Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM101818\
Data File : BM017202.D
Acq On : 18 Oct 2018 20:45
Operator : MJ/SJ
Sample : J5549-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB-1018-S-TCLP-GRID-45

Quant Time: Oct 19 13:53:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 14:23:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	310301	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1175740	20.00	ng	0.00
39) Acenaphthene-d10	14.31	164	664557	20.00	ng	0.00
64) Phenanthrene-d10	17.06	188	1505541	20.00	ng	-0.01
76) Chrysene-d12	21.25	240	1468951	20.00	ng	-0.01
87) Perylene-d12	23.46	264	1350736	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	2024964	110.37	ng	0.00
7) Phenol-d6	6.85	99	2376834	95.12	ng	0.00
23) Nitrobenzene-d5	8.82	82	1790631	89.07	ng	-0.01
42) 2,4,6-Tribromophenol	15.80	330	1154046	128.41	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	4088542	81.86	ng	0.00
79) Terphenyl-d14	19.70	244	5878927	90.21	ng	0.00

Target Compounds	Qvalue

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

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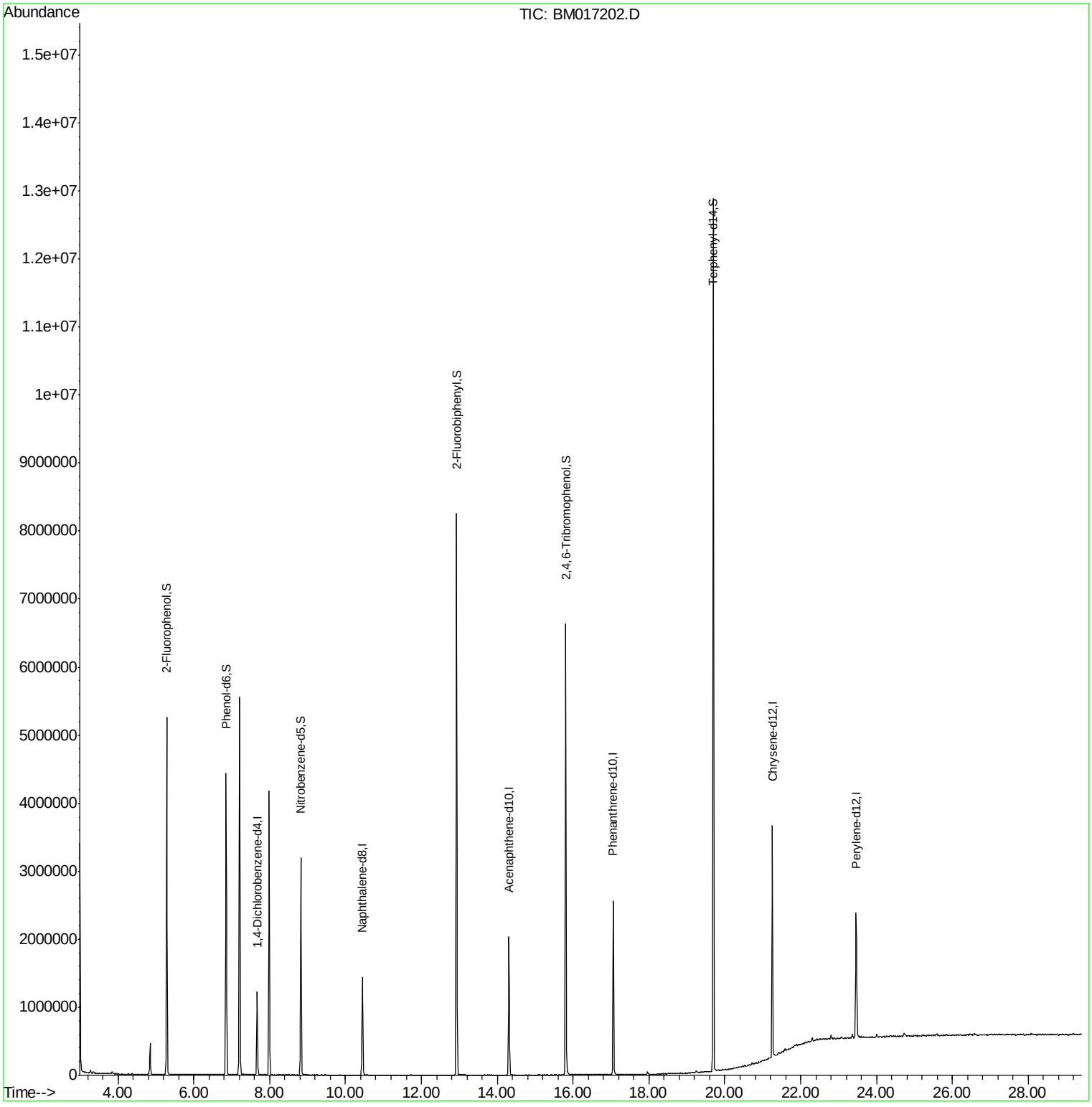
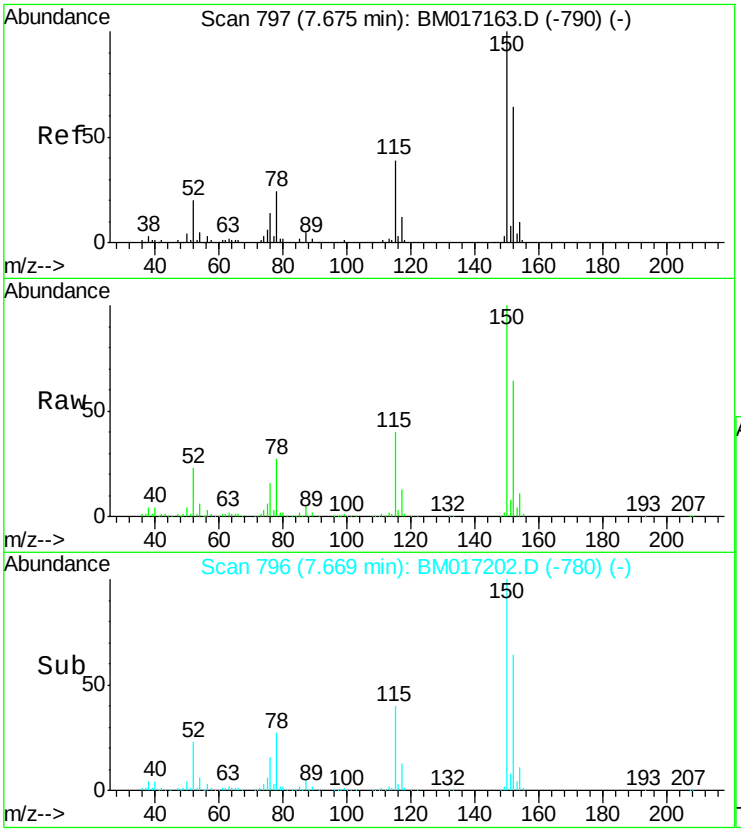


