Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121918\
Data File : BM018323.D
Acq On : 20 Dec 2018 07:50
Operator : JU/SJ
Sample : J6196-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : EO-01-121818-C

Quant Time: Dec 20 13:20:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM121518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 15 21:39:37 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	108484	20.00	ng	-0.02
21) Naphthalene-d8	10.25	136	397877	20.00	ng	-0.02
39) Acenaphthene-d10	14.14	164	221870	20.00	ng	-0.02
64) Phenanthrene-d10	16.91	188	439728	20.00	ng	-0.01
76) Chrysene-d12	21.13	240	425579	20.00	ng	-0.02
87) Perylene-d12	23.29	264	457285	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	947904	145.96	ng	0.00
7) Phenol-d6	6.69	99	1123938	124.52	ng	-0.01
23) Nitrobenzene-d5	8.65	82	894433	115.31	ng	-0.02
42) 2,4,6-Tribromophenol	15.65	330	461314	141.66	ng	-0.02
45) 2-Fluorobiphenyl	12.75	172	1803195	105.27	ng	-0.02
79) Terphenyl-d14	19.56	244	2297917	122.12	ng	-0.01
Target Compounds						Qvalue
77) Benzidine	19.19	184	73796	6.838	ng	97

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

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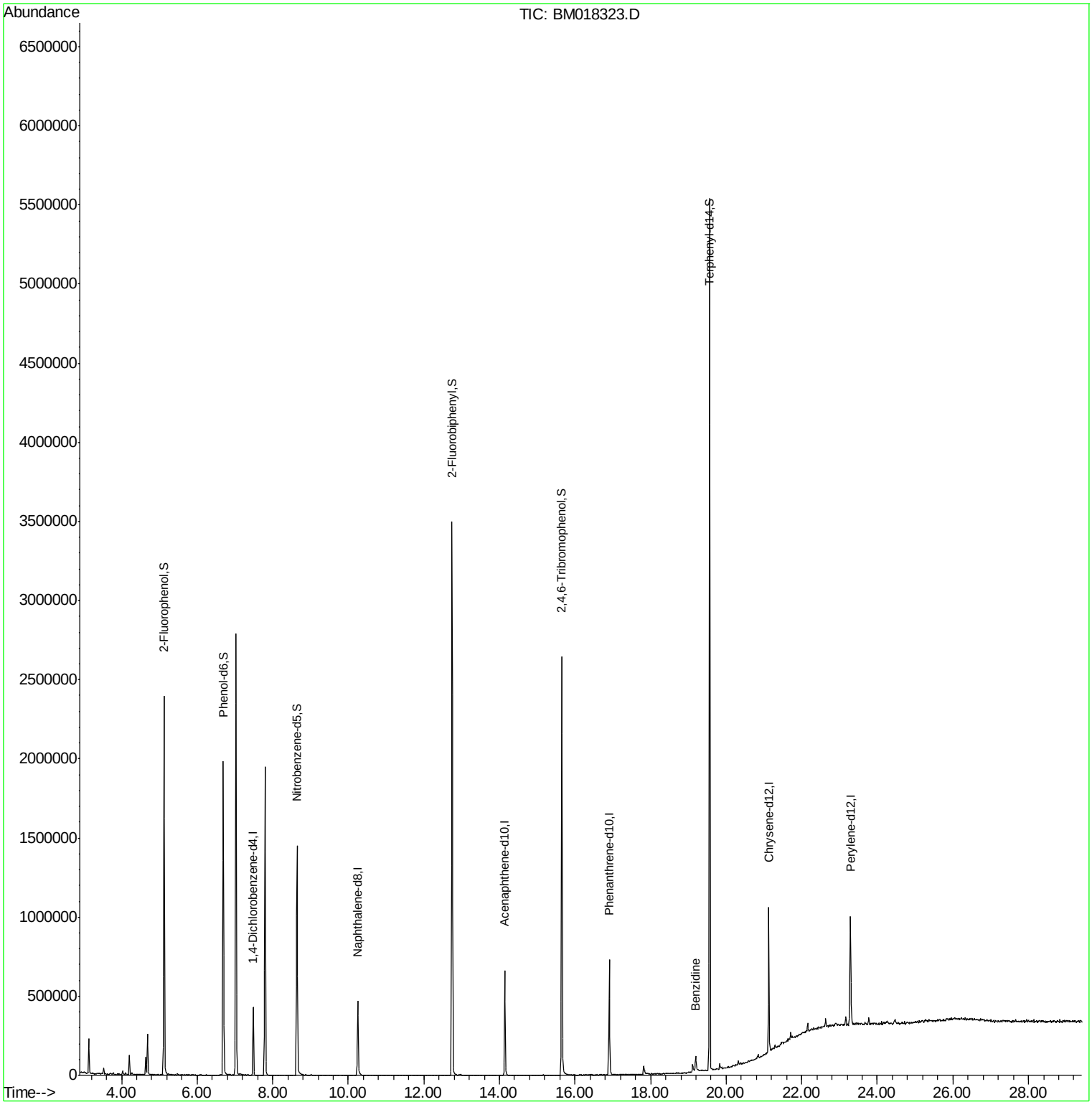
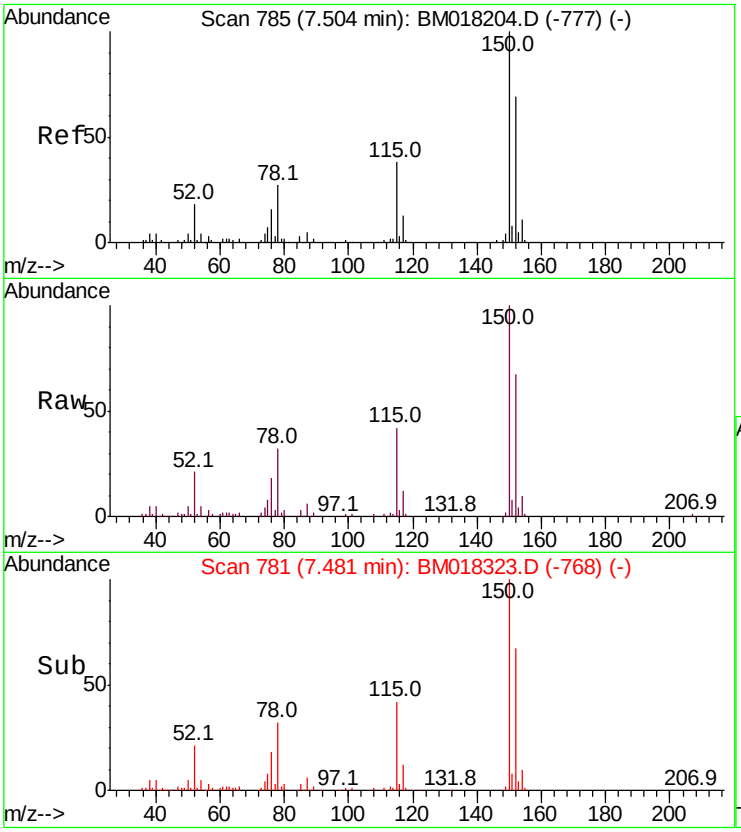


