Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011719\
Data File : BM018619.D
Acq On : 17 Jan 2019 18:11
Operator : JU/SJ
Sample : K1139-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-7

Quant Time: Jan 18 04:44:10 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	7.74	152	379357	20.00	ng	-0.02
21) Naphthalene-d8	10.53	136	1515128	20.00	ng	-0.02
39) Acenaphthene-d10	14.39	164	843914	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1743300	20.00	ng	-0.02
76) Chrysene-d12	21.33	240	1293507	20.00	ng	-0.02
87) Perylene-d12	23.60	264	1244324	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	1876811	91.35	ng	-0.02
7) Phenol-d6	6.92	99	2446268	93.75	ng	-0.02
23) Nitrobenzene-d5	8.90	82	1520531	58.18	ng	-0.02
42) 2,4,6-Tribromophenol	15.88	330	818488	76.17	ng	-0.02
45) 2-Fluorobiphenyl	13.00	172	3223533	49.84	ng	-0.02
79) Terphenyl-d14	19.77	244	3174120	51.73	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	13.84	163	1056167	15.239	ng	99

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

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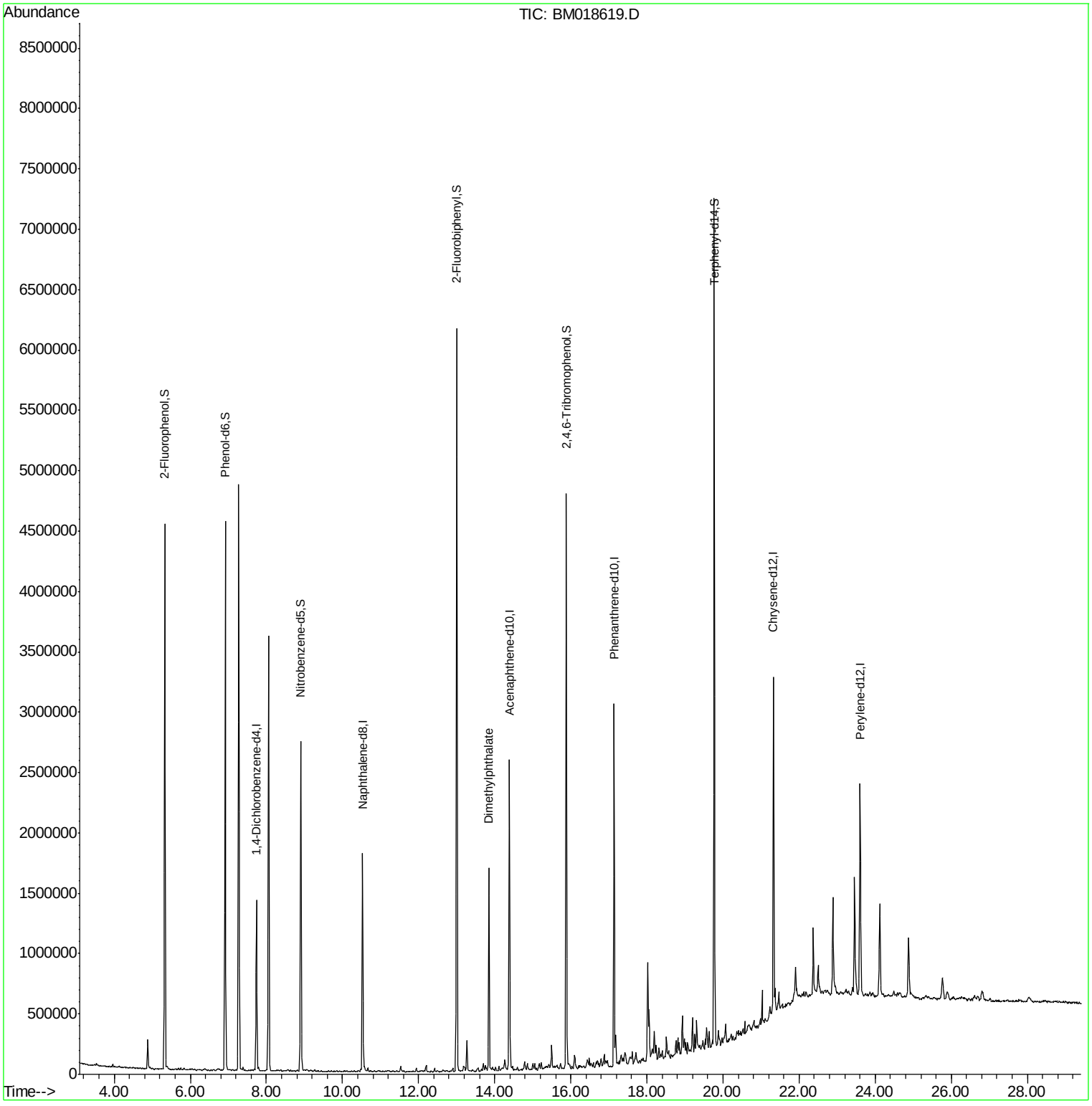
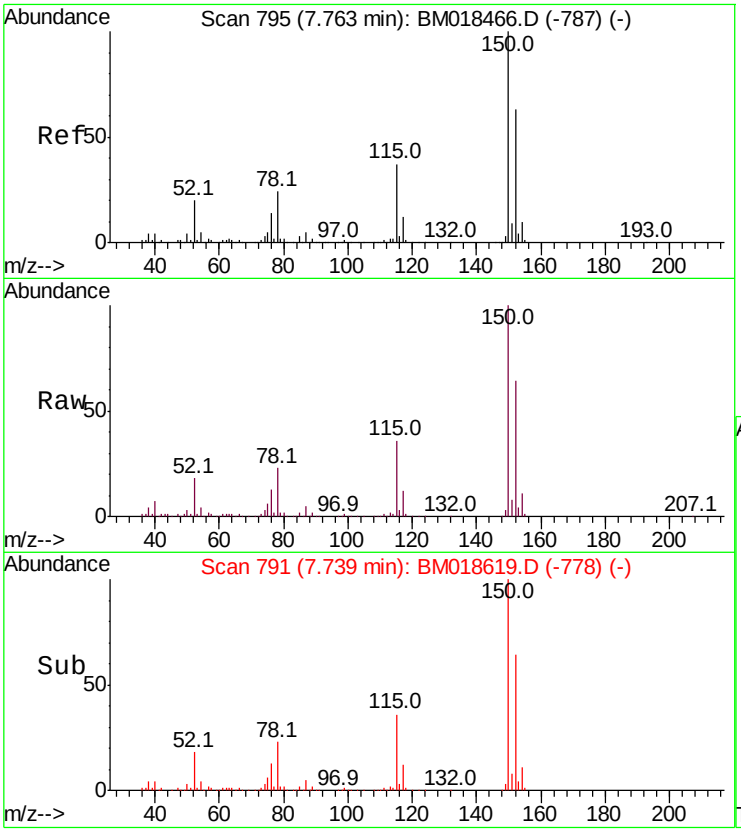


