Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
Data File : BM018513.D
Acq On : 10 Jan 2019 17:52
Operator : JU/SJ
Sample : K1008-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : HD-02-010819

Quant Time: Jan 11 03:39:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	397274	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	1586161	20.00	ng	0.00
39) Acenaphthene-d10	14.41	164	991017	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	2509869	20.00	ng	0.00
76) Chrysene-d12	21.36	240	2884142	20.00	ng	0.00
87) Perylene-d12	23.64	264	2974569	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	2901386	134.85	ng	0.00
7) Phenol-d6	6.94	99	3430386	125.53	ng	0.00
23) Nitrobenzene-d5	8.93	82	2638622	96.44	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	2162350	171.36	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	7131317	93.90	ng	0.00
79) Terphenyl-d14	19.79	244	11874882	86.79	ng	0.00
Target Compounds						Qvalue

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

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Misc :
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Instrument :
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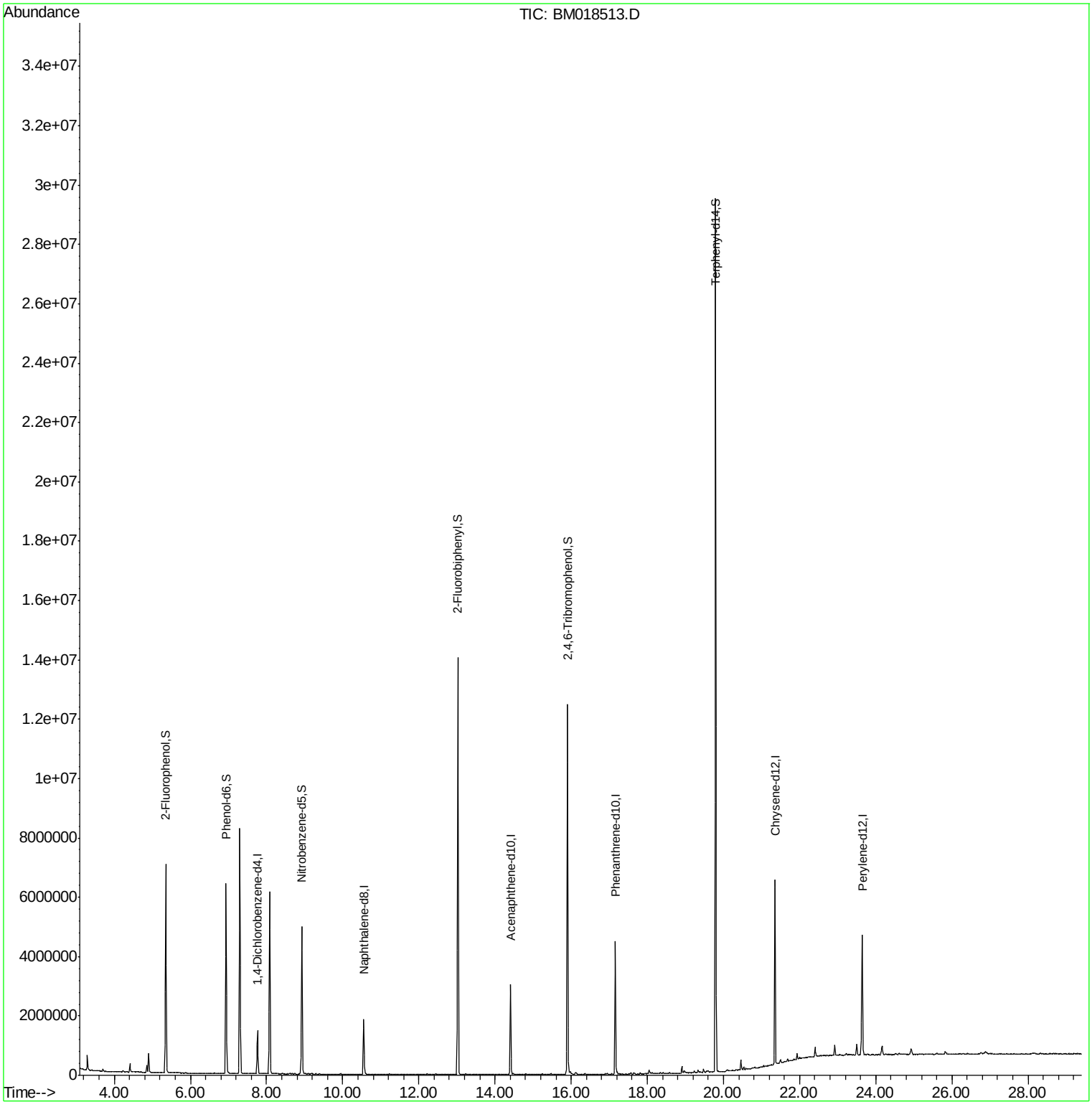
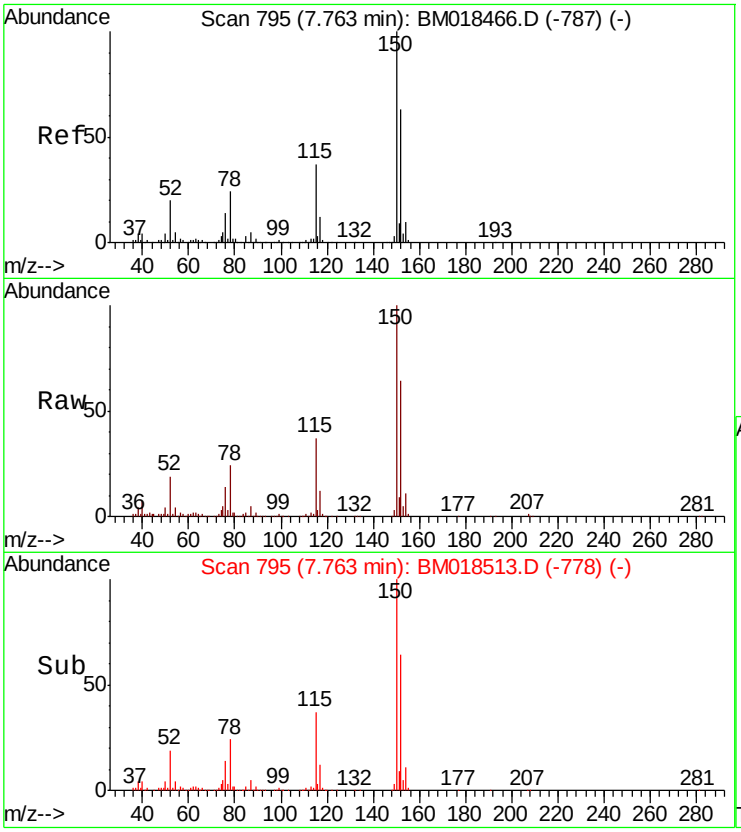