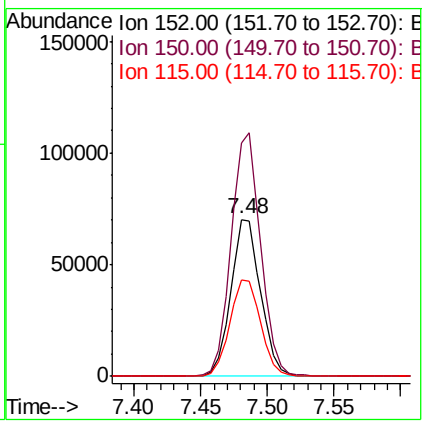


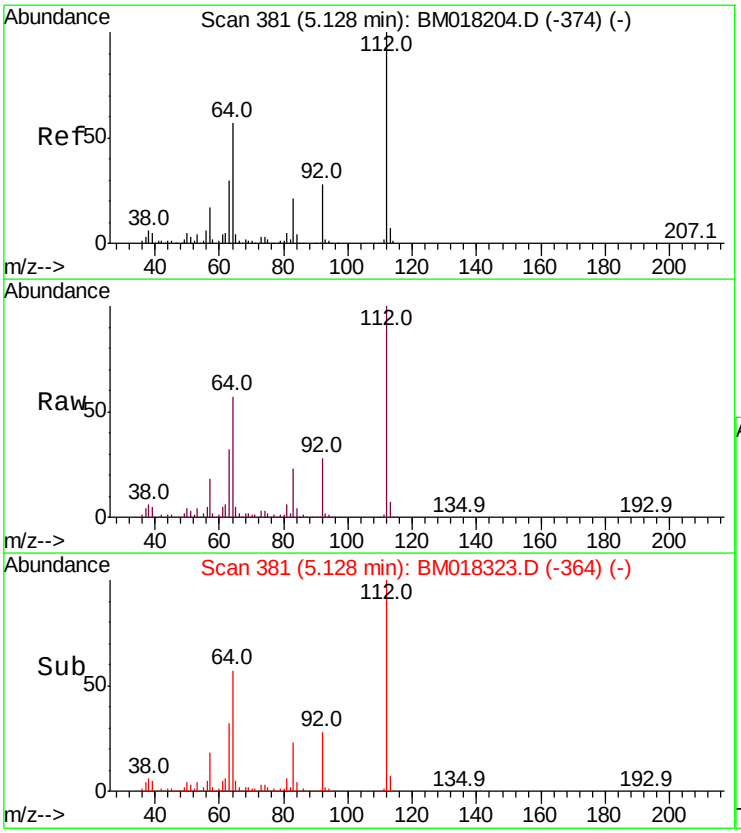
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.48 min Scan# 781
Delta R.T. -0.02 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Instrument :
BNA_M
ClientSampleId :
EO-01-121818-C