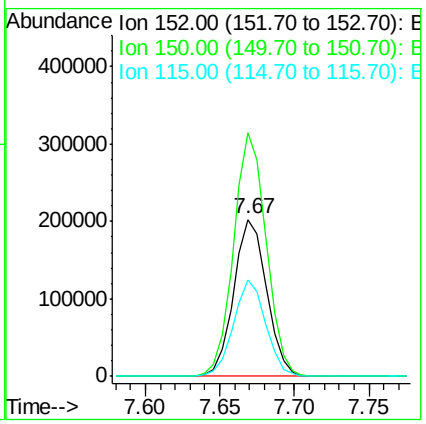


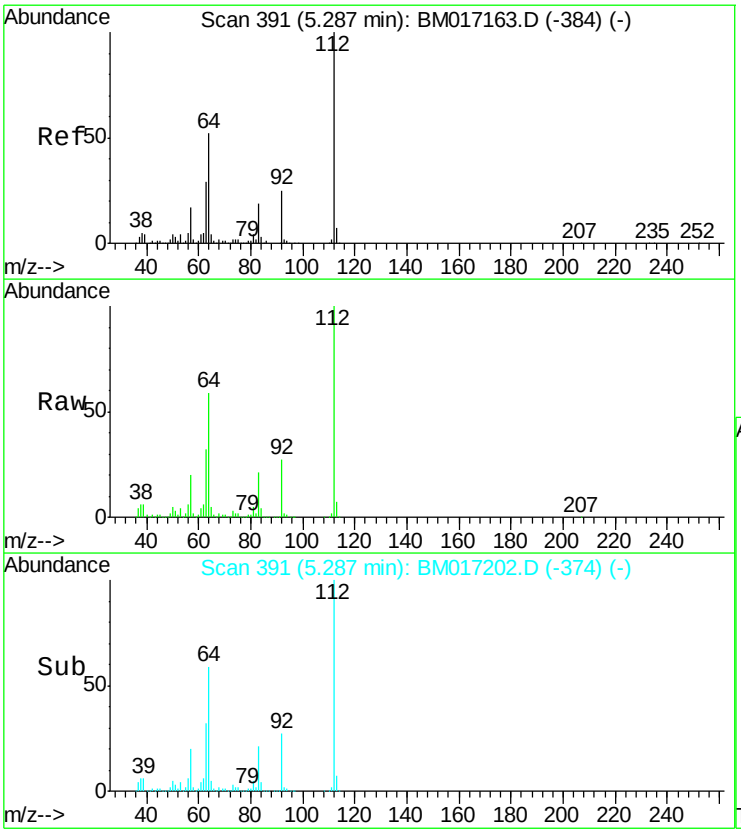
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 796
Delta R.T. -0.01 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45

