Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM090418\
Data File : BM016646.D
Acq On : 04 Sep 2018 15:05
Operator : SJ/JU
Sample : PB112537BL
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PB112537BL

Quant Time: Sep 04 18:21:23 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 27 13:01:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	60299	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	187793	20.00	ng	0.00
38) Acenaphthene-d10	14.64	164	120316	20.00	ng	0.00
63) Phenanthrene-d10	17.39	188	376041	20.00	ng	0.00
75) Chrysene-d12	21.53	240	505803	20.00	ng	0.00
86) Perylene-d12	23.80	264	640761	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	363911	118.26	ng	0.00
7) Phenol-d6	7.17	99	433119	106.37	ng	0.00
23) Nitrobenzene-d5	9.18	82	384753	93.55	ng	-0.01
41) 2,4,6-Tribromophenol	16.13	330	369461	109.85	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	1049326	83.83	ng	-0.01
78) Terphenyl-d14	19.97	244	2441288	102.16	ng	-0.01
Target Compounds						Qvalue

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

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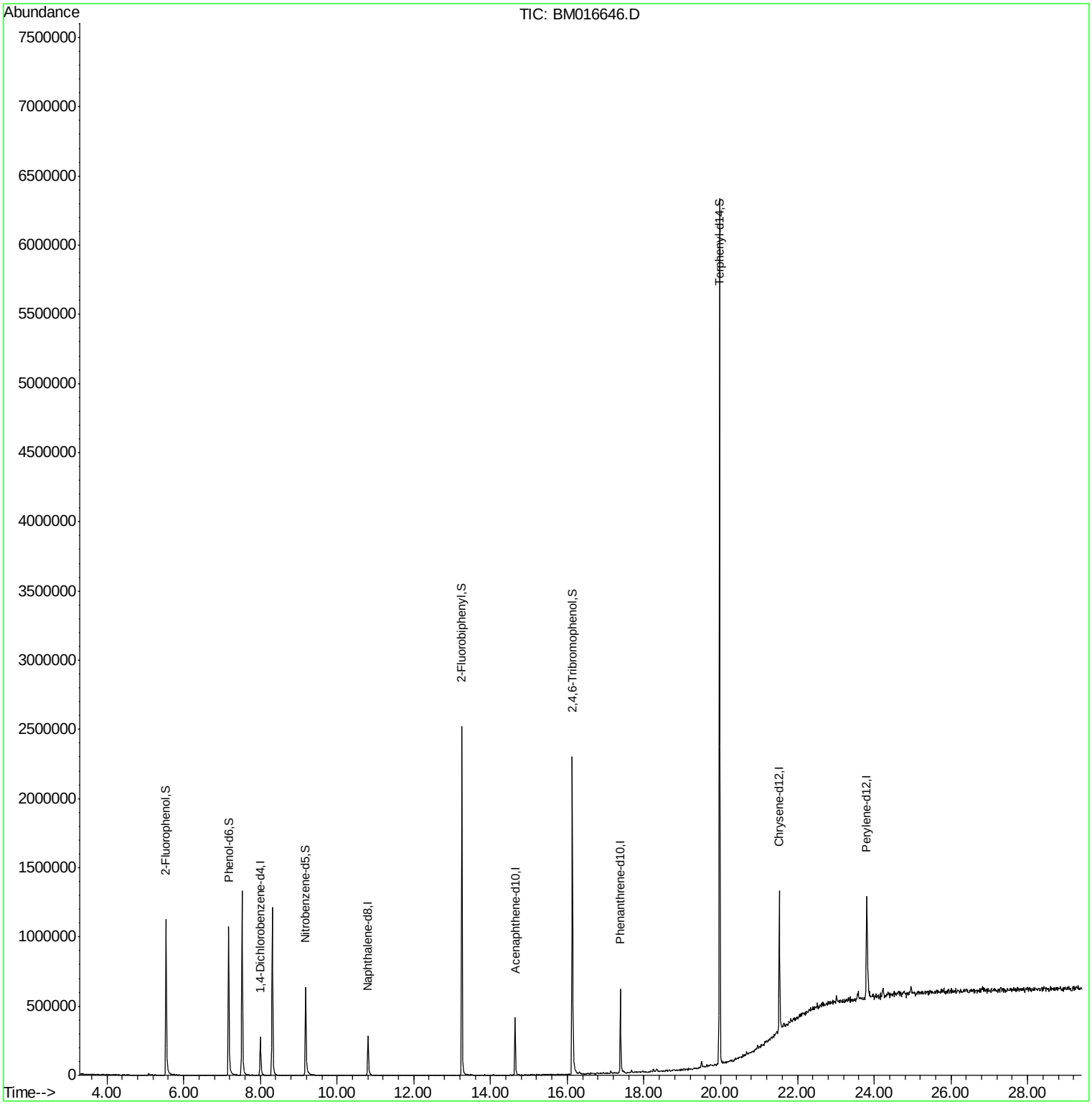
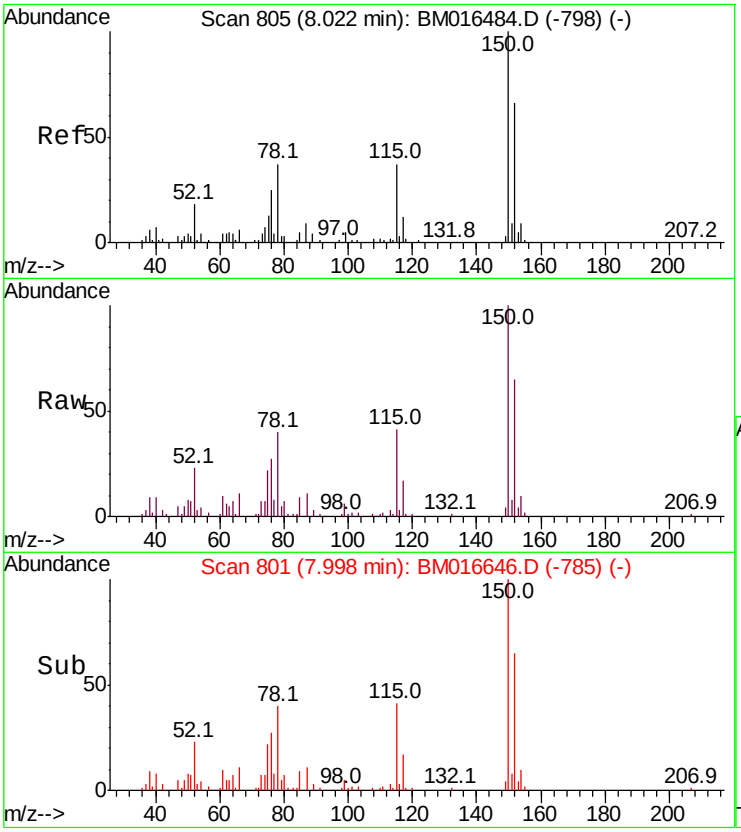