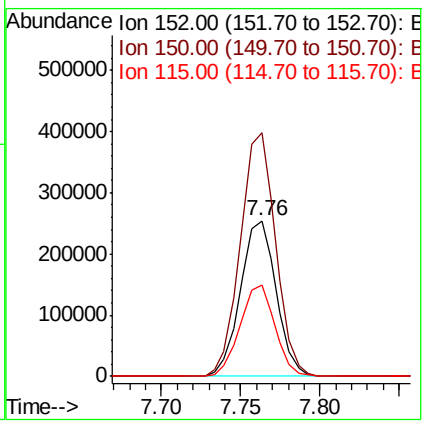


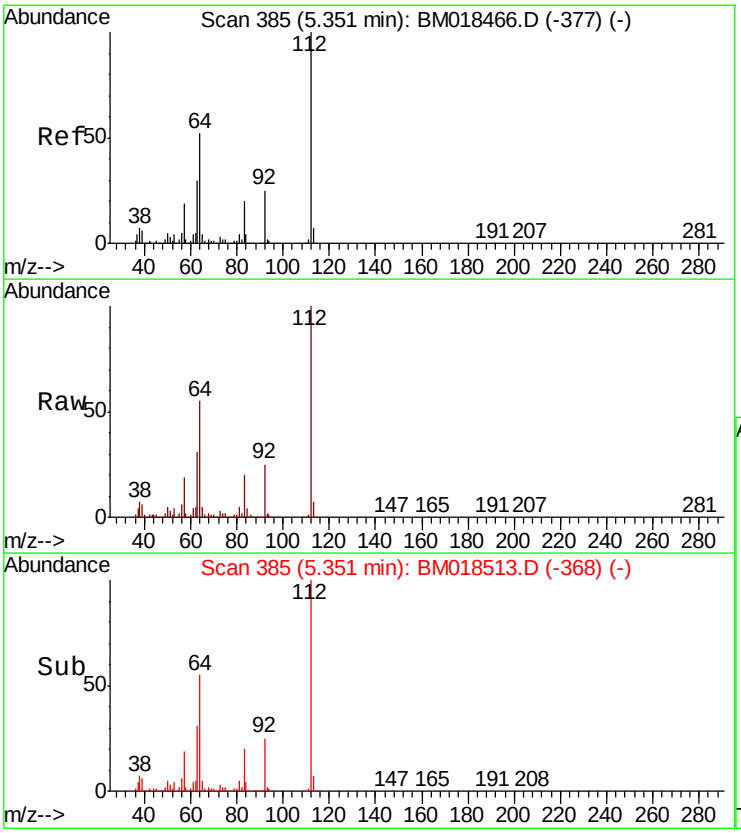
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 795
Delta R.T. -0.00 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:152 Resp: 397274