Tgt Ion:152 Resp: 310301

Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.3	186.5
115	61.7	48.1	72.1

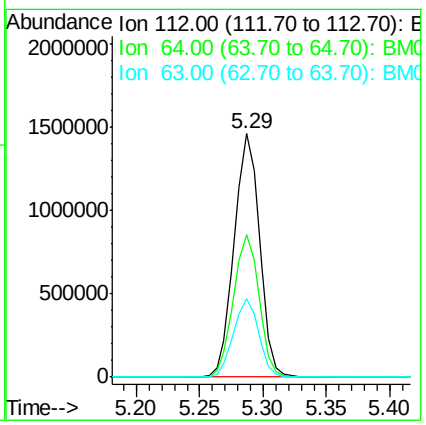


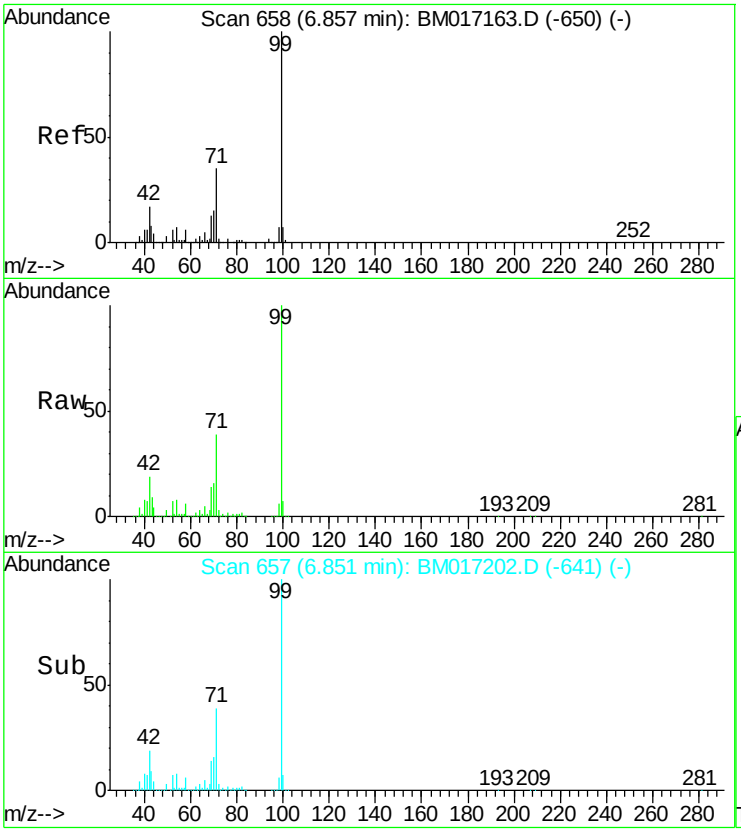


#5
2-Fluorophenol
Concen: 110.373 ng
RT: 5.29 min Scan# 391
Delta R.T. 0.00 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Tgt Ion:112 Resp: 2024964

Ion	Ratio	Lower	Upper
112	100		
64	58.6	41.7	62.5
63	32.2	23.0	34.4



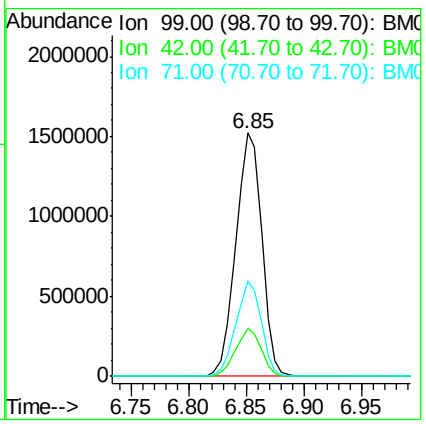


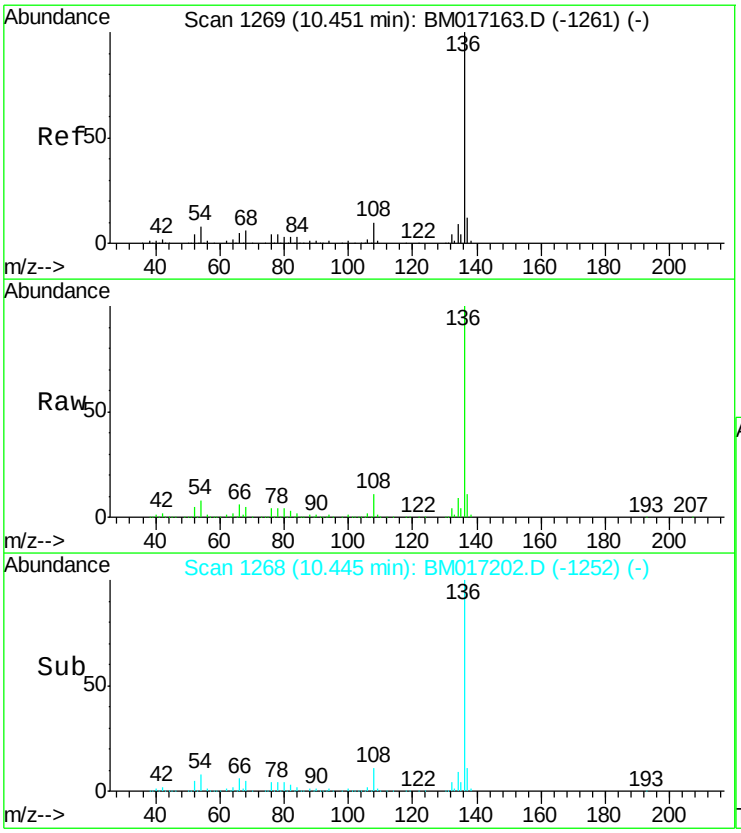
#7
Phenol-d6
Concen: 95.123 ng
RT: 6.85 min Scan# 657
Delta R.T. -0.01 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45