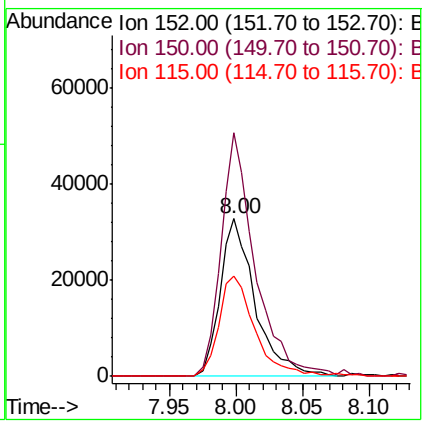


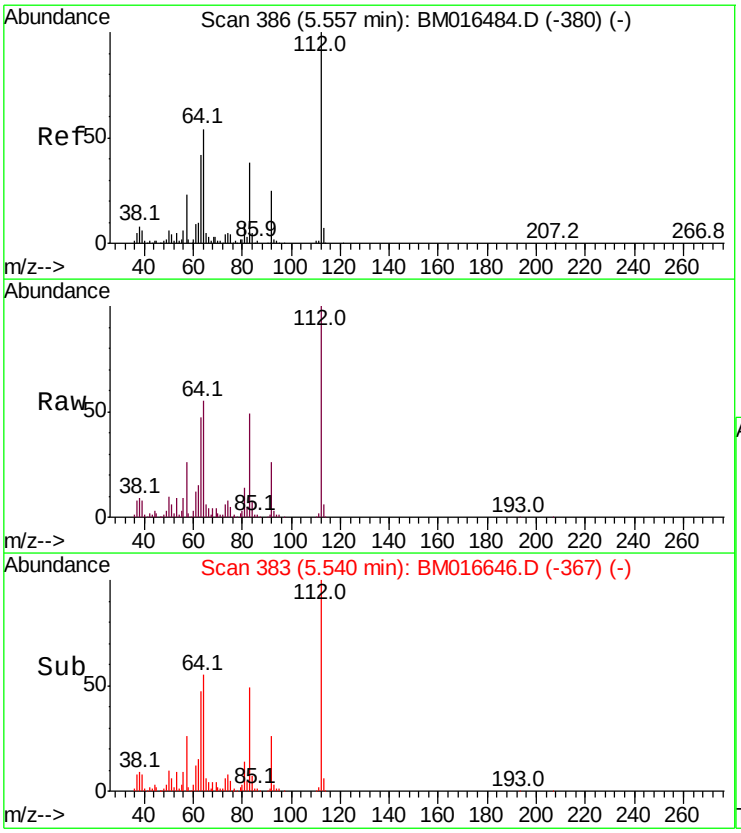
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 801
Delta R.T. -0.01 min
Lab File: BM016646.D
Acq: 04 Sep 2018 15:05

Instrument :
BNA_M
ClientSampleId :
PB112537BL

Tgt Ion:152 Resp: 60299

Ion	Ratio	Lower	Upper
152	100		
150	154.4	119.5	179.3
115	63.2	43.0	64.4

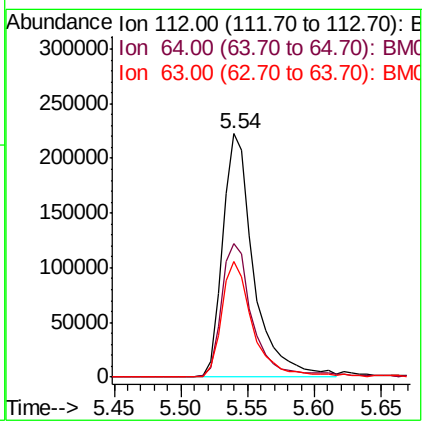


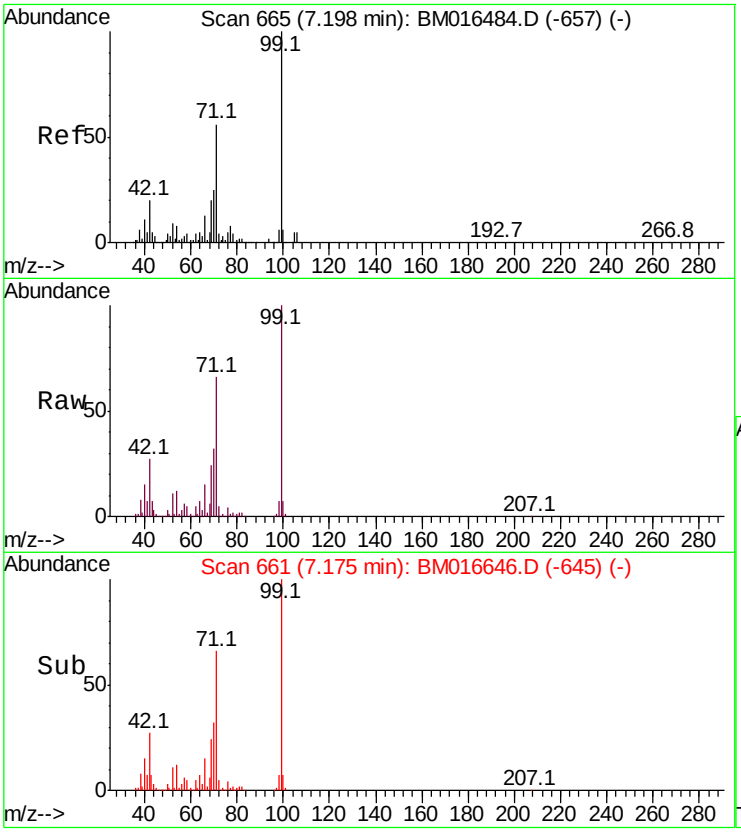


#5
2-Fluorophenol
Concen: 118.263 ng
RT: 5.54 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM016646.D
Acq: 04 Sep 2018 15:05