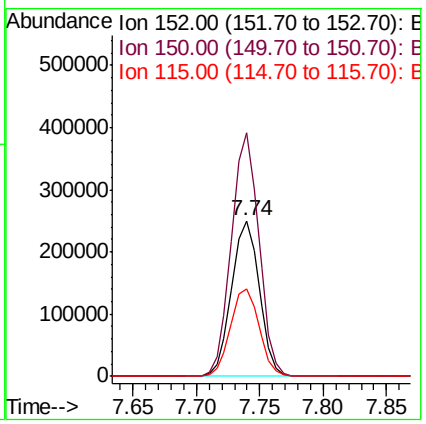


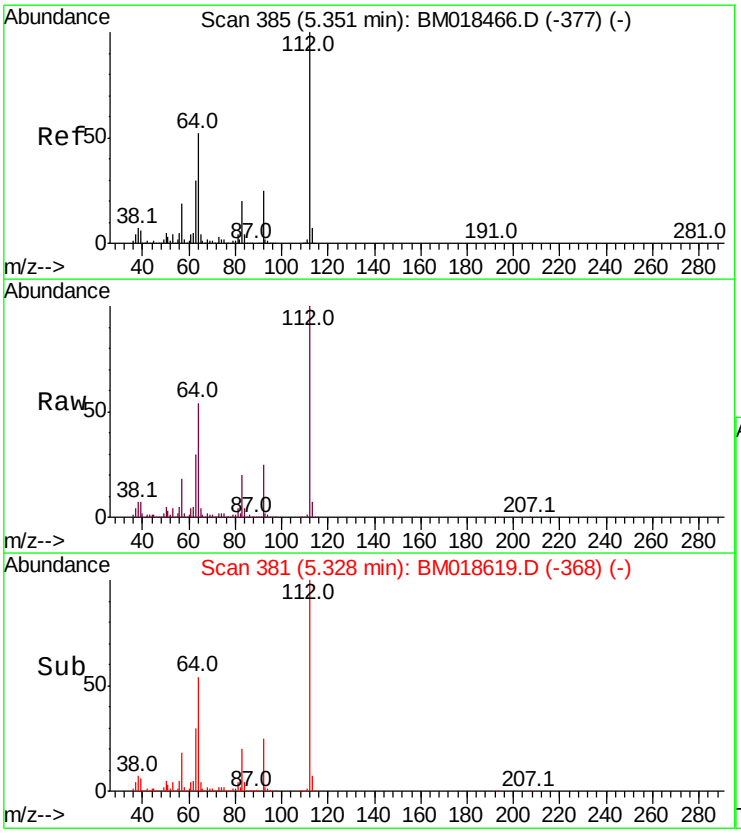
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.74 min Scan# 791
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Instrument :
BNA_M
ClientSampleId :
S-7