Tgt Ion: 99 Resp: 2376834

Ion	Ratio	Lower	Upper
99	100		
42	19.4	13.3	19.9
71	39.2	28.0	42.0

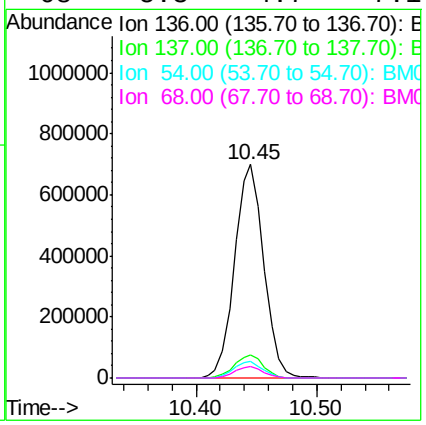


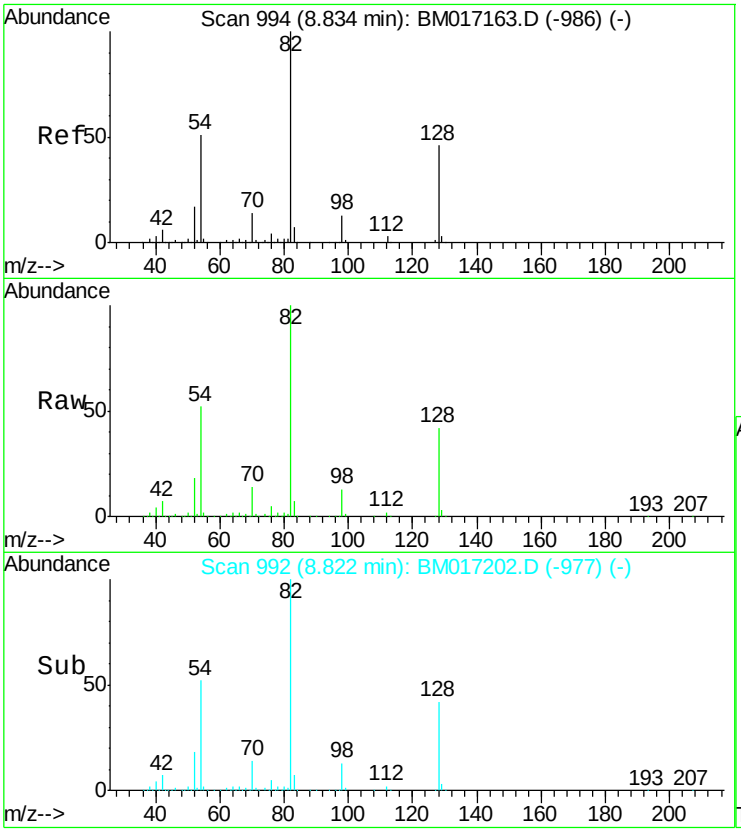


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Tgt Ion:136 Resp: 1175740

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.2	13.8
54	7.7	6.7	10.1
68	5.3	4.7	7.1