Tgt Ion:112 Resp: 363911

Ion	Ratio	Lower	Upper
112	100		
64	54.8	38.6	57.8
63	47.3	19.3	28.9#



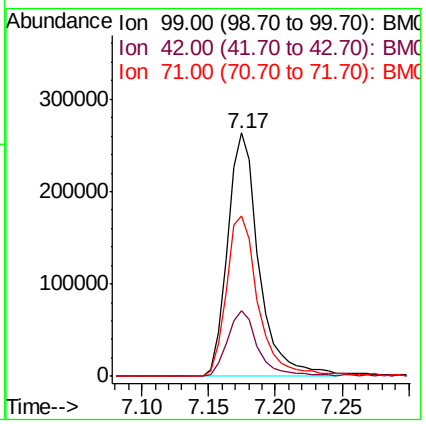


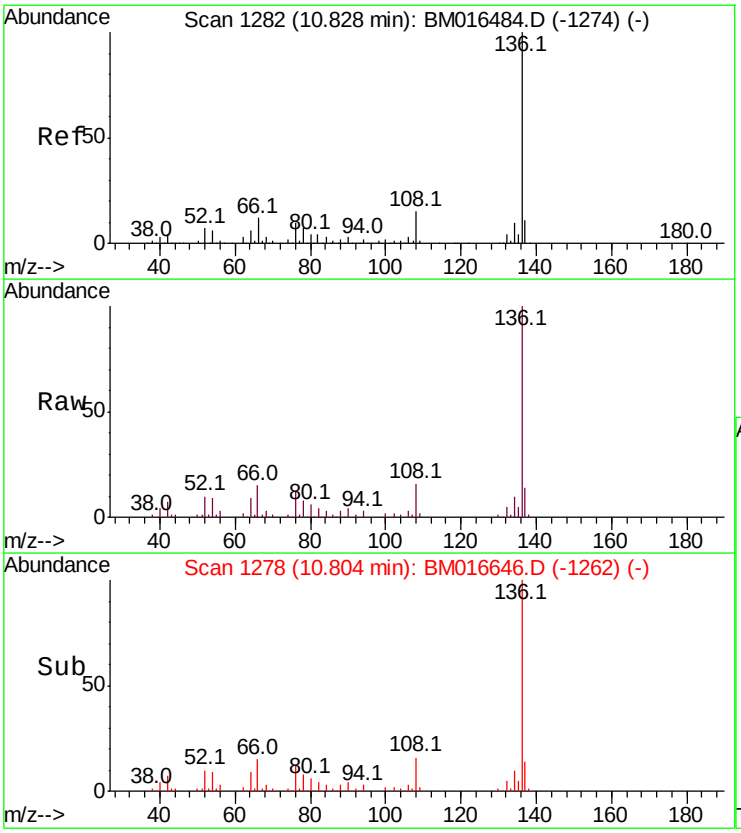
#7
Phenol-d6
Concen: 106.368 ng
RT: 7.17 min Scan# 661
Delta R.T. -0.01 min
Lab File: BM016646.D
Acq: 04 Sep 2018 15:05