Tgt Ion:152 Resp: 379357

Ion	Ratio	Lower	Upper
152	100		
150	156.7	126.9	190.3
115	56.7	45.5	68.3

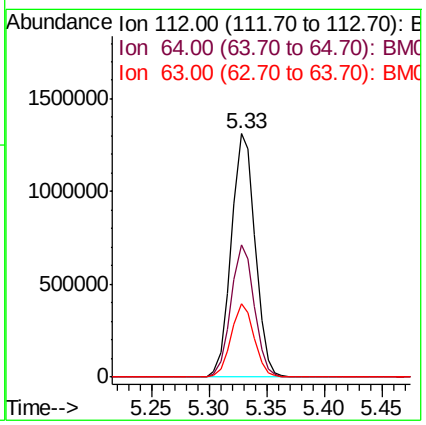


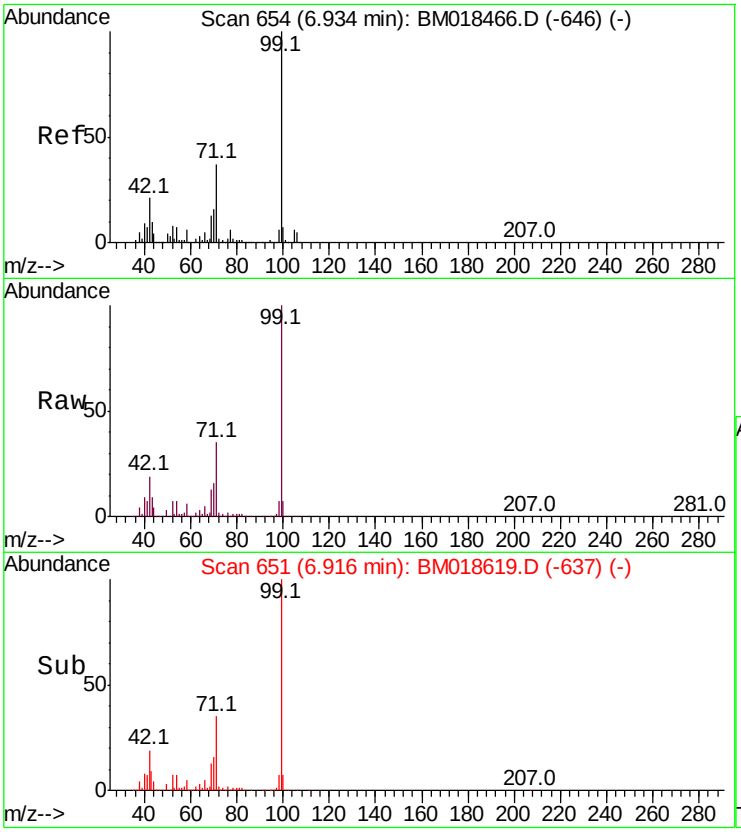


#5
2-Fluorophenol
Concen: 91.352 ng
RT: 5.33 min Scan# 381
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Tgt Ion:112 Resp: 1876811

Ion	Ratio	Lower	Upper
112	100		
64	54.5	46.5	69.7
63	29.9	25.2	37.8



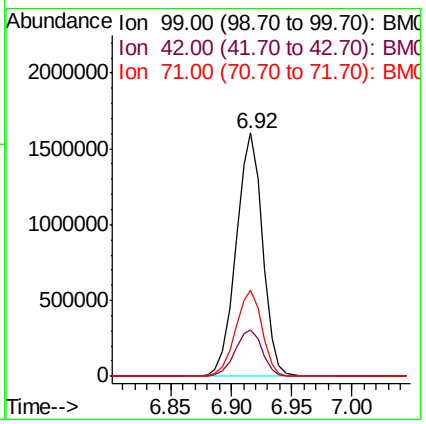


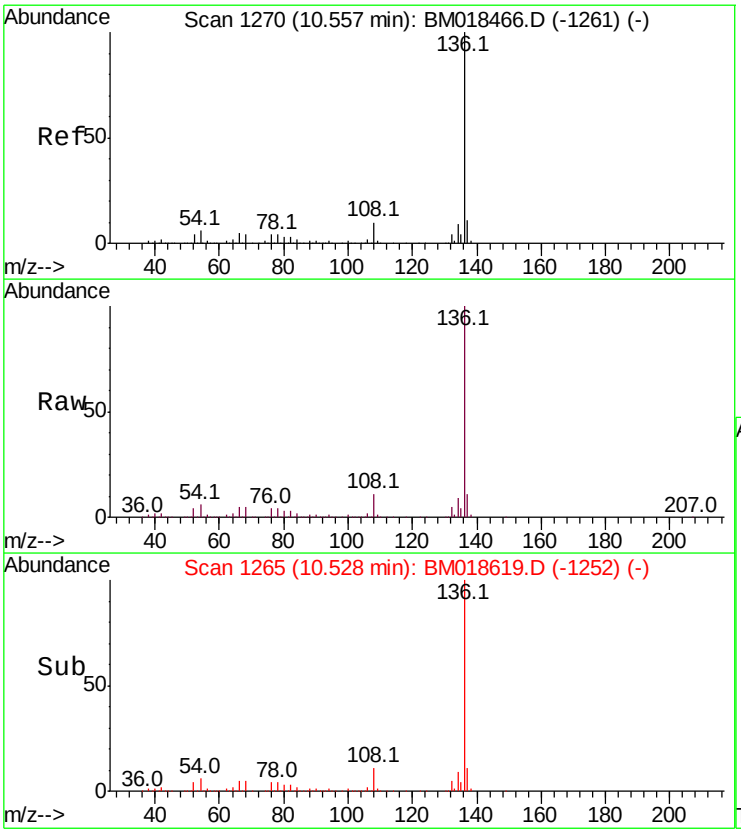
#7
Phenol-d6
Concen: 93.747 ng
RT: 6.92 min Scan# 651
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Instrument :
BNA_M
ClientSampleId :
S-7