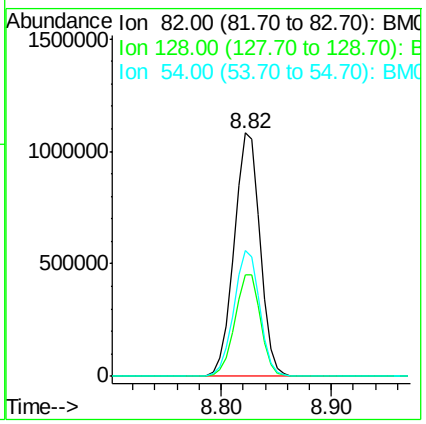


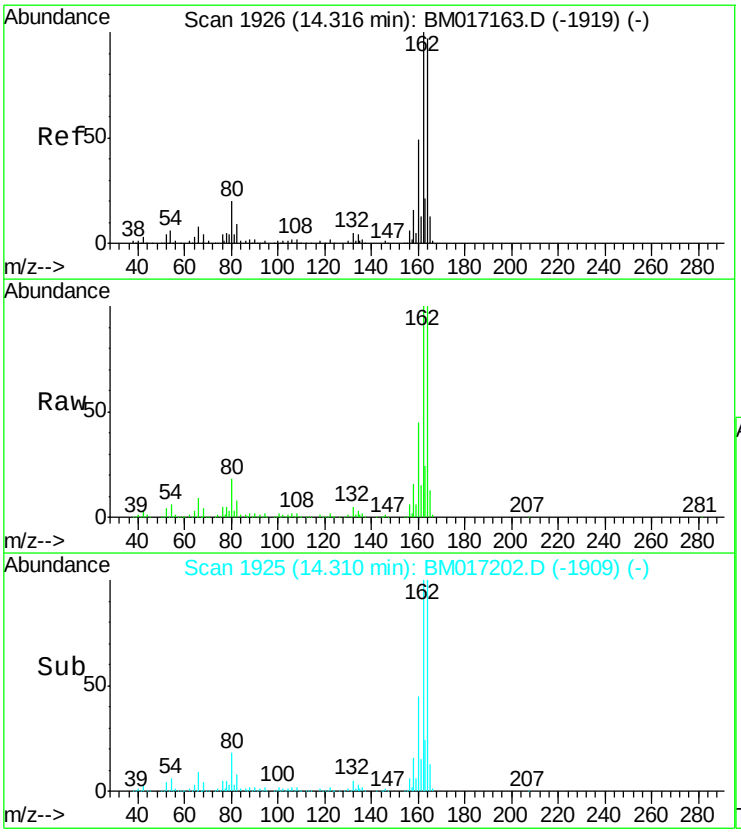
#23
Nitrobenzene-d5
Concen: 89.073 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45

Tgt Ion: 82 Resp: 1790631

Ion	Ratio	Lower	Upper
82	100		
128	41.8	37.0	55.6
54	51.8	40.7	61.1

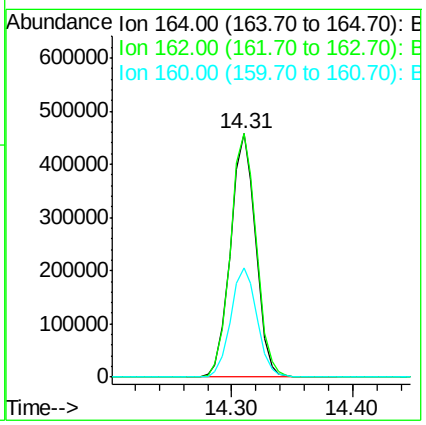


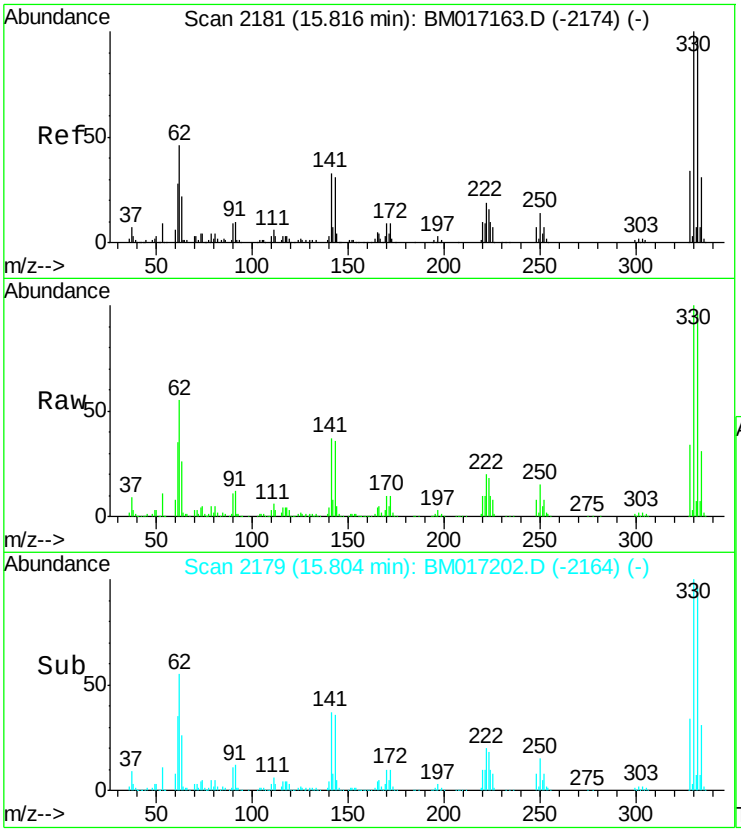


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.31 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Tgt Ion:164 Resp: 664557

Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.1	123.1
160	45.1	40.2	60.2



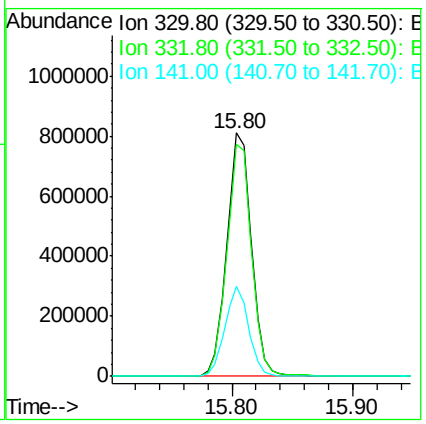


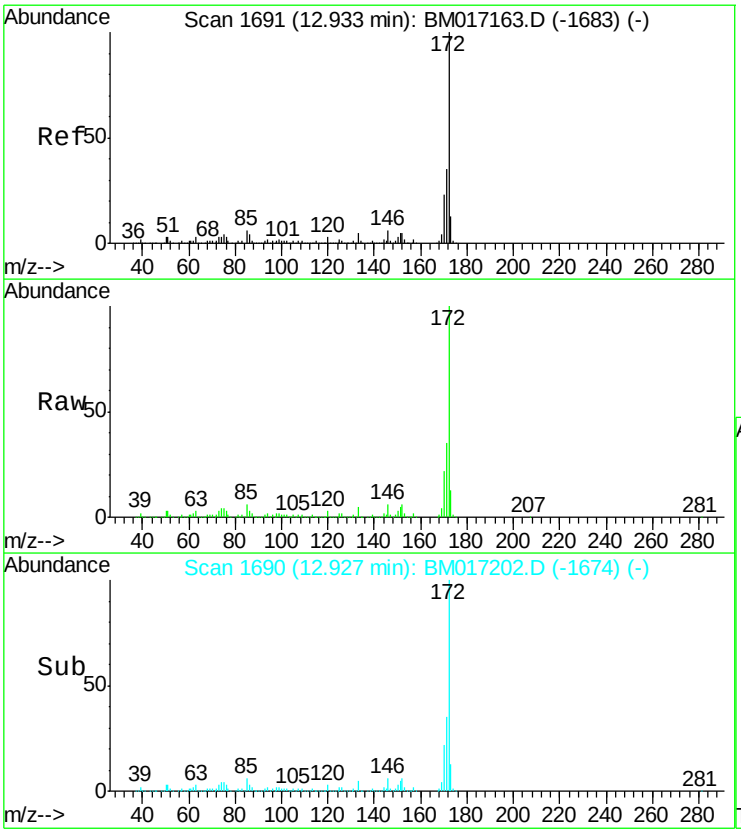
#42
2,4,6-Tribromophenol
Concen: 128.411 ng
RT: 15.80 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45