Instrument :
BNA_M
ClientSampleId :
PB112537BL

Tgt Ion: 99 Resp: 433119

Ion	Ratio	Lower	Upper
99	100		
42	26.8	11.0	16.4#
71	65.9	23.4	35.2#

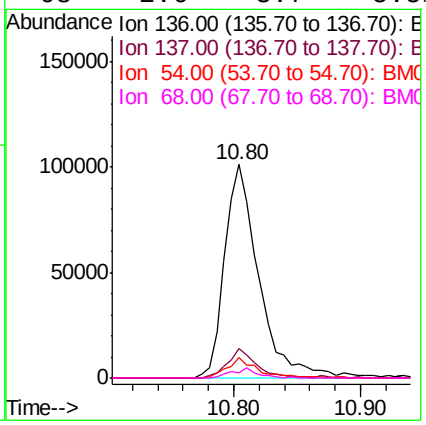


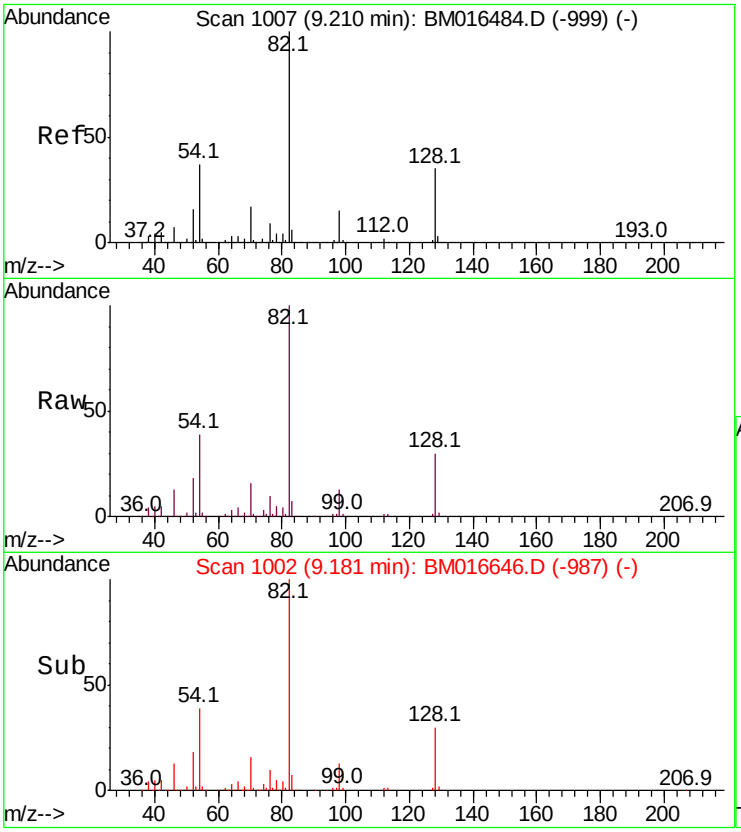


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1278
Delta R.T. -0.01 min
Lab File: BM016646.D
Acq: 04 Sep 2018 15:05

Tgt Ion:136 Resp: 187793

Ion	Ratio	Lower	Upper
136	100		
137	13.8	8.7	13.1#
54	9.4	4.6	6.8#
68	2.6	3.7	5.5#



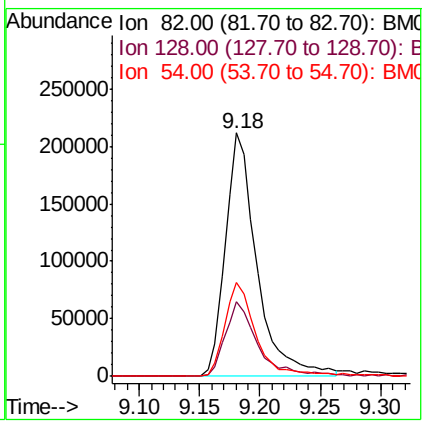


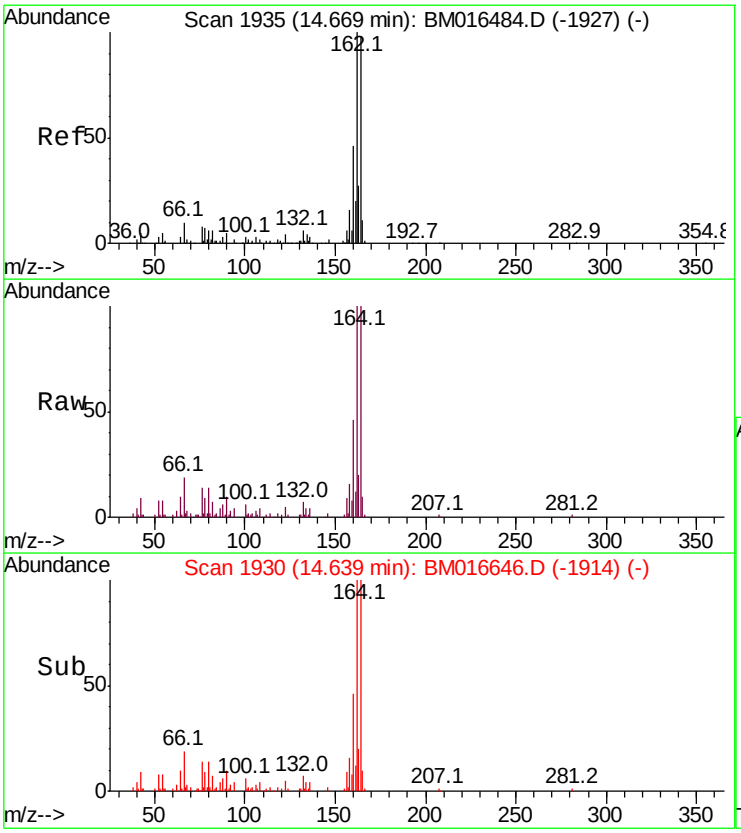
#23
Nitrobenzene-d5
Concen: 93.547 ng
RT: 9.18 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BM016646.D
Acq: 04 Sep 2018 15:05

