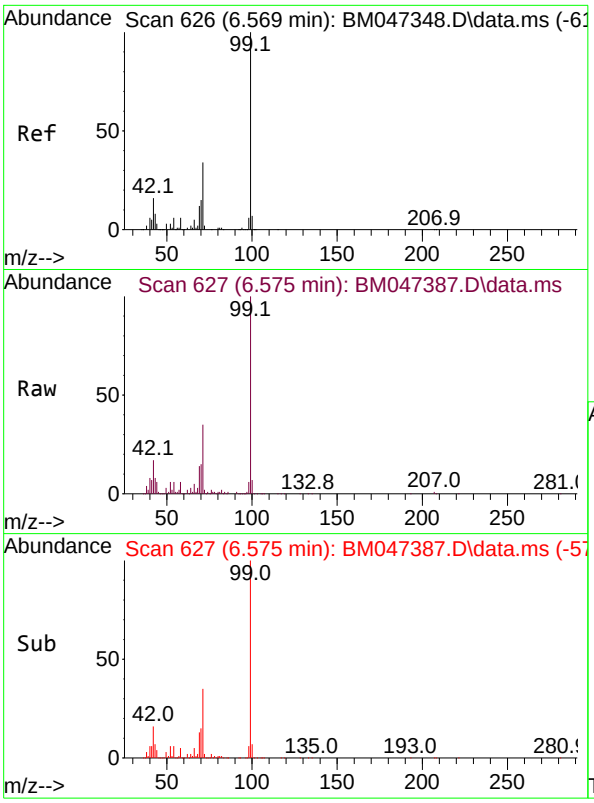


#5
2-Fluorophenol
Concen: 8.391 ng
RT: 5.010 min Scan# 361
Delta R.T. 0.006 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Tgt Ion:112 Resp: 143841

Ion	Ratio	Lower	Upper
112	100		
64	55.9	45.7	68.5
63	28.2	23.8	35.8



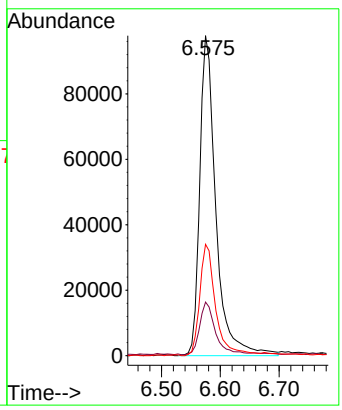


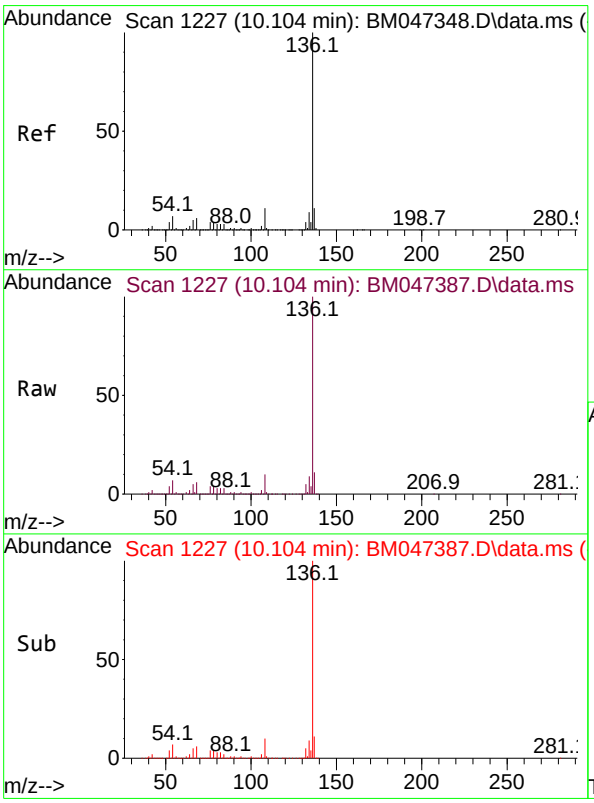
#7
Phenol-d6
Concen: 7.974 ng
RT: 6.575 min Scan# 6
Delta R.T. 0.006 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Instrument :
BNA_M
ClientSampleId :
CL-01-082624