Tgt Ion: 99 Resp: 2446268

Ion	Ratio	Lower	Upper
99	100		
42	19.3	17.3	25.9
71	35.4	28.0	42.0

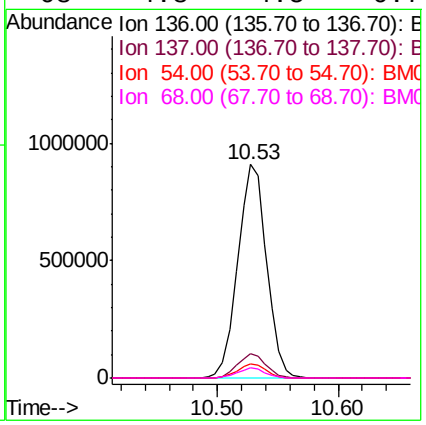


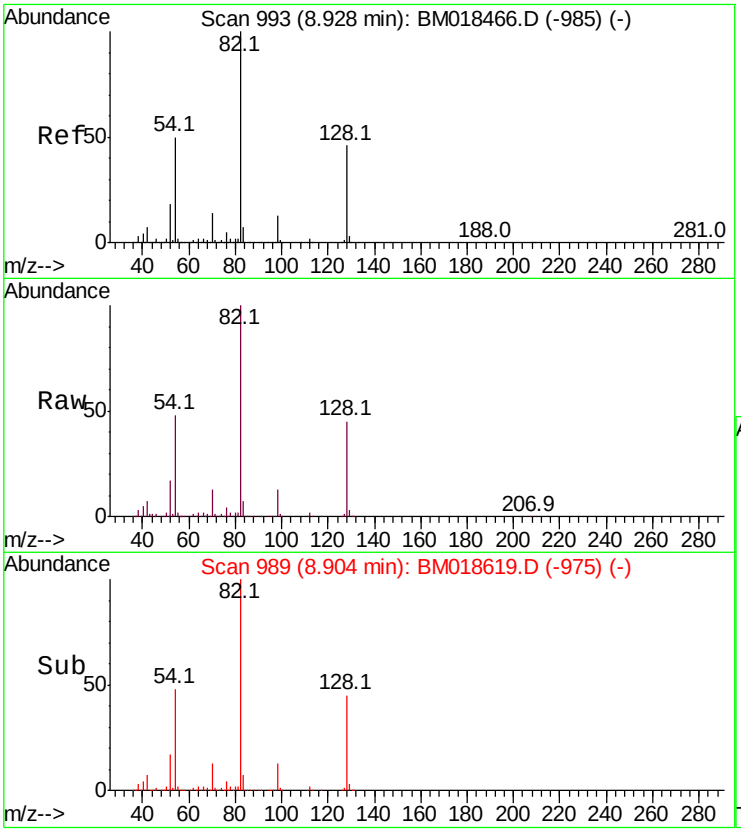


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Tgt Ion:136 Resp: 1515128

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	6.4	6.0	9.0
68	4.8	4.5	6.7



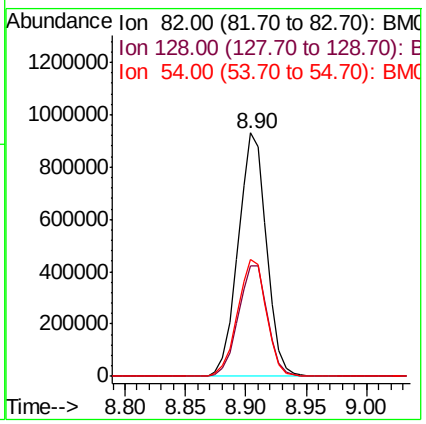


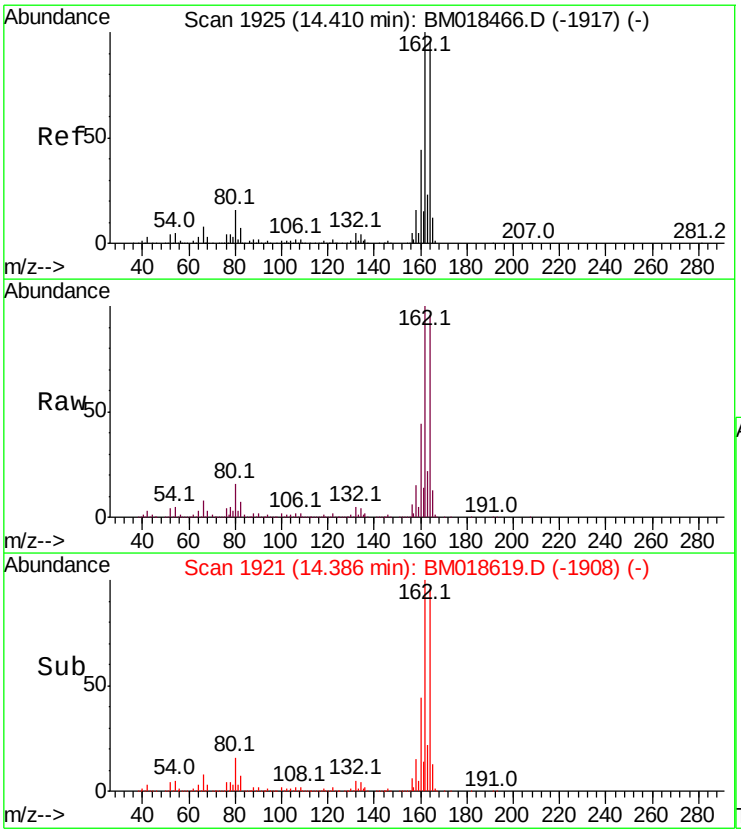
#23
Nitrobenzene-d5
Concen: 58.178 ng
RT: 8.90 min Scan# 989
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Instrument :
BNA_M
ClientSampleId :
S-7