Instrument :
BNA_M
ClientSampleId :
PB112537BL

Tgt Ion: 82 Resp: 384753

Ion	Ratio	Lower	Upper
82	100		
128	30.4	32.8	49.2#
54	38.6	40.6	60.8#

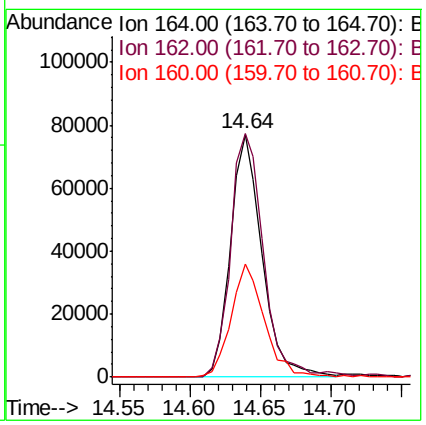


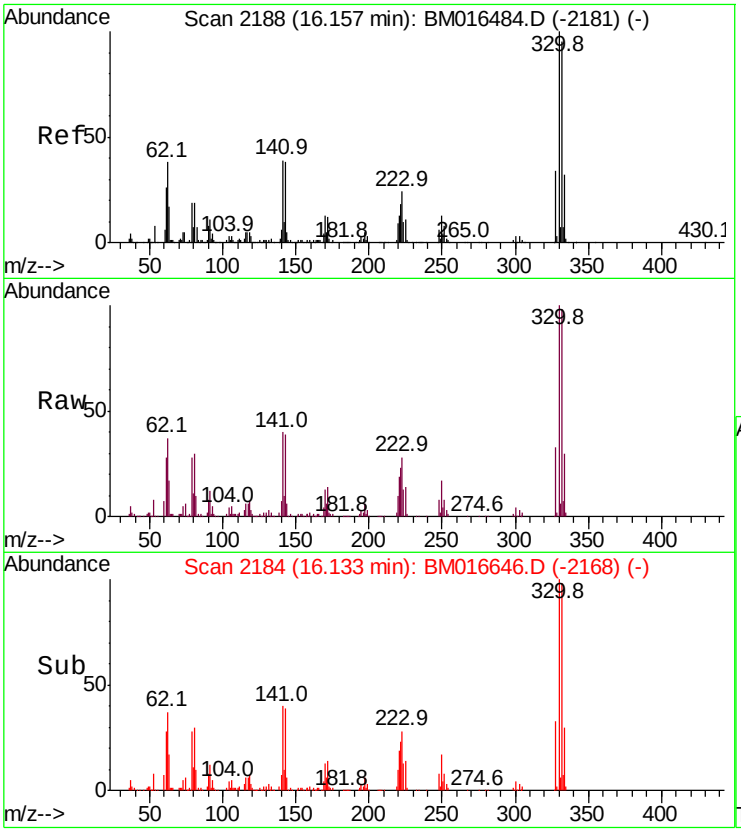


#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.64 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BM016646.D
Acq: 04 Sep 2018 15:05