Tgt Ion: 99 Resp: 186201

Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.0	19.4
71	34.8	27.5	41.3

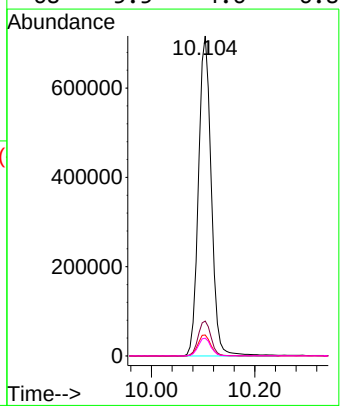


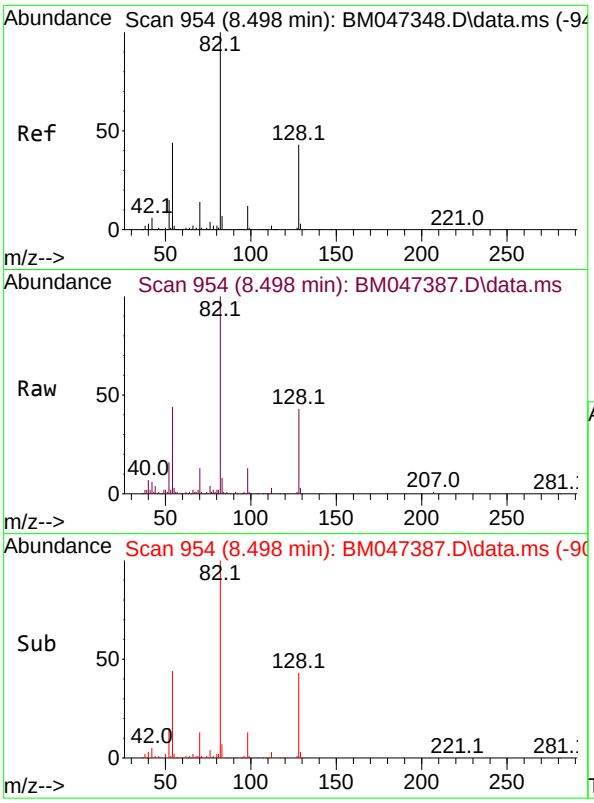


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.104 min Scan# 1227
Delta R.T. 0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Tgt Ion:136 Resp: 1231568

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	6.6	5.2	7.8
68	5.5	4.6	6.8



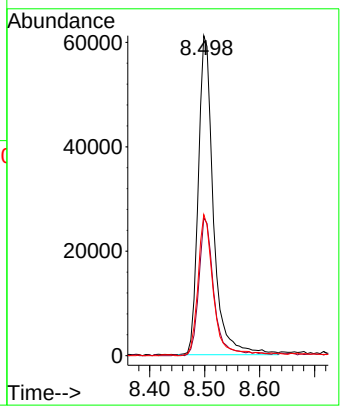


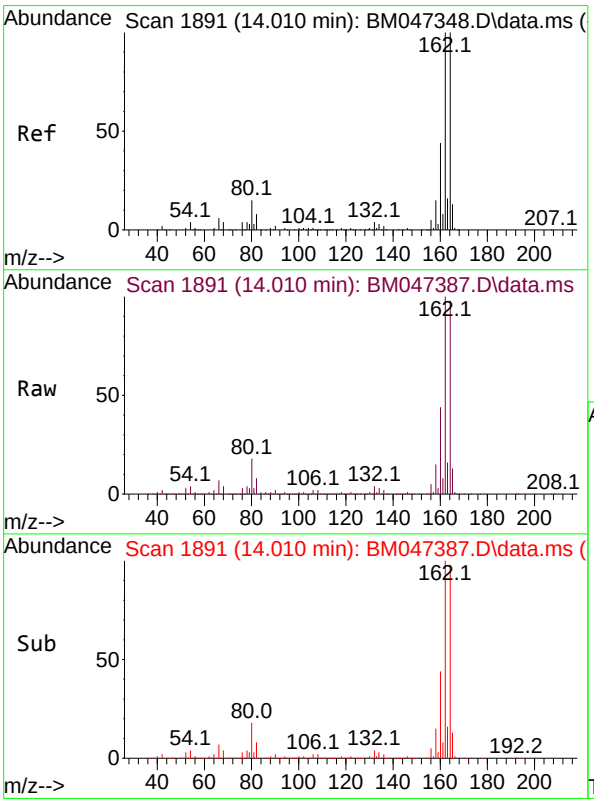
#23
Nitrobenzene-d5
Concen: 5.260 ng
RT: 8.498 min Scan# 9
Delta R.T. 0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Instrument :
BNA_M
ClientSampleId :
CL-01-082624