Tgt Ion: 82 Resp: 1520531

Ion	Ratio	Lower	Upper
82	100		
128	45.3	36.3	54.5
54	47.9	41.7	62.5

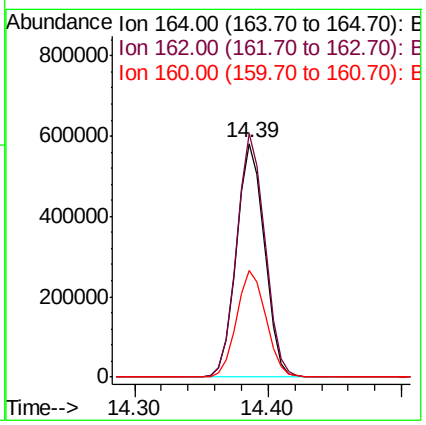


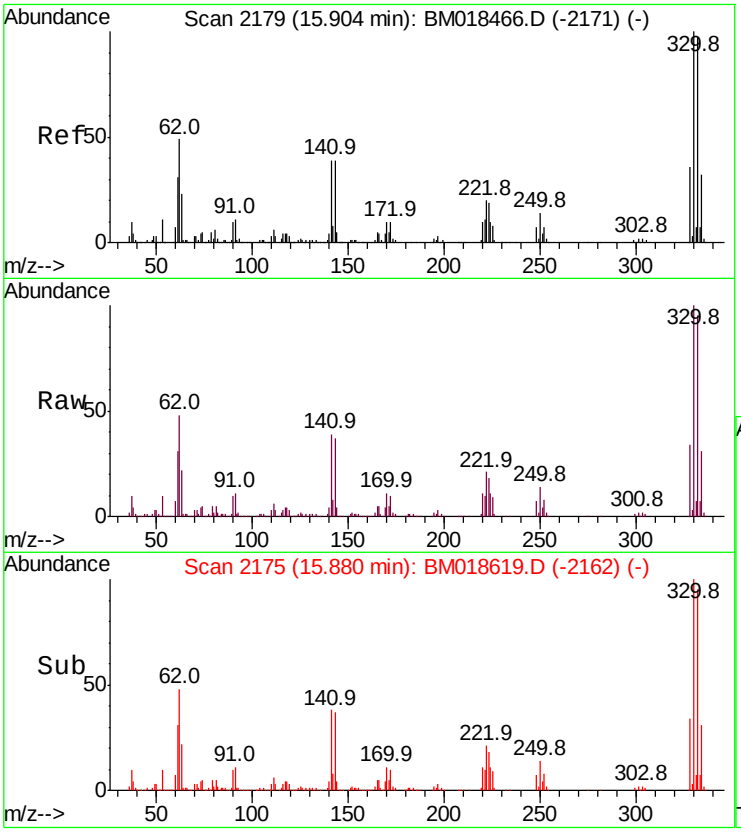


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1921
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Tgt Ion:164 Resp: 843914

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.4
160	45.8	37.1	55.7



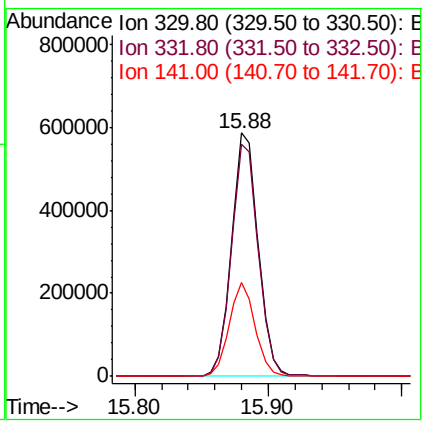


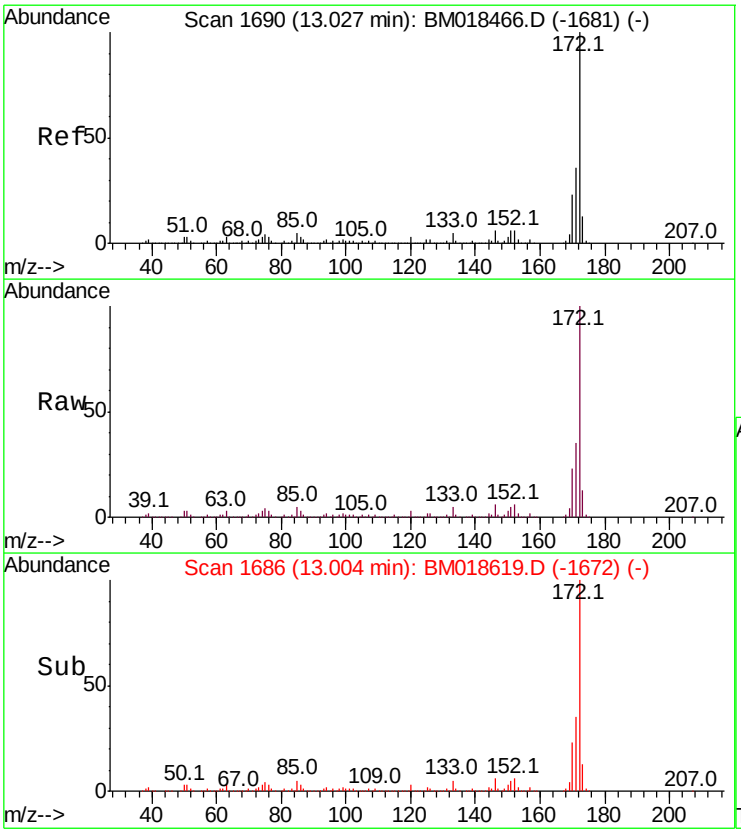
#42
2,4,6-Tribromophenol
Concen: 76.171 ng
RT: 15.88 min Scan# 2175
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Instrument :
BNA_M
ClientSampleId :
S-7