Tgt Ion:152 Resp: 108484

Ion	Ratio	Lower	Upper
152	100		
150	148.6	116.1	174.1
115	61.8	44.6	67.0

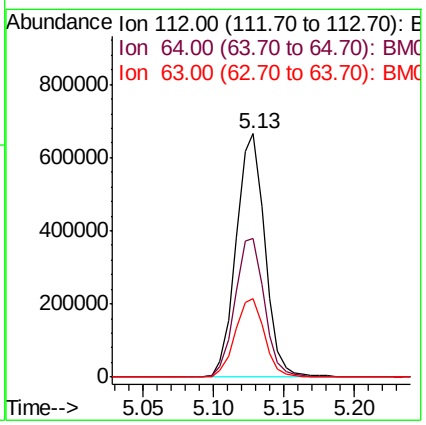


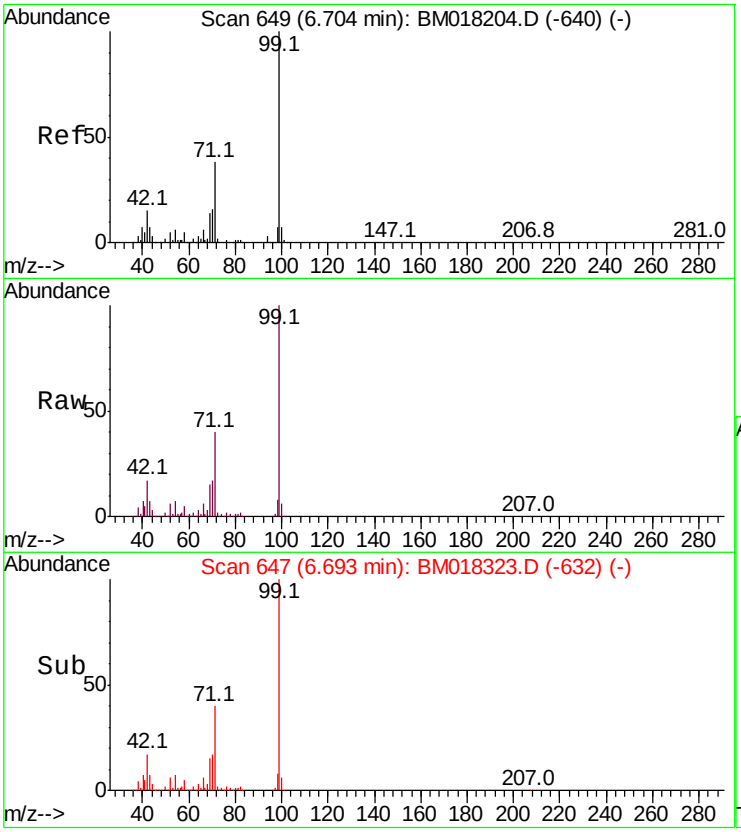


#5
2-Fluorophenol
Concen: 145.962 ng
RT: 5.13 min Scan# 381
Delta R.T. -0.00 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Tgt Ion:112 Resp: 947904

Ion	Ratio	Lower	Upper
112	100		
64	57.0	45.4	68.2
63	32.3	24.0	36.0



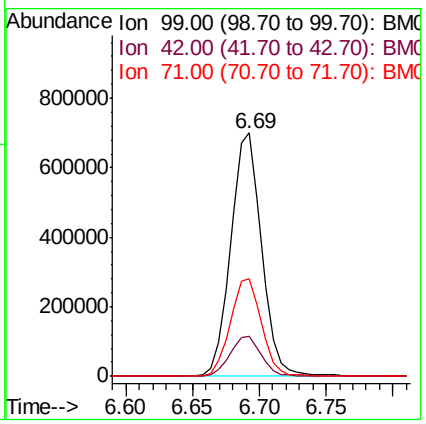


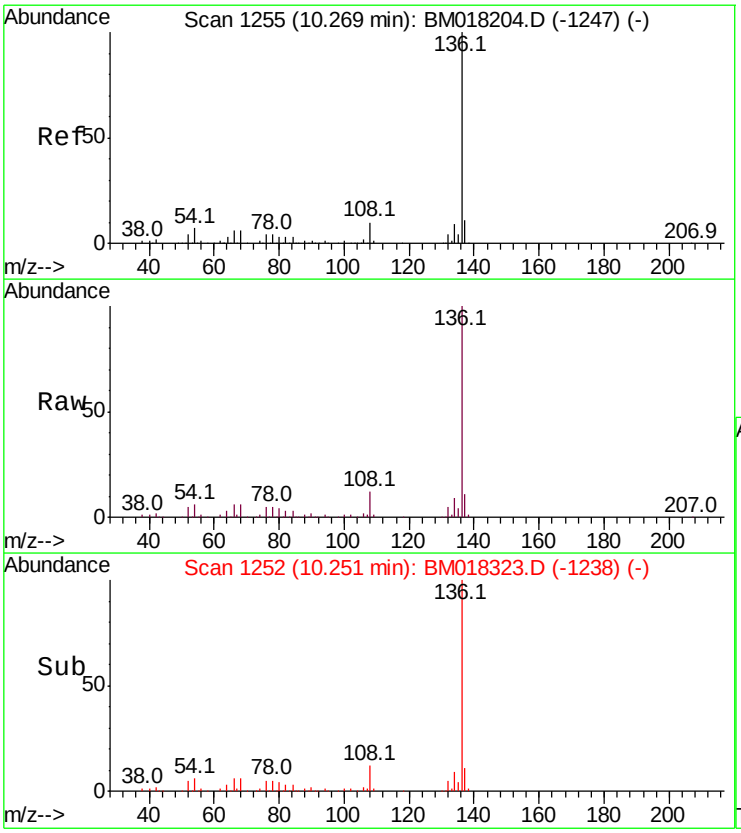
#7
Phenol-d6
Concen: 124.517 ng
RT: 6.69 min Scan# 647
Delta R.T. -0.01 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Instrument :
BNA_M
ClientSampleId :
EO-01-121818-C