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.9	190.3
115	58.5	45.5	68.3

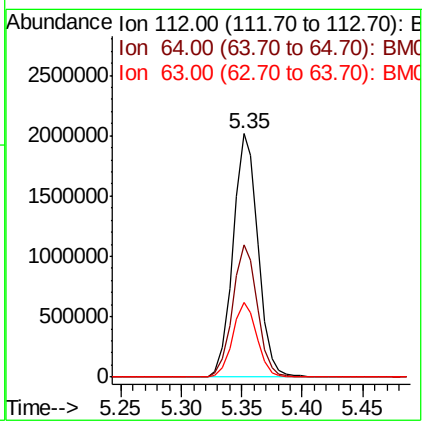


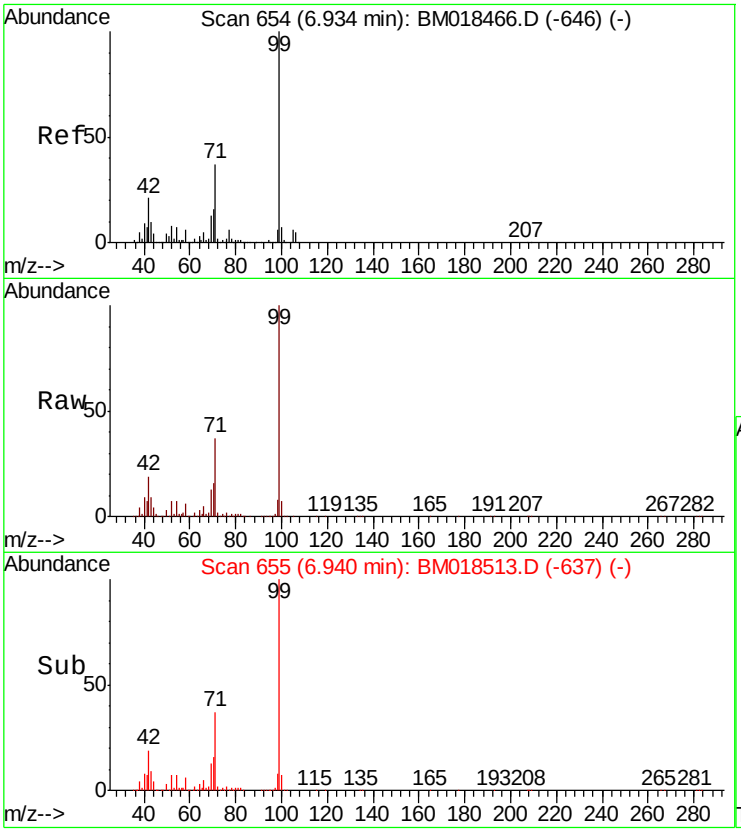


#5
2-Fluorophenol
Concen: 134.854 ng
RT: 5.35 min Scan# 385
Delta R.T. -0.00 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Tgt Ion:112 Resp: 2901386

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.5	69.7
63	30.6	25.2	37.8



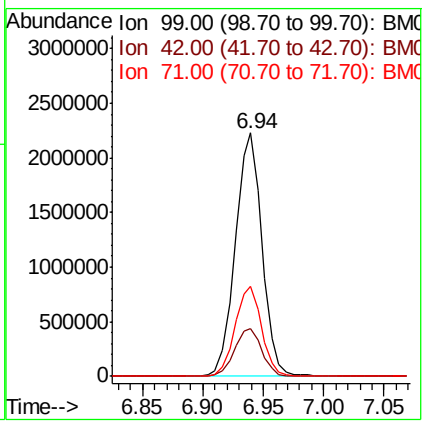


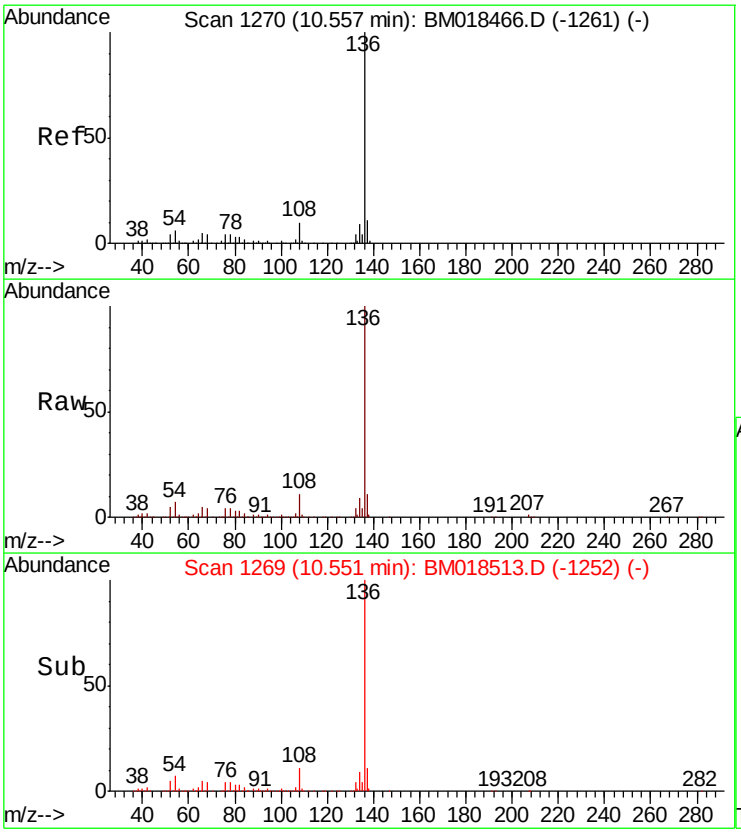
#7
Phenol-d6
Concen: 125.532 ng
RT: 6.94 min Scan# 655
Delta R.T. 0.01 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion: 99 Resp: 3430386

Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.3	25.9
71	36.9	28.0	42.0

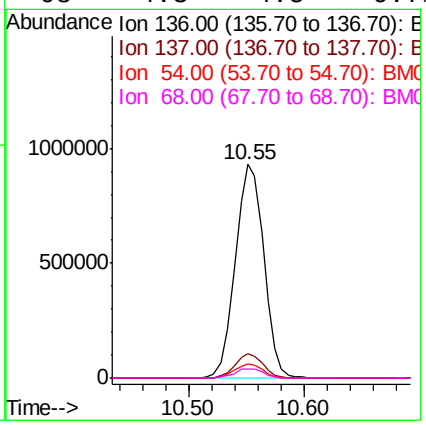


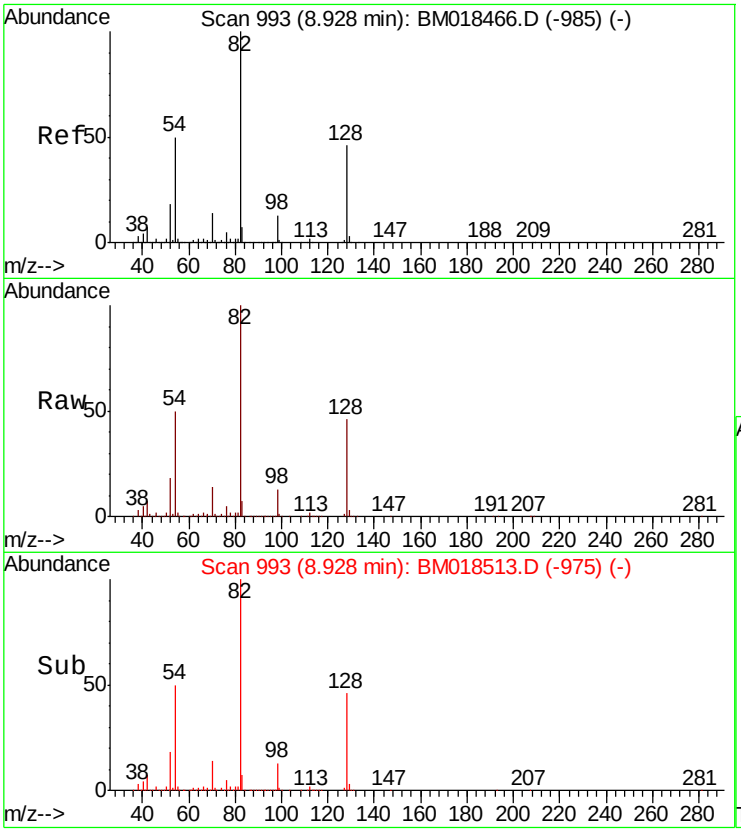


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. -0.00 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Tgt Ion:136 Resp: 1586161

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.5	12.7
54	6.6	6.0	9.0
68	4.3	4.5	6.7#