Tgt Ion:330 Resp: 818488

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	37.4	31.7	47.5

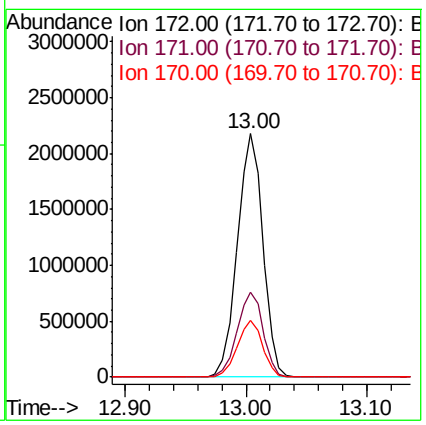


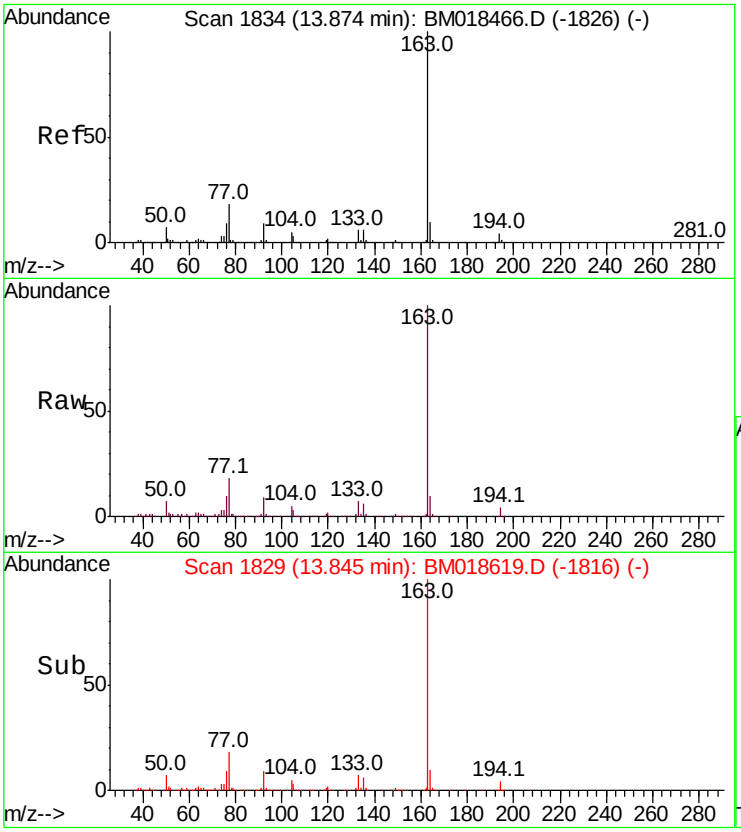


#45
2-Fluorobiphenyl
Concen: 49.842 ng
RT: 13.00 min Scan# 1686
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Tgt Ion:172 Resp: 3223533