Tgt Ion: 82 Resp: 116748

Ion	Ratio	Lower	Upper
82	100		
128	43.0	34.6	51.8
54	44.1	35.5	53.3

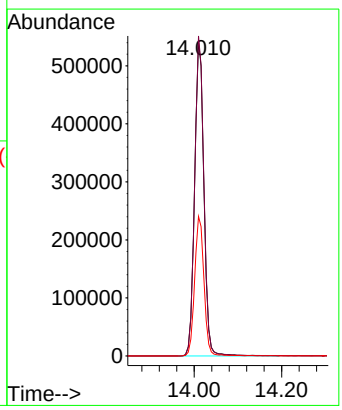


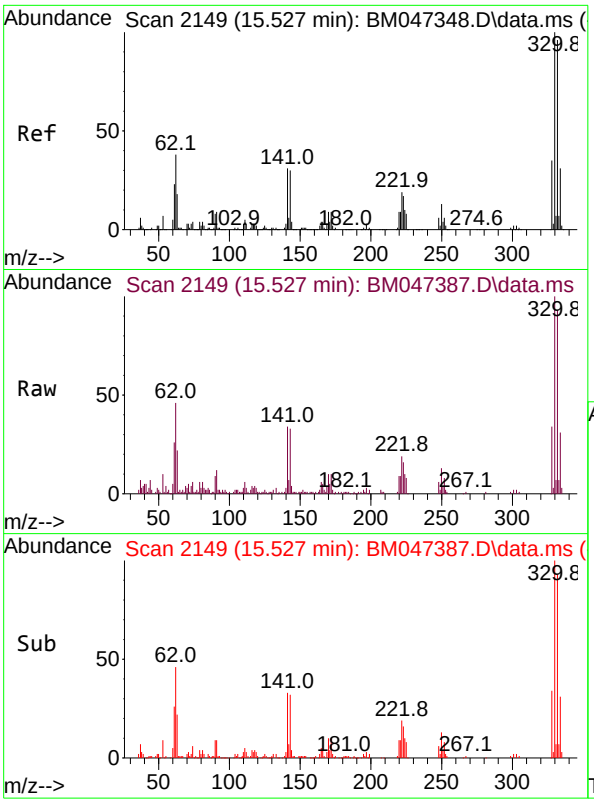


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.010 min Scan# 1891
Delta R.T. -0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Tgt Ion:164 Resp: 803963

Ion	Ratio	Lower	Upper
164	100		
162	101.7	79.7	119.5
160	44.3	34.9	52.3



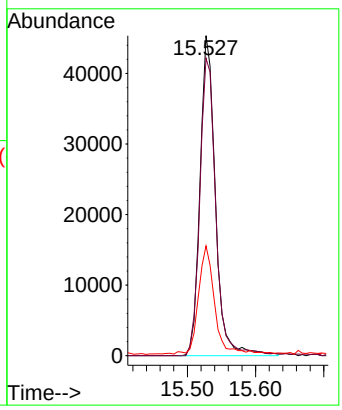


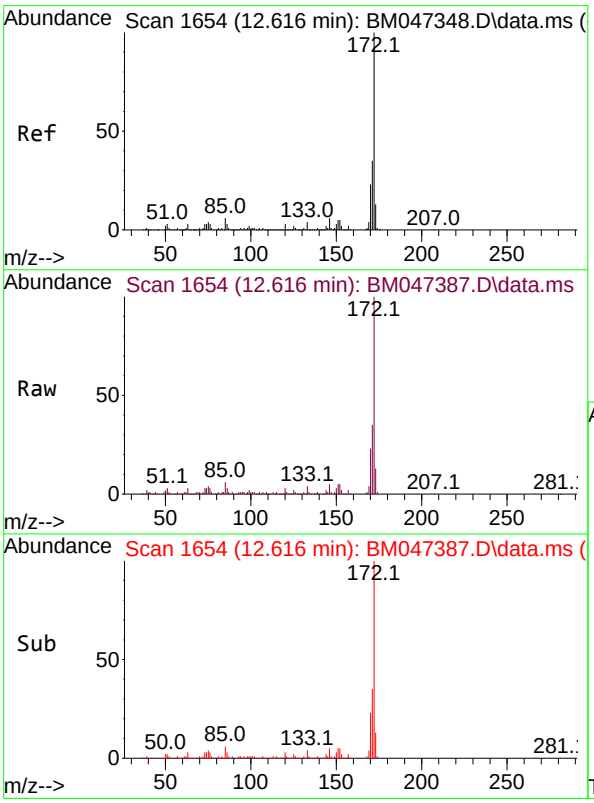
#42
2,4,6-Tribromophenol
Concen: 7.334 ng
RT: 15.527 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Instrument :
BNA_M
ClientSampleId :
CL-01-082624