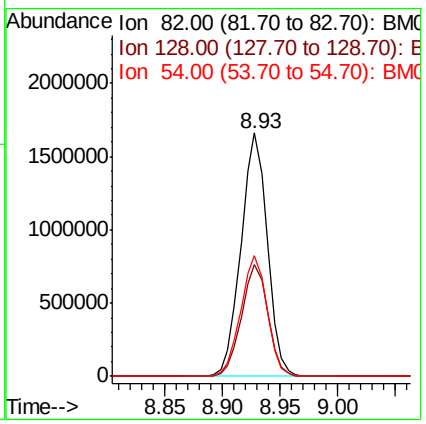


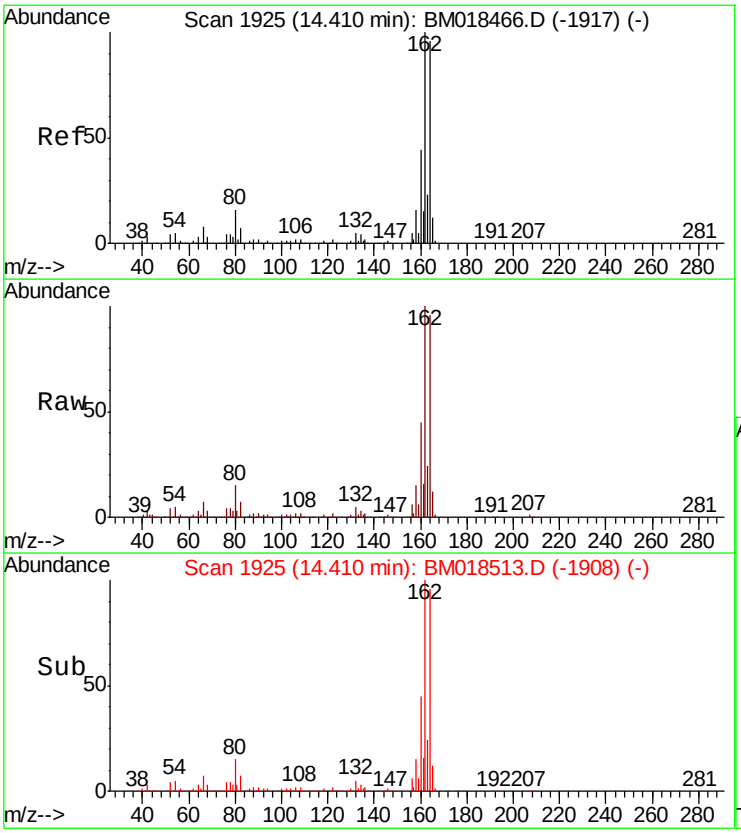
#23
Nitrobenzene-d5
Concen: 96.436 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion: 82 Resp: 2638622