Tgt Ion: 99 Resp: 1123938

Ion	Ratio	Lower	Upper
99	100		
42	16.5	12.3	18.5
71	39.9	30.2	45.2

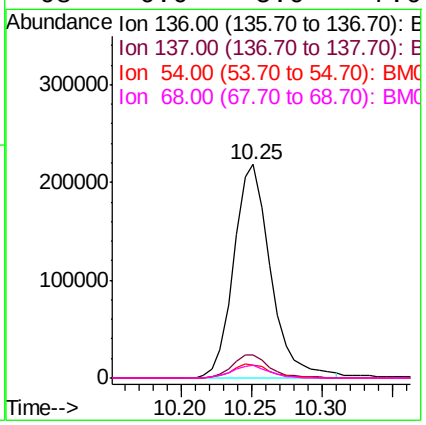


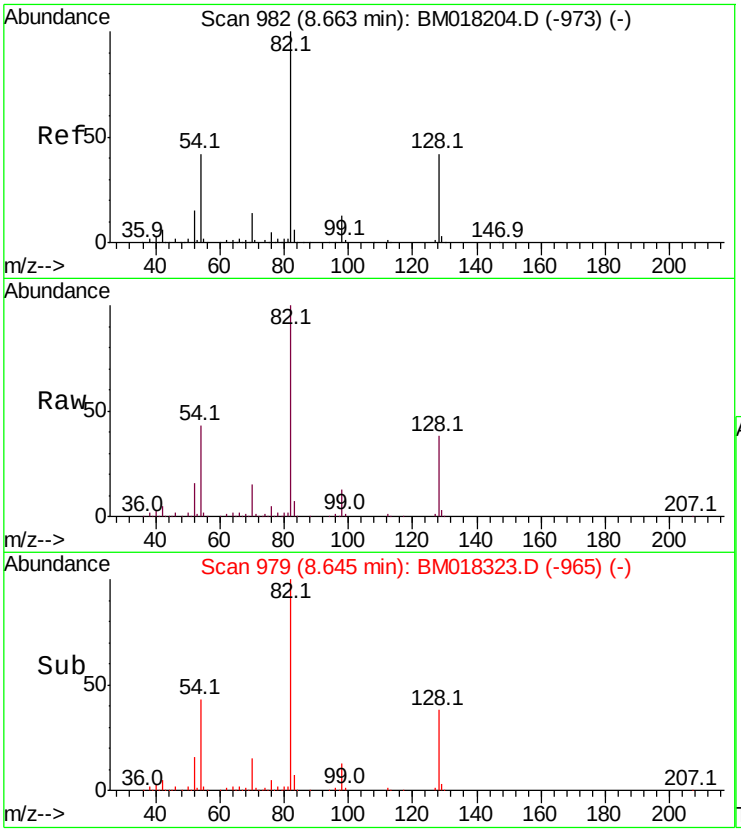


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.25 min Scan# 1252
Delta R.T. -0.02 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Tgt Ion:136 Resp: 397877

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	5.7	5.2	7.8
68	6.0	5.0	7.6



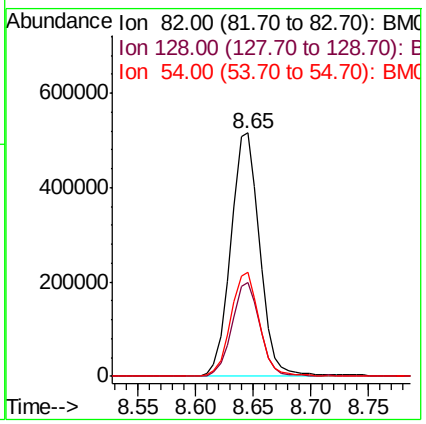


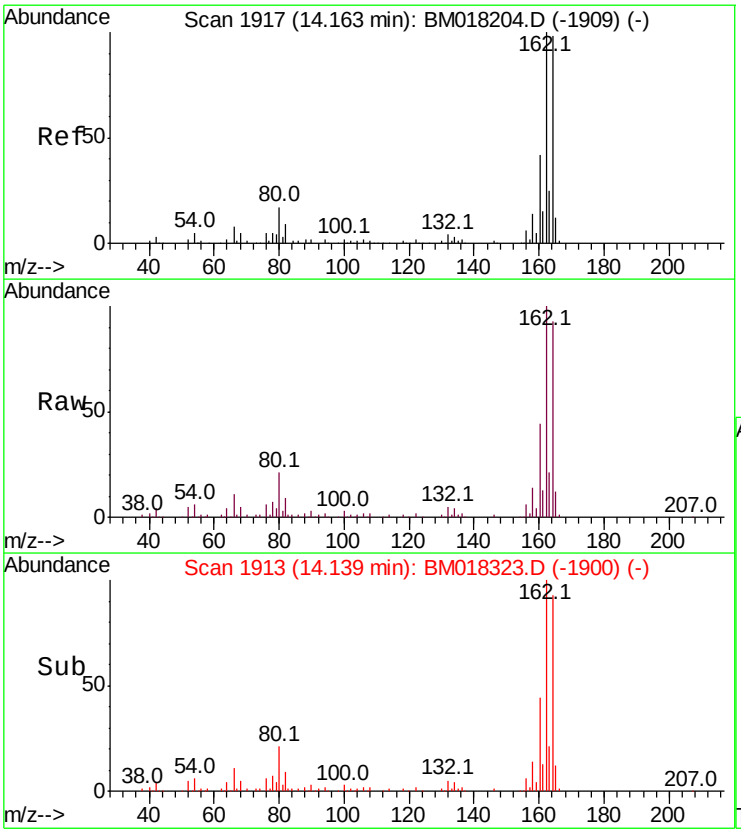
#23
Nitrobenzene-d5
Concen: 115.309 ng
RT: 8.65 min Scan# 979
Delta R.T. -0.02 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Instrument :
BNA_M
ClientSampleId :
EO-01-121818-C