Tgt Ion:330 Resp: 71139

Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.2	115.8
141	35.0	27.6	41.4

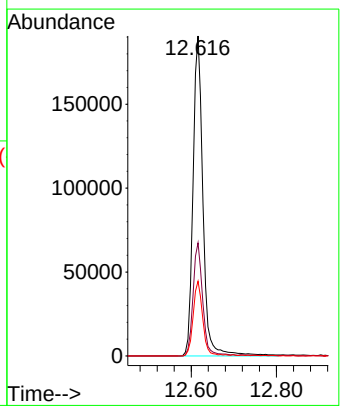


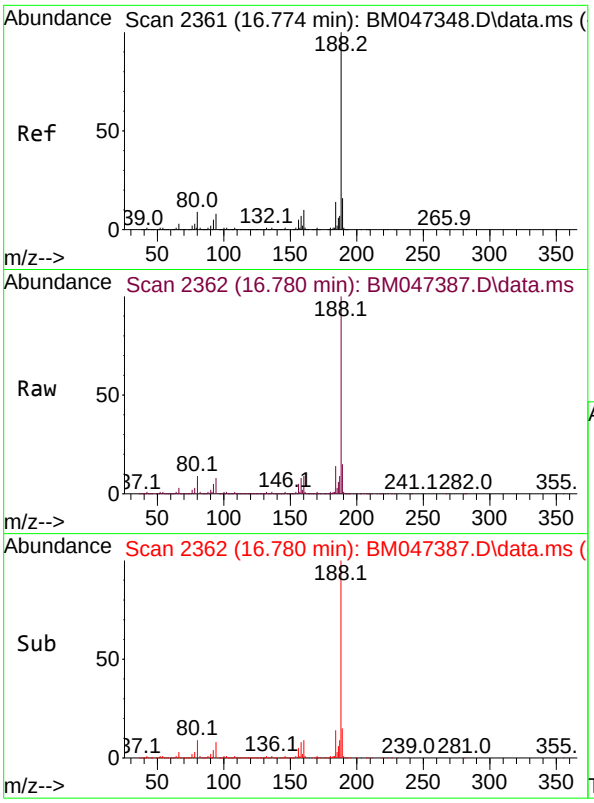


#45
2-Fluorobiphenyl
Concen: 5.914 ng
RT: 12.616 min Scan# 1654
Delta R.T. 0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Tgt Ion:172 Resp: 309442