Ion	Ratio	Lower	Upper
82	100		
128	46.0	36.3	54.5
54	49.6	41.7	62.5

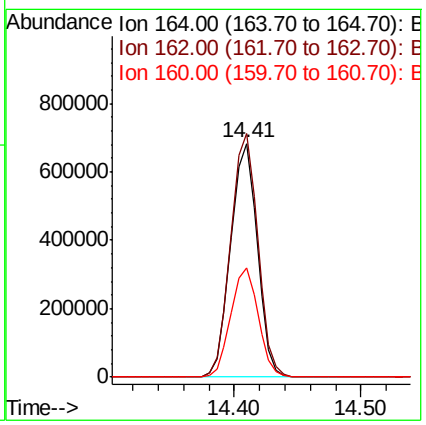


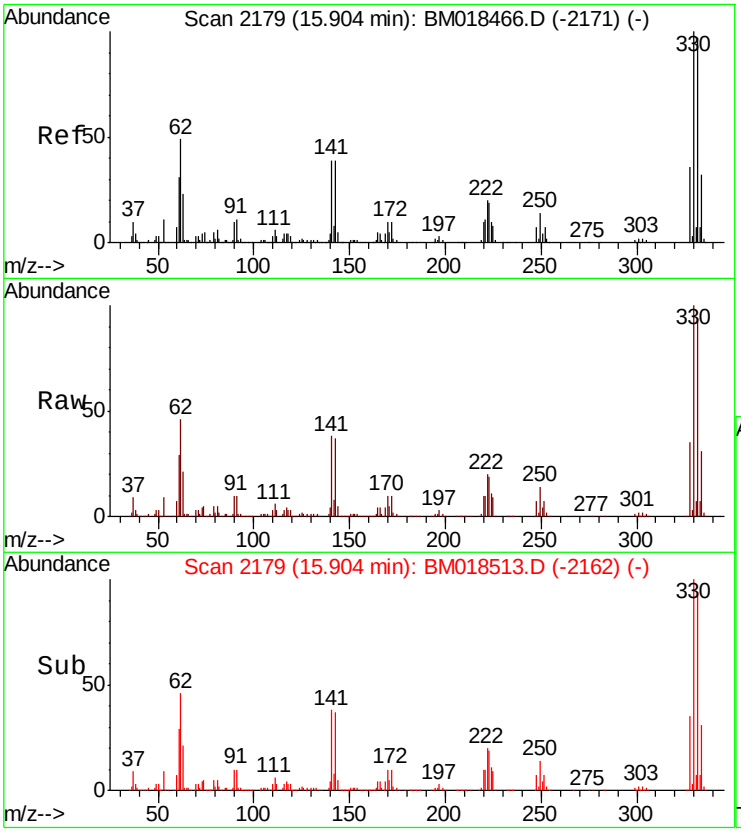


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Tgt Ion:164 Resp: 991017

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.4
160	46.7	37.1	55.7



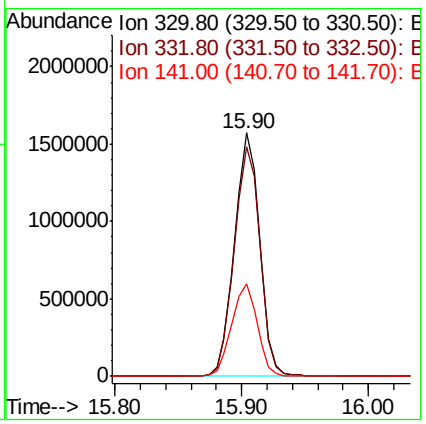


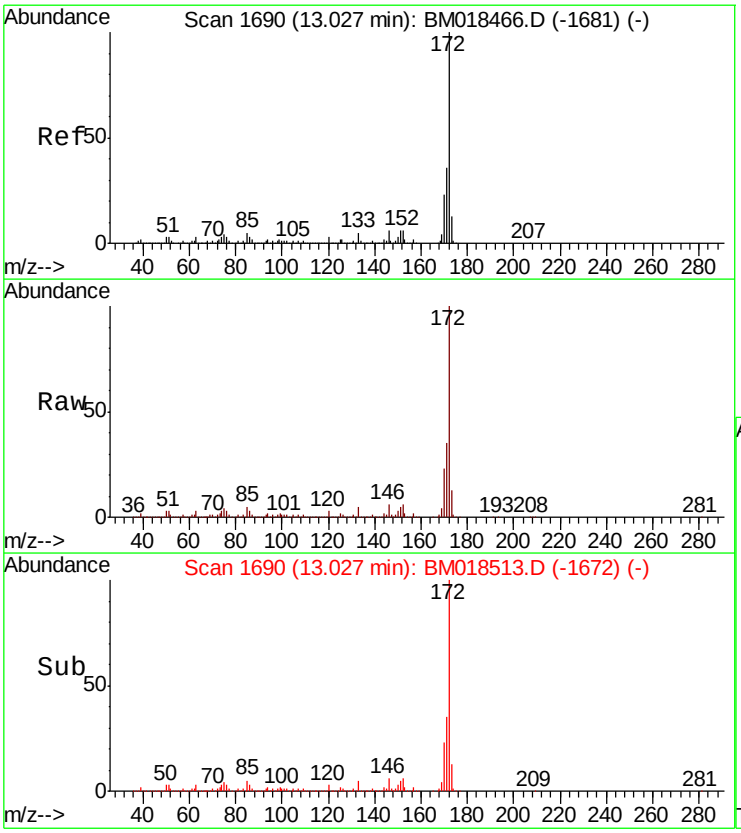
#42
2,4,6-Tribromophenol
Concen: 171.365 ng
RT: 15.90 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:330 Resp: 2162350

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	38.6	31.7	47.5

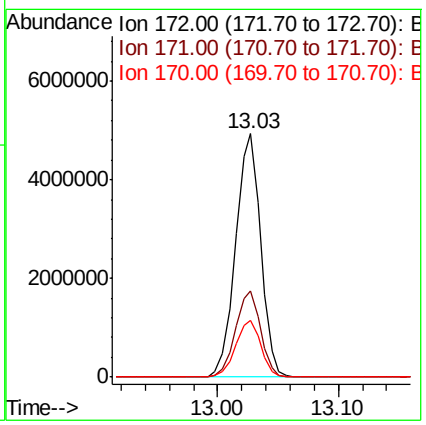


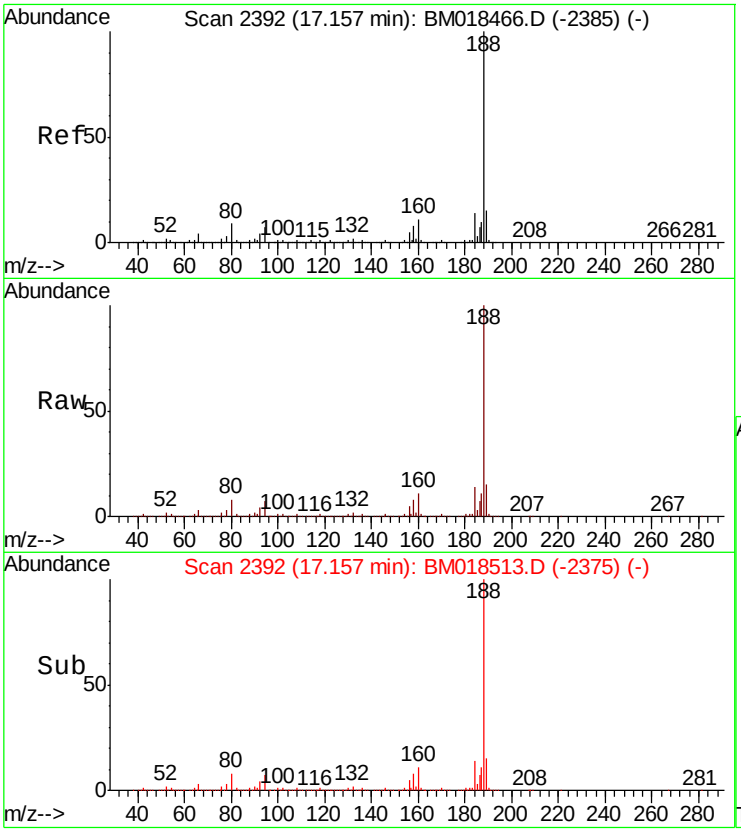


#45
2-Fluorobiphenyl
Concen: 93.897 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Tgt Ion:172 Resp: 7131317