Tgt Ion: 82 Resp: 894433

Ion	Ratio	Lower	Upper
82	100		
128	38.4	33.4	50.2
54	42.9	33.4	50.2

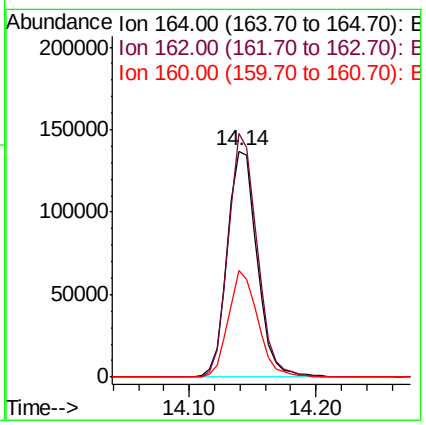


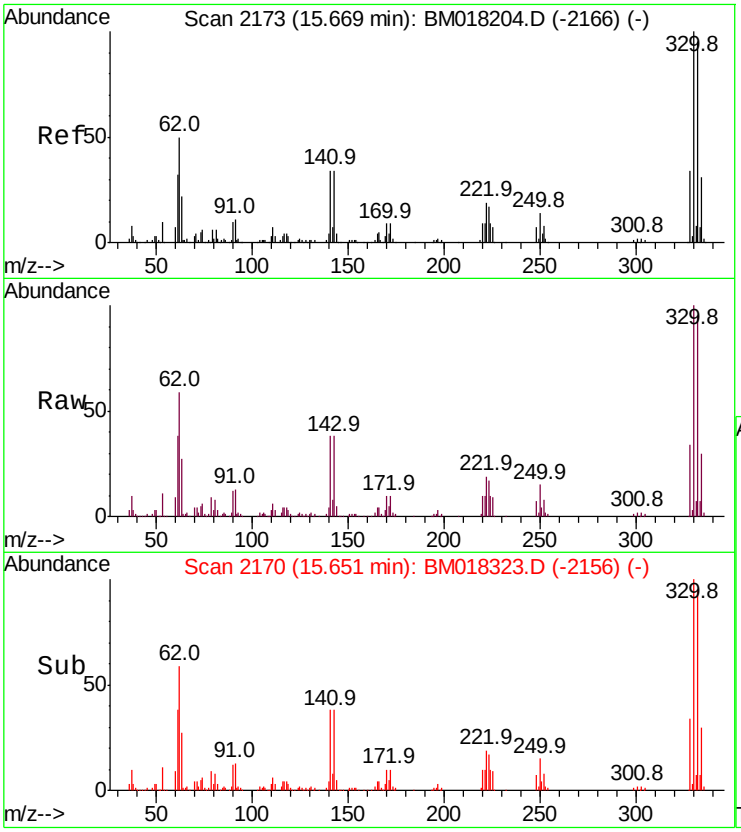


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.14 min Scan# 1913
Delta R.T. -0.02 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Tgt Ion:164 Resp: 221870

Ion	Ratio	Lower	Upper
164	100		
162	107.7	81.8	122.6
160	47.3	34.6	51.8



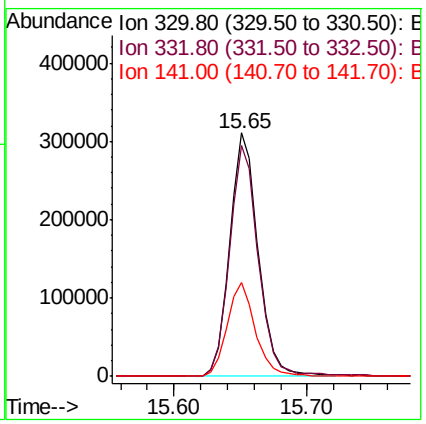


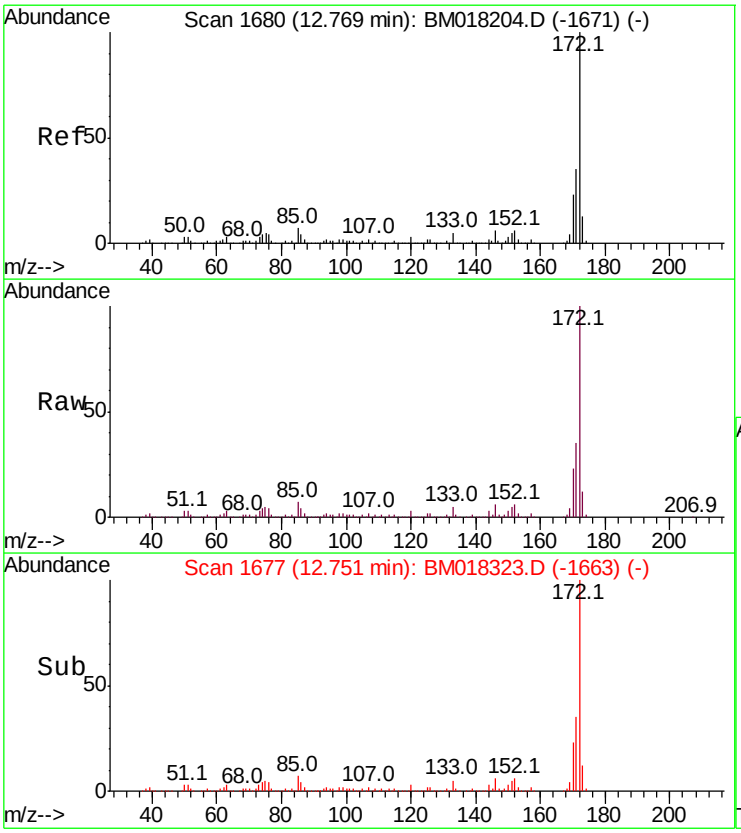
#42
2,4,6-Tribromophenol
Concen: 141.662 ng
RT: 15.65 min Scan# 2170
Delta R.T. -0.02 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Instrument :
BNA_M
ClientSampleId :
EO-01-121818-C