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.6
170	23.4	18.5	27.7



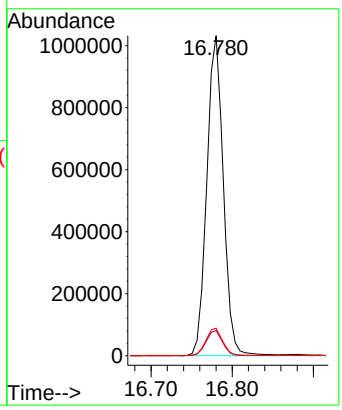


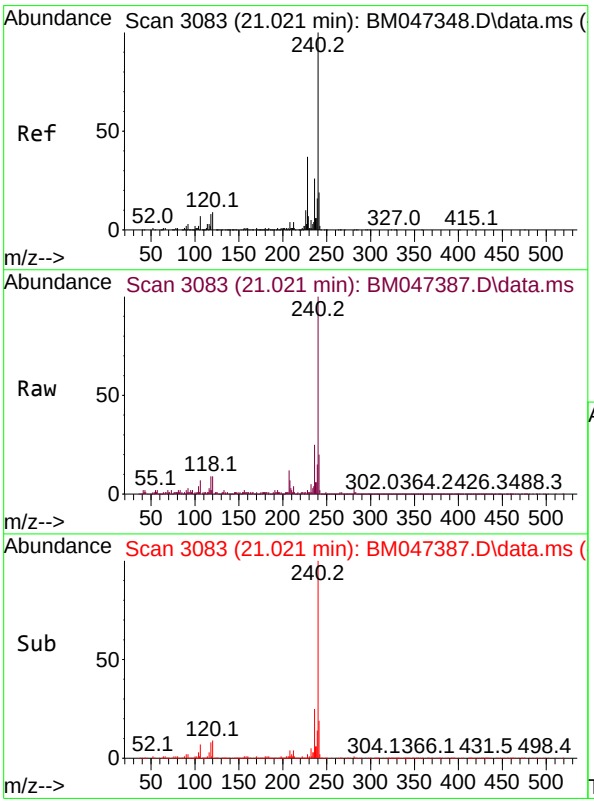
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.780 min Scan# 2
Delta R.T. 0.006 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Instrument :
BNA_M
ClientSampleId :
CL-01-082624

Tgt Ion:188 Resp: 1455273

Ion	Ratio	Lower	Upper
188	100		
94	7.9	6.4	9.6
80	8.6	7.4	11.2

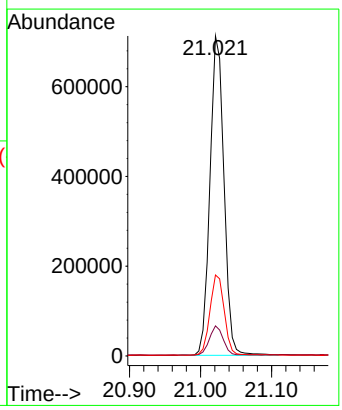


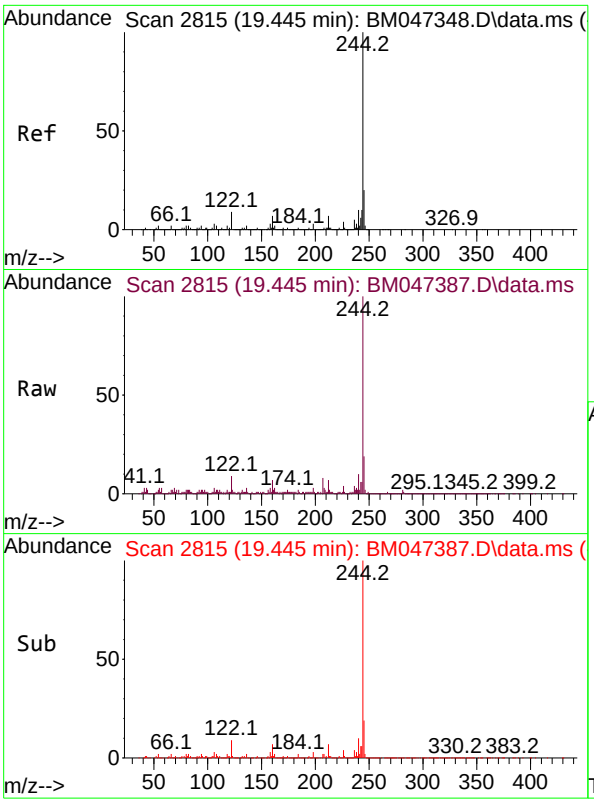


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.021 min Scan# 3083
Delta R.T. 0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Tgt Ion:240 Resp: 979338