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.2	18.9	28.3



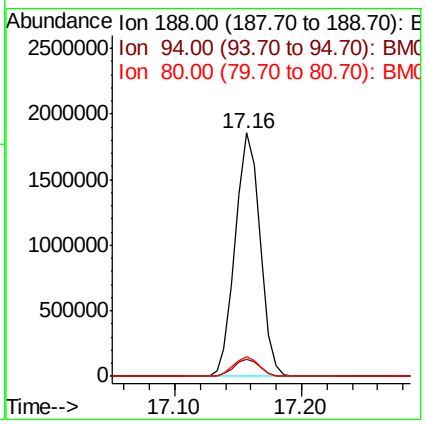


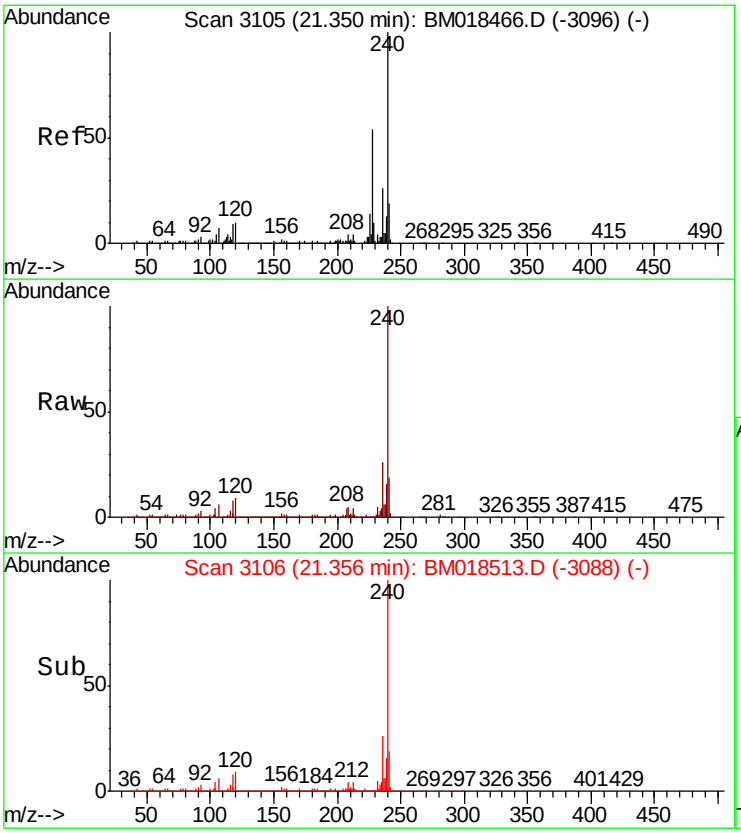
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. -0.00 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