Tgt Ion:330 Resp: 1154046

Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.3	115.9
141	35.4	27.4	41.0

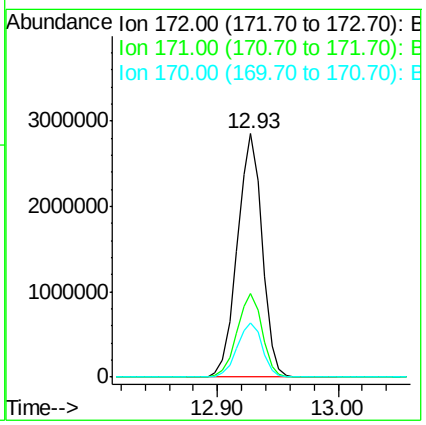


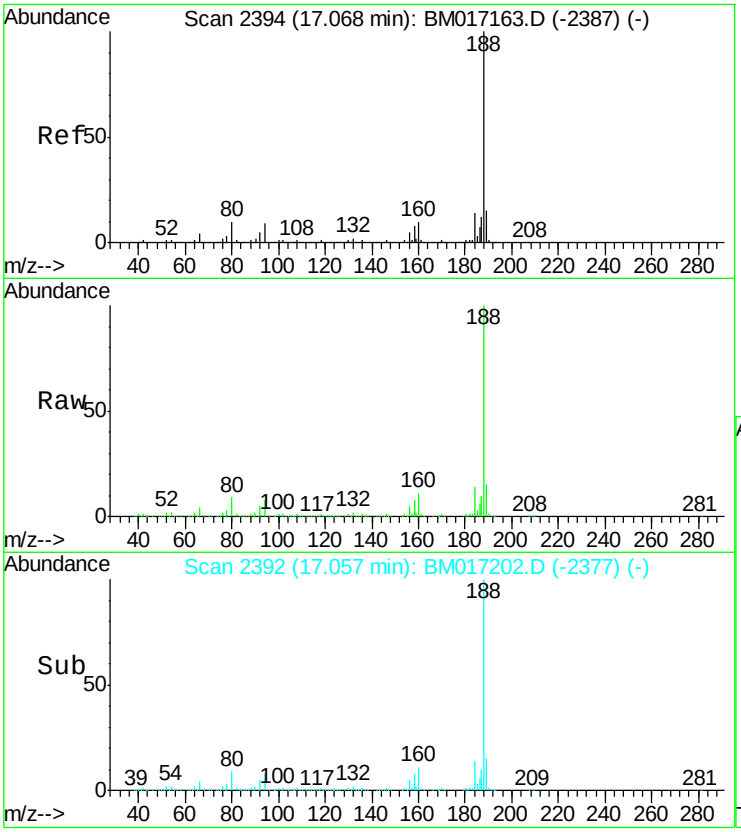


#45
2-Fluorobiphenyl
Concen: 81.859 ng
RT: 12.93 min Scan# 1690
Delta R.T. -0.01 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Tgt Ion:172 Resp: 4088542

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.3	42.5
170	22.5	18.3	27.5



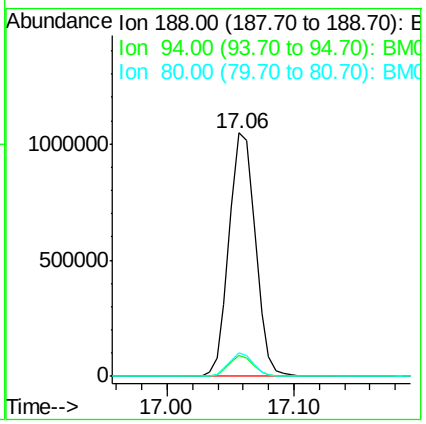


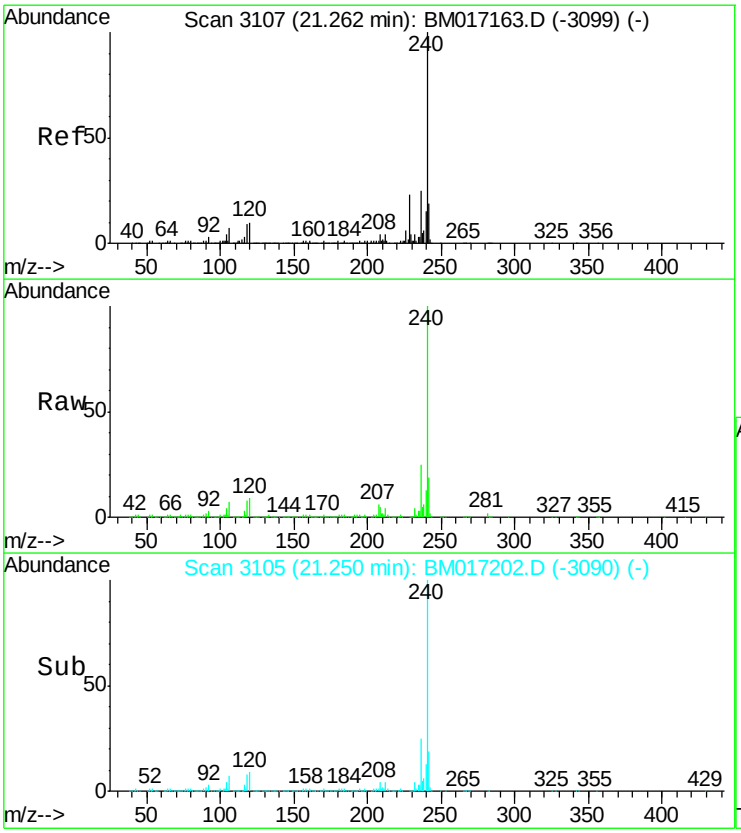
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2392
Delta R.T. -0.01 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45