Tgt Ion:164 Resp: 120316

Ion	Ratio	Lower	Upper
164	100		
162	100.4	82.4	123.6
160	46.5	35.8	53.6



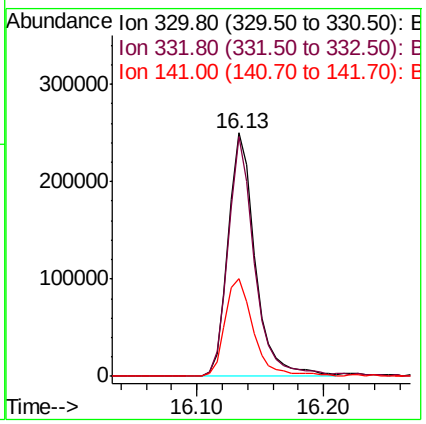


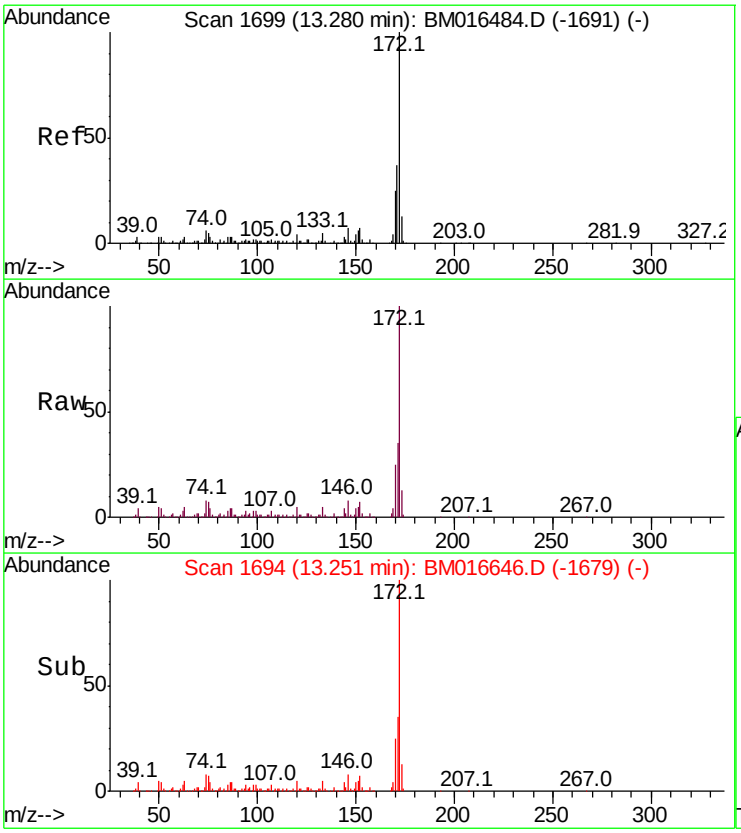
#41
2,4,6-Tribromophenol
Concen: 109.849 ng
RT: 16.13 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BM016646.D
Acq: 04 Sep 2018 15:05