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.1	18.9	28.3



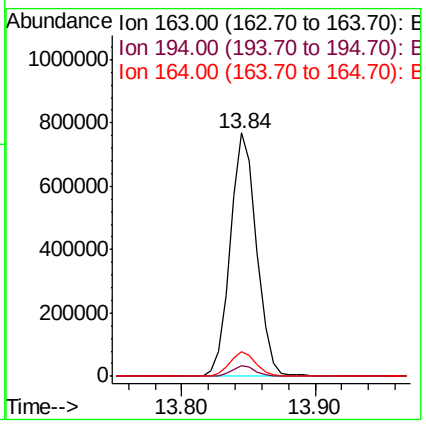


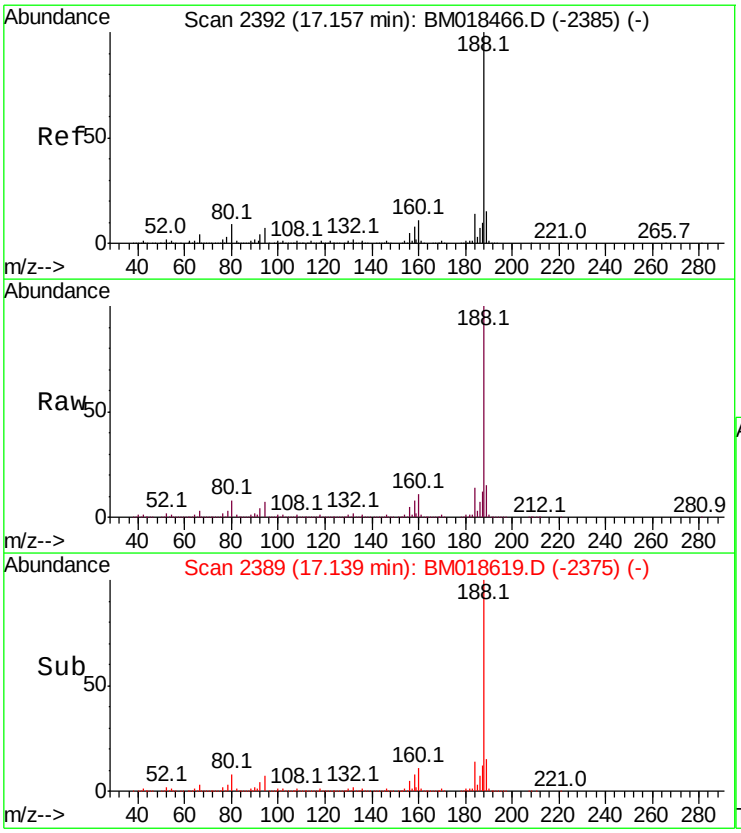
#50
Dimethylphthalate
Concen: 15.239 ng
RT: 13.84 min Scan# 1829
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Instrument :
BNA_M
ClientSampleId :
S-7

Tgt Ion:163 Resp: 1056167

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.0	4.6
164	10.1	7.8	11.8

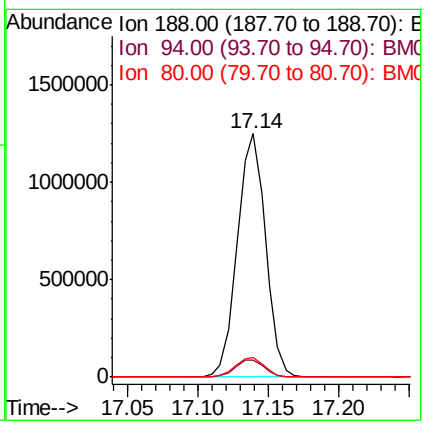


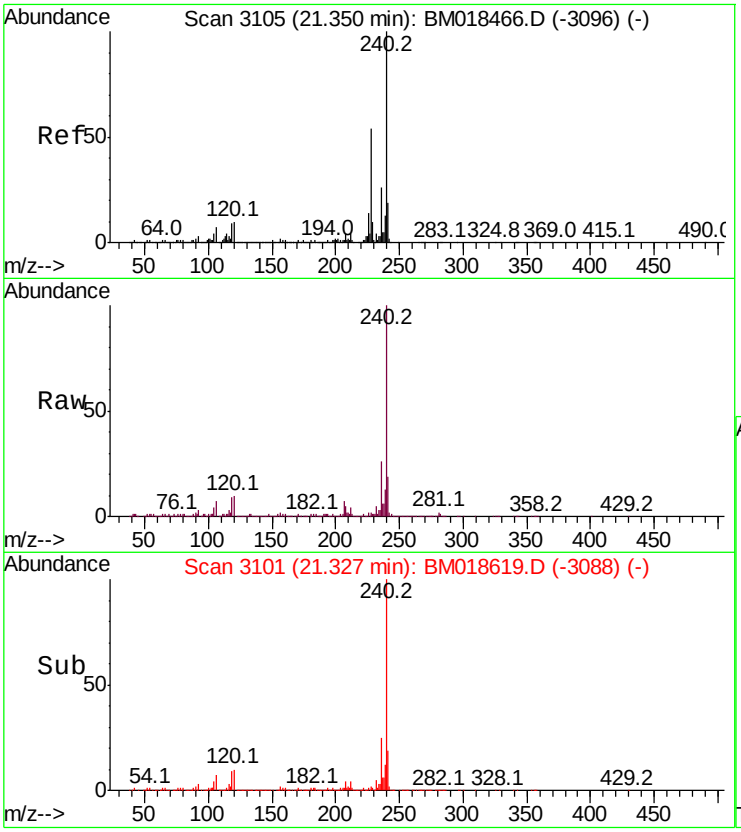


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2389
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Tgt Ion:188 Resp: 1743300