Tgt Ion:330 Resp: 461314

Ion	Ratio	Lower	Upper
330	100		
332	95.8	78.6	118.0
141	38.3	27.1	40.7

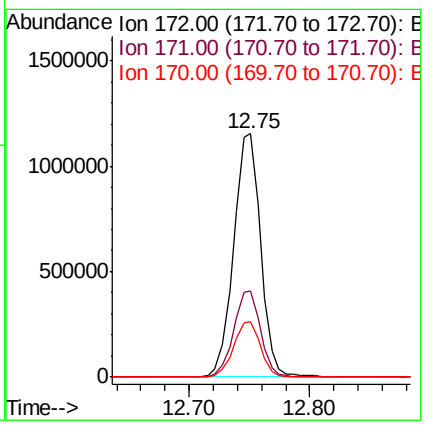


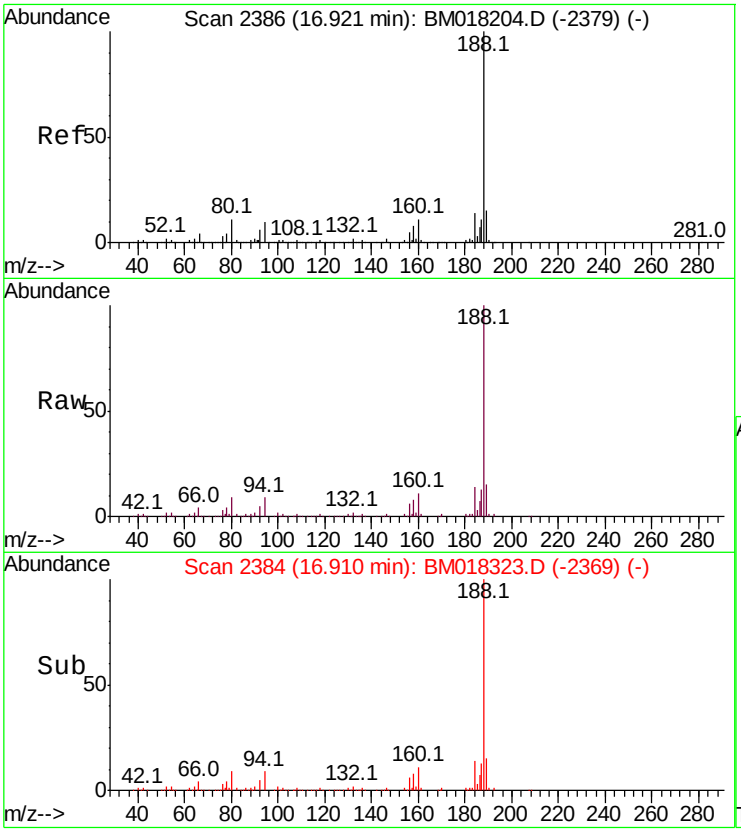


#45
2-Fluorobiphenyl
Concen: 105.267 ng
RT: 12.75 min Scan# 1677
Delta R.T. -0.02 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Tgt Ion:172 Resp: 1803195