Ion	Ratio	Lower	Upper
240	100		
120	9.4	7.4	11.0
236	25.3	20.8	31.2



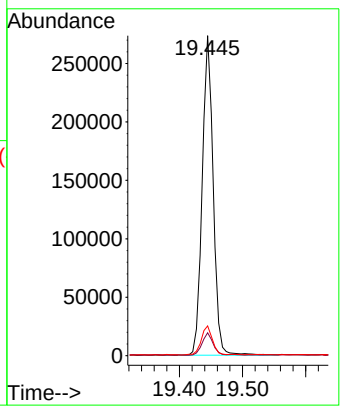


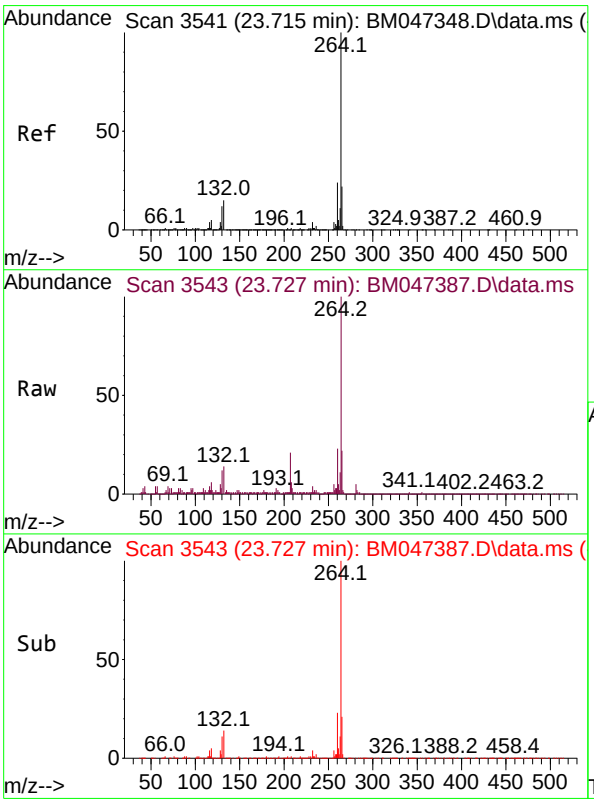
#79
Terphenyl-d14
Concen: 6.005 ng
RT: 19.445 min Scan# 2
Delta R.T. 0.000 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Instrument :
BNA_M
ClientSampleId :
CL-01-082624

Tgt Ion:244 Resp: 330375

Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.0	9.0
122	9.3	7.0	10.4

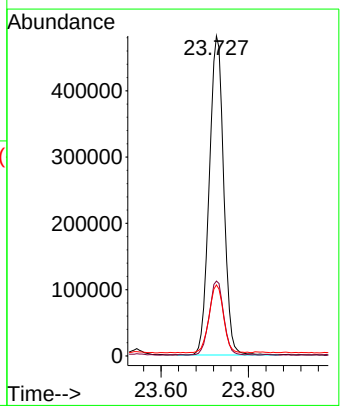


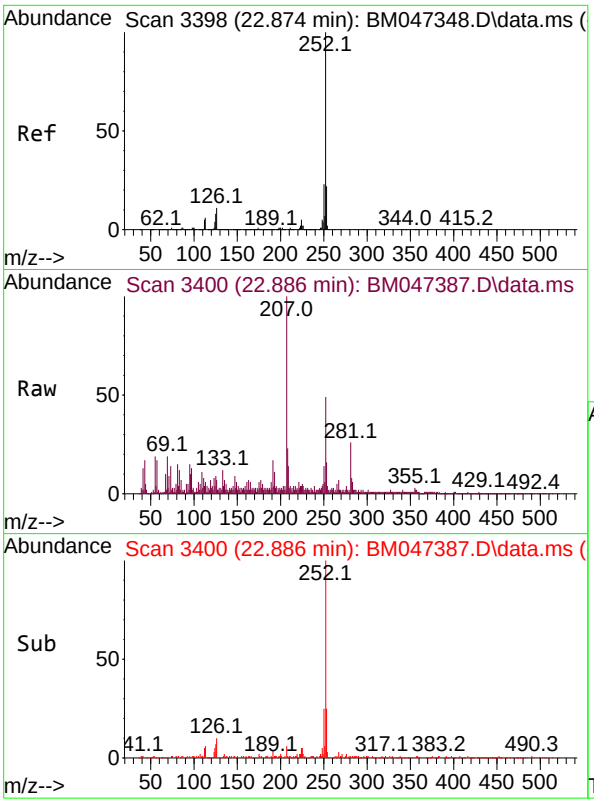


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.727 min Scan# 3543
Delta R.T. 0.012 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Tgt Ion:264 Resp: 1106662

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.0	28.4
265	22.2	17.8	26.6





#88
Benzo(b)fluoranthene
Concen: 2.116 ng
RT: 22.886 min Scan# 34
Delta R.T. 0.012 min
Lab File: BM047387.D
Acq: 28 Aug 2024 19:07

Instrument :
BNA_M
ClientSampleId :
CL-01-082624

Tgt Ion:252 Resp: 136597

Ion	Ratio	Lower	Upper
252	100		
253	32.2	17.8	26.6#
125	18.0	6.6	10.0#