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.1	10.7
80	8.0	7.6	11.4



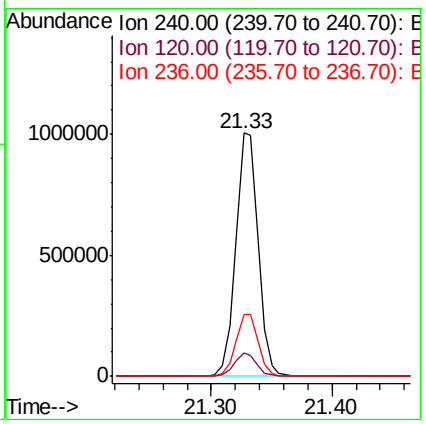


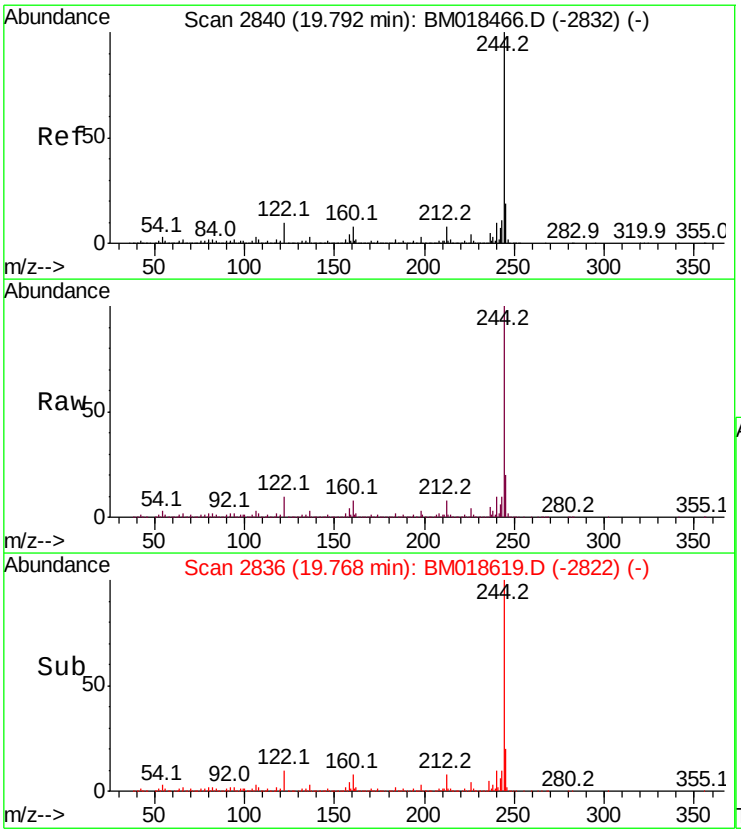
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.33 min Scan# 3101
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Instrument :
BNA_M
ClientSampleId :
S-7

Tgt Ion:240 Resp: 1293507

Ion	Ratio	Lower	Upper
240	100		
120	9.7	8.4	12.6
236	25.6	20.7	31.1

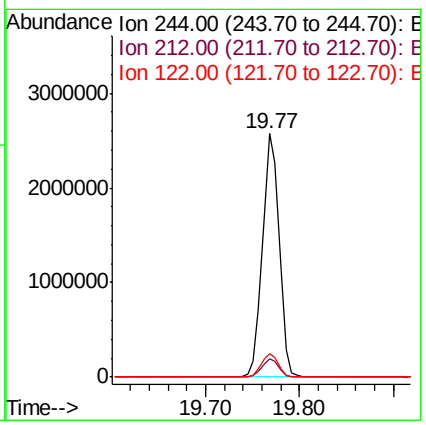


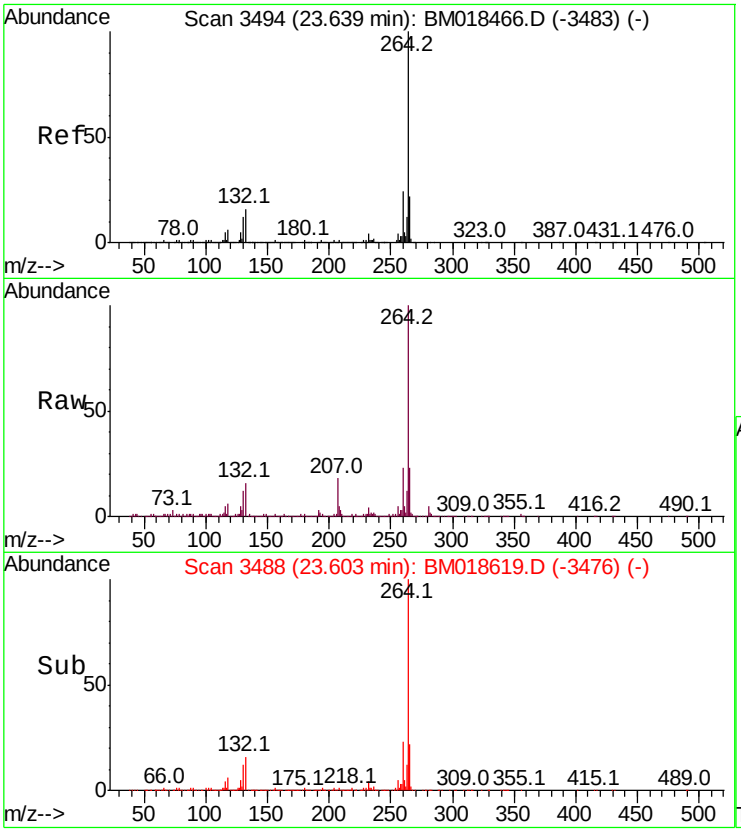


#79
Terphenyl-d14
Concen: 51.729 ng
RT: 19.77 min Scan# 2836
Delta R.T. -0.02 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Tgt Ion:244 Resp: 3174120

Ion	Ratio	Lower	Upper
244	100		
212	7.6	5.9	8.9
122	9.8	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.60 min Scan# 3488
Delta R.T. -0.03 min
Lab File: BM018619.D
Acq: 17 Jan 2019 18:11

Instrument :
BNA_M
ClientSampleId :
S-7

Tgt Ion:264 Resp: 1244324

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.5	16.8	25.2