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.3	42.5
170	22.9	18.1	27.1



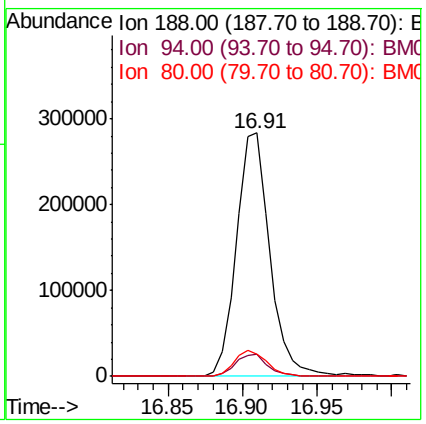


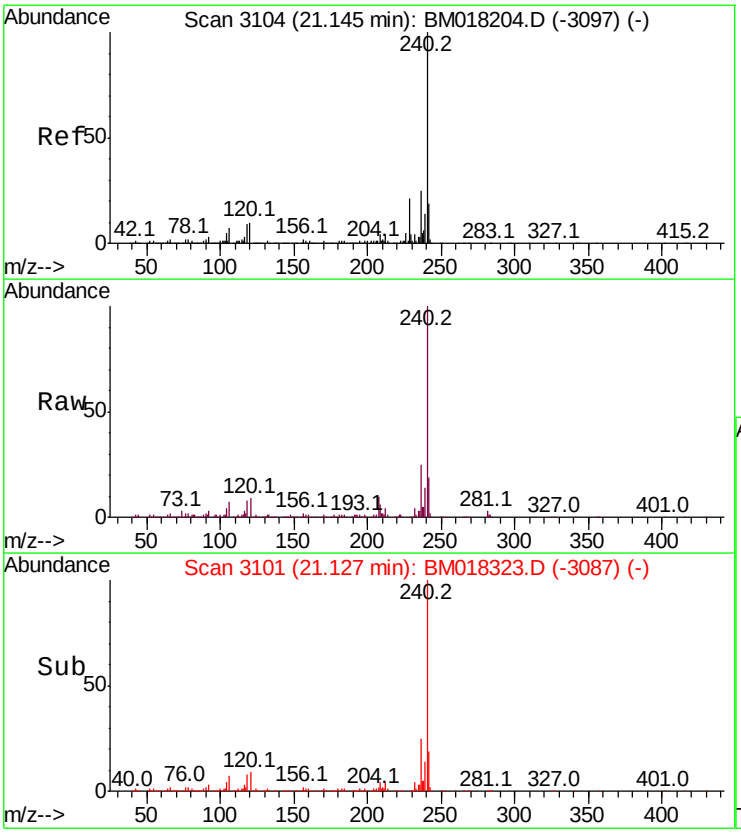
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.91 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Instrument :
BNA_M
ClientSampleId :
EO-01-121818-C

Tgt Ion:188 Resp: 439728

Ion	Ratio	Lower	Upper
188	100		
94	8.9	8.0	12.0
80	9.3	9.0	13.6

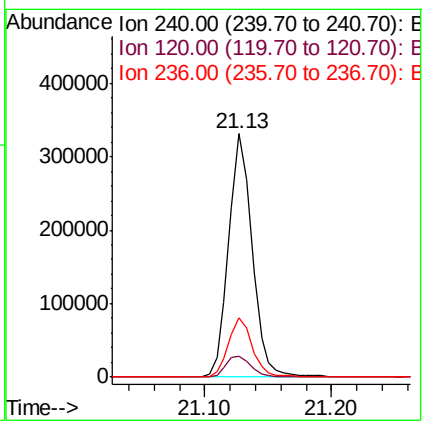


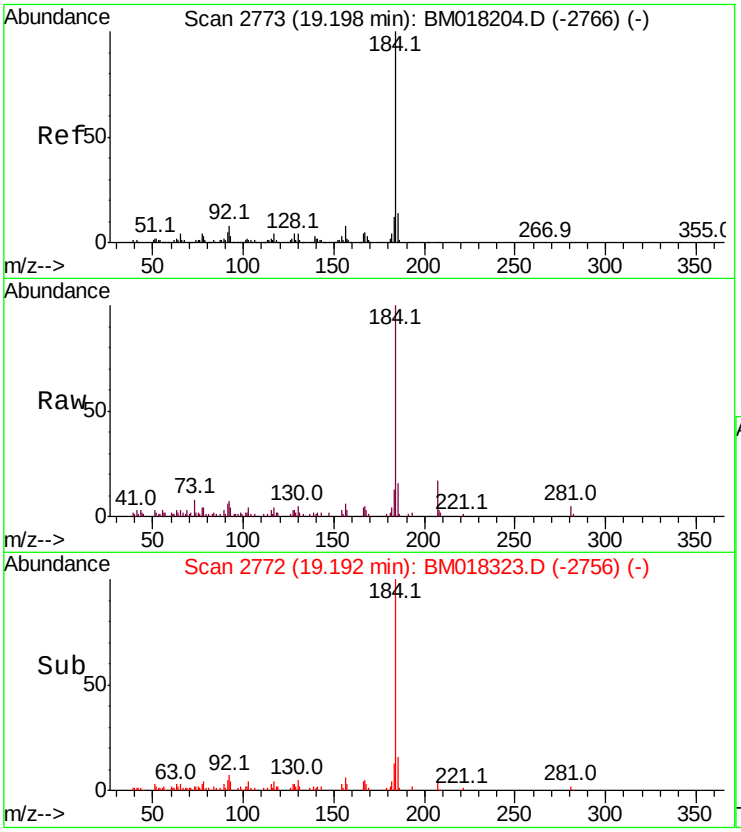


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.13 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Tgt Ion:240 Resp: 425579