Tgt Ion:188 Resp: 1505541

Ion	Ratio	Lower	Upper
188	100		
94	8.4	7.0	10.4
80	9.5	7.7	11.5

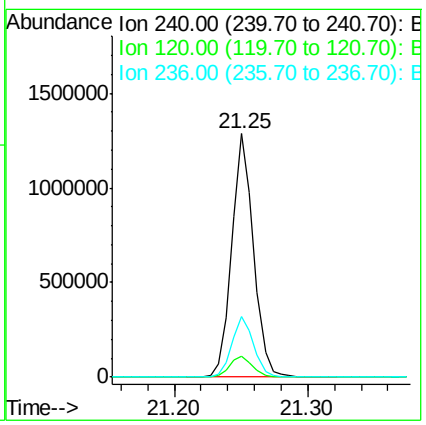


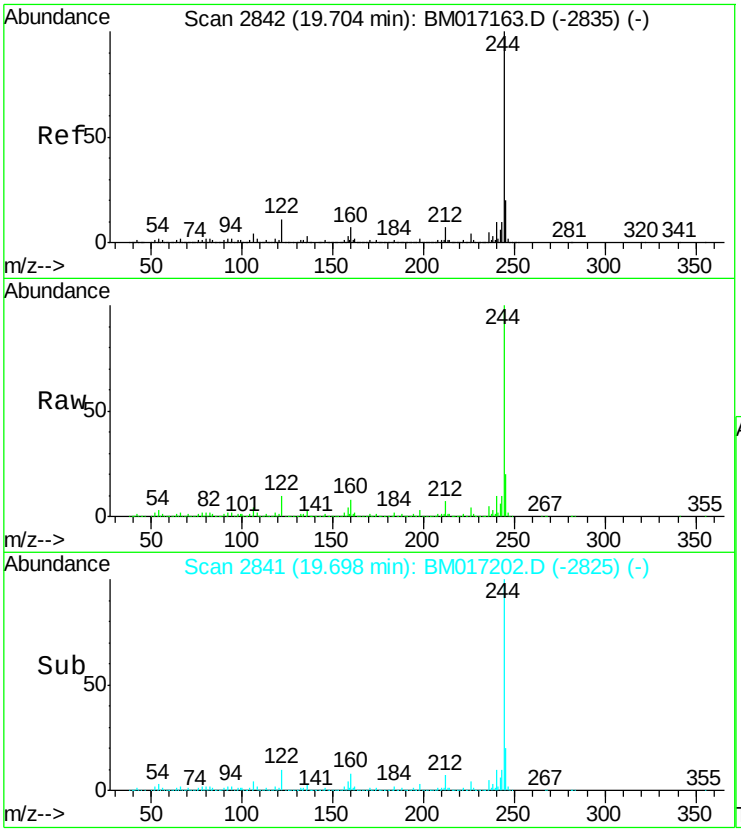


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.25 min Scan# 3105
Delta R.T. -0.01 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Tgt Ion:240 Resp: 1468951

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.1	12.1
236	24.8	19.9	29.9



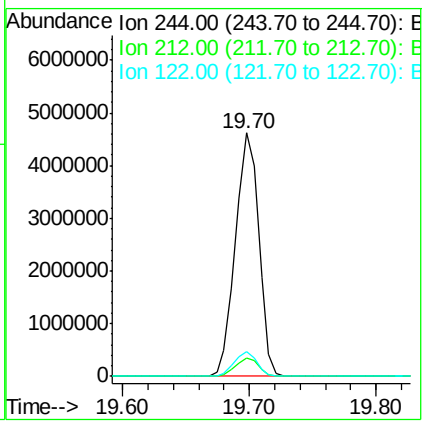


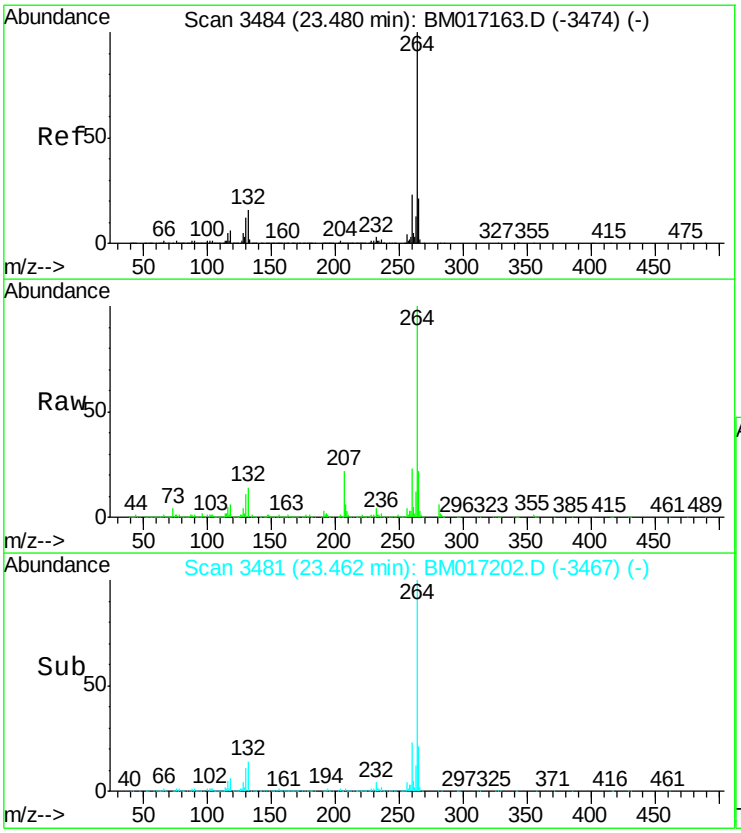
#79
Terphenyl-d14
Concen: 90.208 ng
RT: 19.70 min Scan# 2841
Delta R.T. -0.01 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Instrument :
BNA_M
ClientSampleId :
CB-1018-S-TCLP-GRID-45

Tgt Ion:244 Resp: 5878927

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.5	8.3
122	10.4	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.46 min Scan# 3481
Delta R.T. -0.02 min
Lab File: BM017202.D
Acq: 18 Oct 2018 20:45

Tgt Ion:264 Resp: 1350736

Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	22.1	17.8	26.8