Tgt Ion:188 Resp: 2509869

Ion	Ratio	Lower	Upper
188	100		
94	7.3	7.1	10.7
80	7.9	7.6	11.4

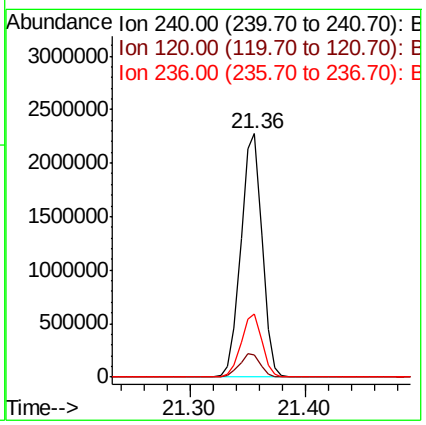


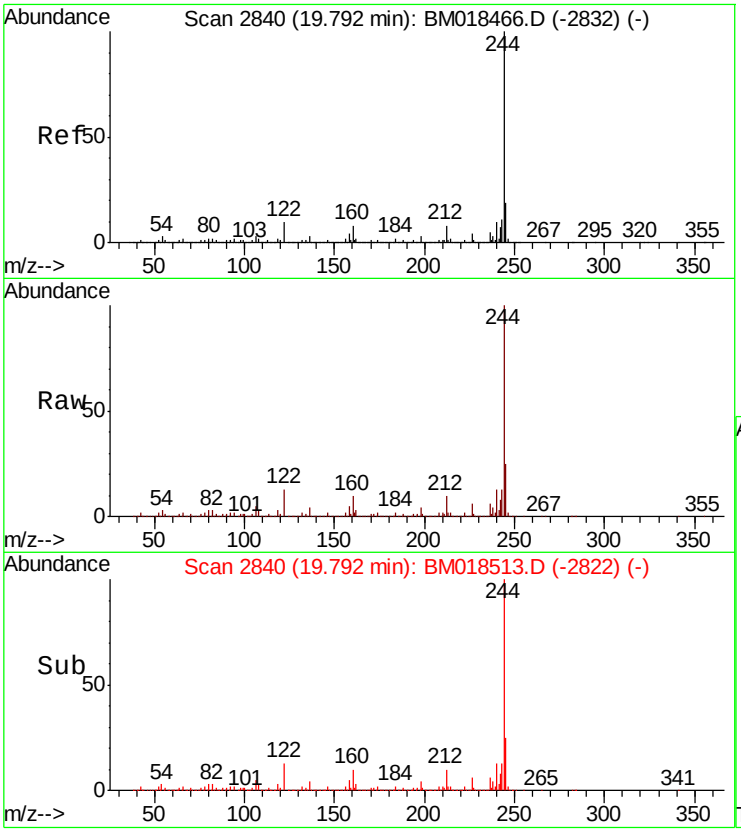


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3106
Delta R.T. 0.01 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Tgt Ion:240 Resp: 2884142

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.4	12.6
236	26.0	20.7	31.1



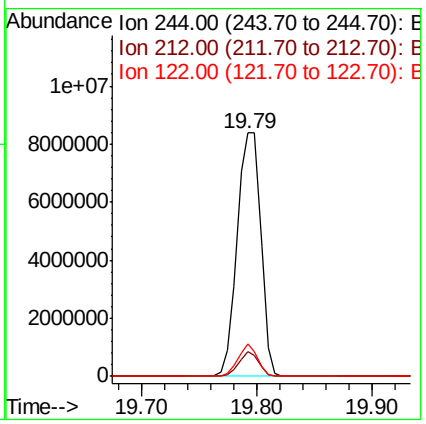


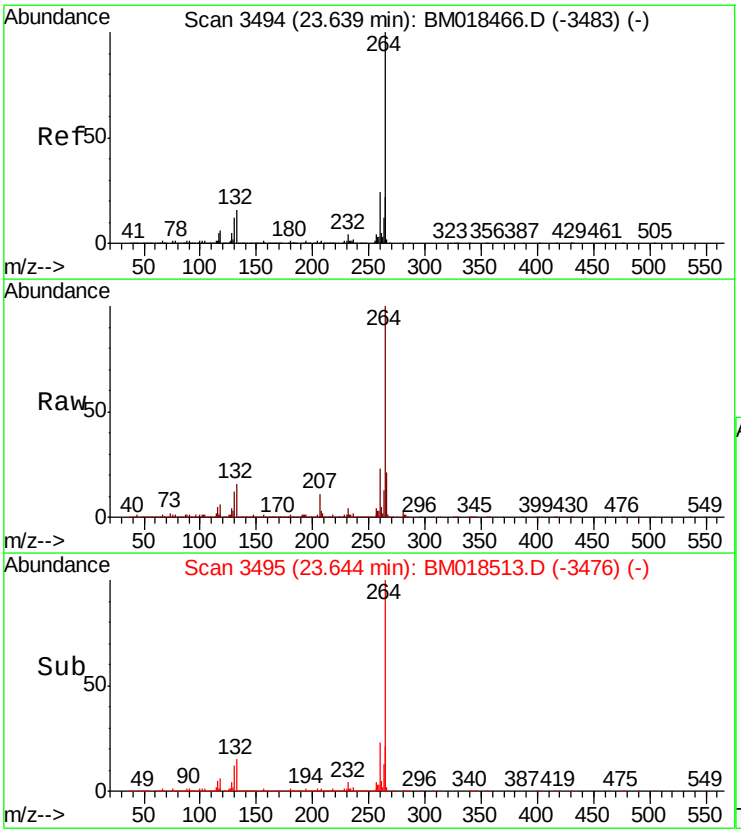
#79
Terphenyl-d14
Concen: 86.794 ng
RT: 19.79 min Scan# 2840
Delta R.T. 0.01 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Instrument :
BNA_M
ClientSampleId :
HD-02-010819

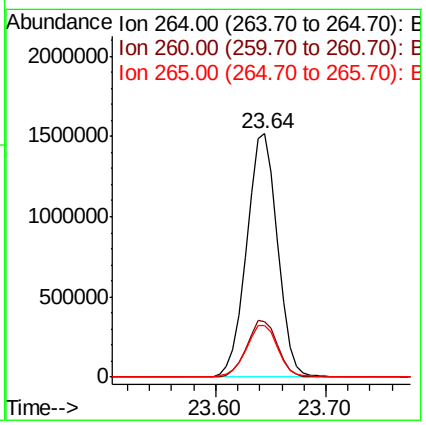
Tgt Ion:244 Resp:11874882

Ion	Ratio	Lower	Upper
244	100		
212	10.2	5.9	8.9#
122	13.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3495
Delta R.T. 0.01 min
Lab File: BM018513.D
Acq: 10 Jan 2019 17:52

Tgt Ion:264 Resp: 2974569

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.9	28.3
265	21.5	16.8	25.2