Ion	Ratio	Lower	Upper
240	100		
120	8.5	8.2	12.2
236	24.6	20.3	30.5



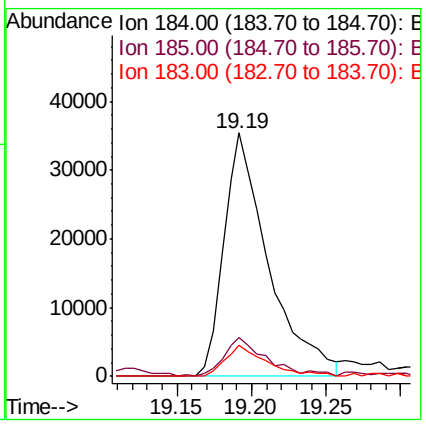


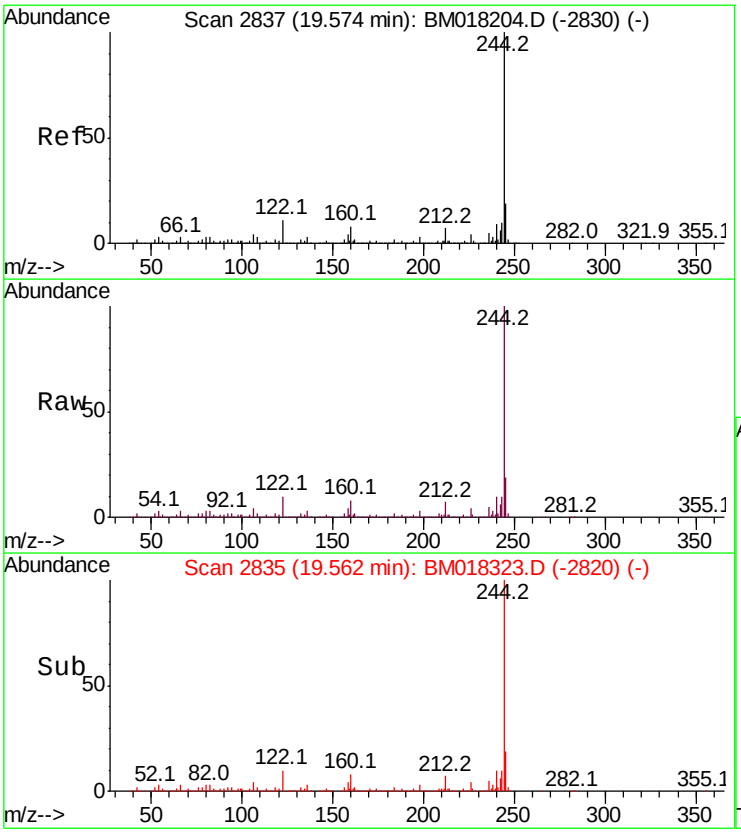
#77
Benzidine
Concen: 6.838 ng
RT: 19.19 min Scan# 2772
Delta R.T. -0.01 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Instrument :
BNA_M
ClientSampleId :
EO-01-121818-C

Tgt Ion:184 Resp: 73796

Ion	Ratio	Lower	Upper
184	100		
185	16.2	11.4	17.2
183	12.7	9.7	14.5

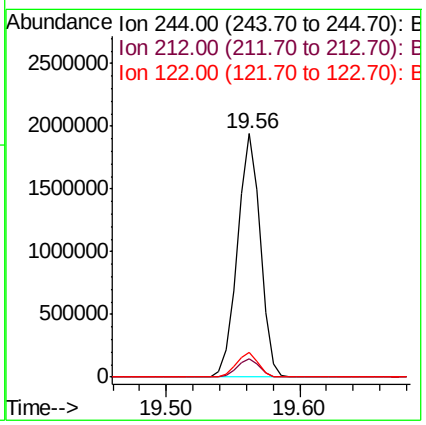


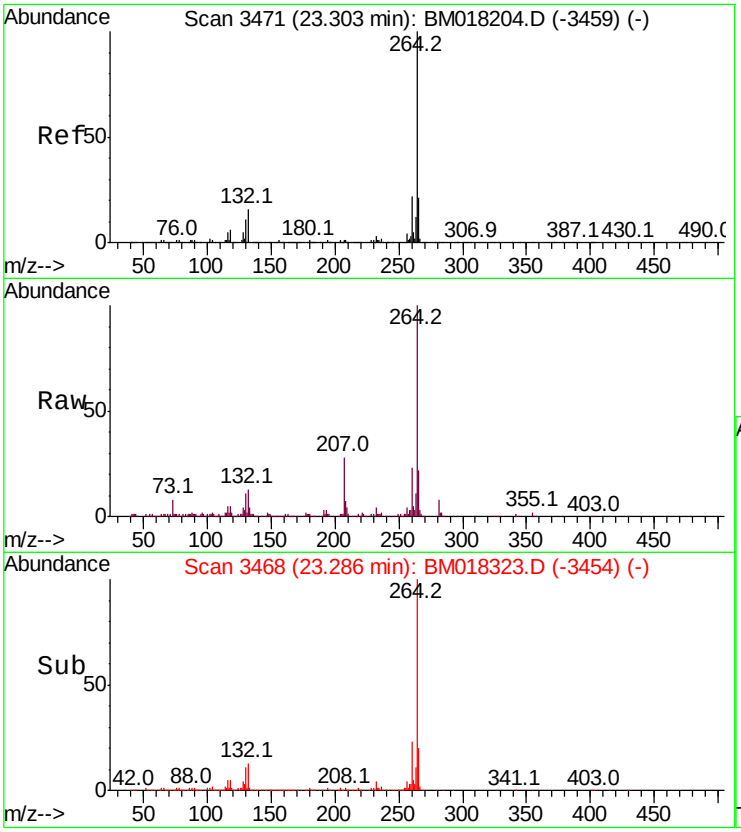


#79
Terphenyl-d14
Concen: 122.118 ng
RT: 19.56 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Tgt Ion:244 Resp: 2297917

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.8
122	10.1	9.0	13.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.29 min Scan# 3468
Delta R.T. -0.02 min
Lab File: BM018323.D
Acq: 20 Dec 2018 07:50

Instrument :
BNA_M
ClientSampleId :
EO-01-121818-C

Tgt Ion:264 Resp: 457285

Ion	Ratio	Lower	Upper
264	100		
260	22.9	17.5	26.3
265	21.5	17.3	25.9