Instrument :
BNA_M
ClientSampleId :
PB112537BL

Tgt Ion:330 Resp: 369461

Ion	Ratio	Lower	Upper
330	100		
332	95.5	0.0	0.0#
141	42.1	0.0	0.0#

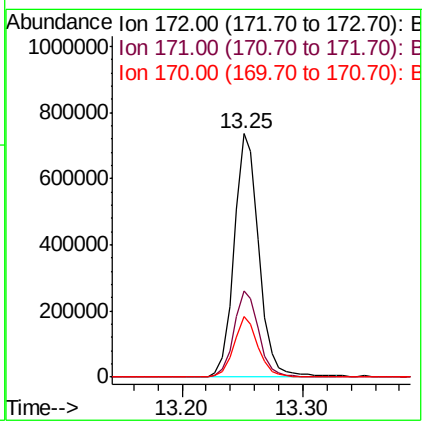


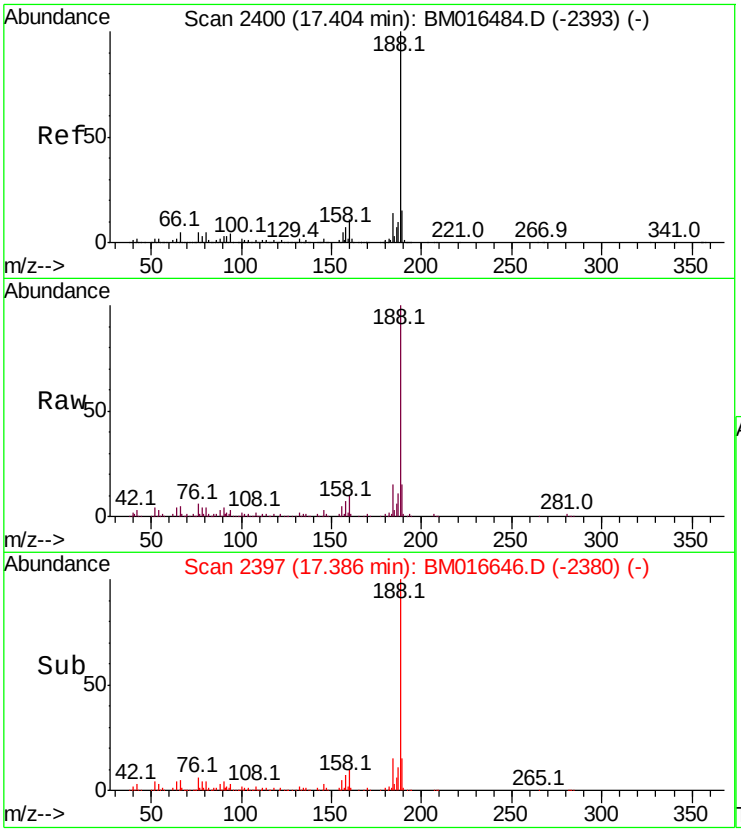


#44
2-Fluorobiphenyl
Concen: 83.832 ng
RT: 13.25 min Scan# 1694
Delta R.T. -0.01 min
Lab File: BM016646.D
Acq: 04 Sep 2018 15:05

Tgt Ion:172 Resp: 1049326

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	25.0	18.8	28.2



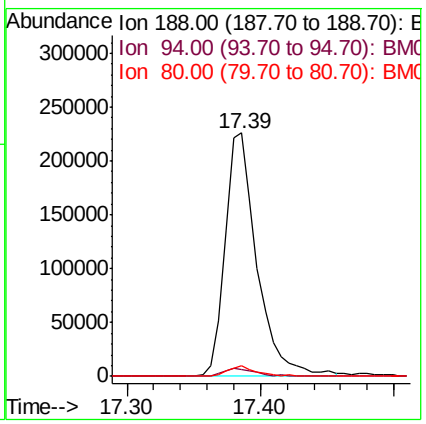


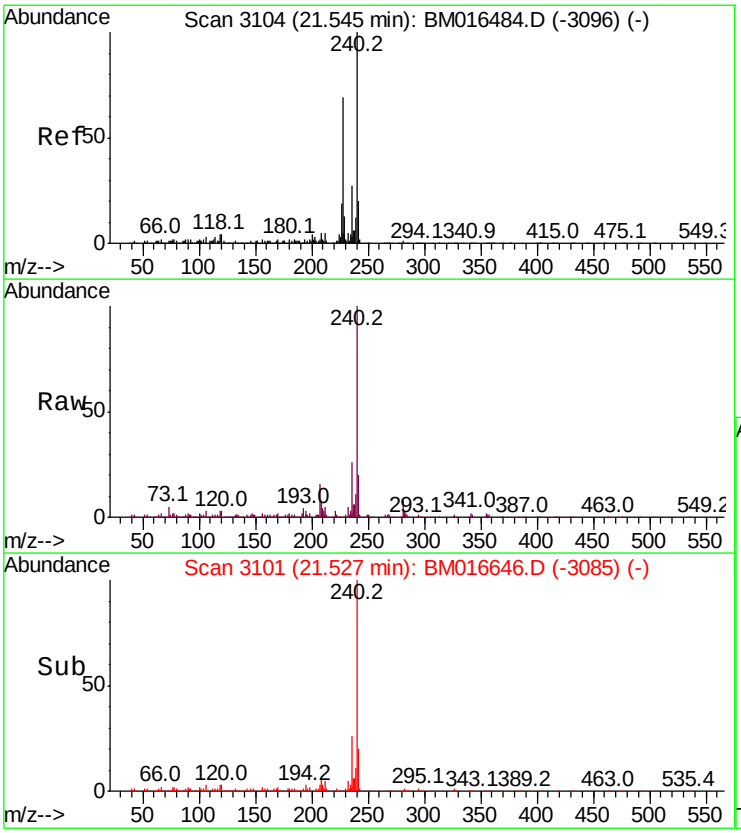
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2397
Delta R.T. -0.00 min
Lab File: BM016646.D
Acq: 04 Sep 2018 15:05

Instrument :
BNA_M
ClientSampleId :
PB112537BL

Tgt Ion:188 Resp: 376041

Ion	Ratio	Lower	Upper
188	100		
94	2.8	8.7	13.1#
80	4.4	9.3	13.9#

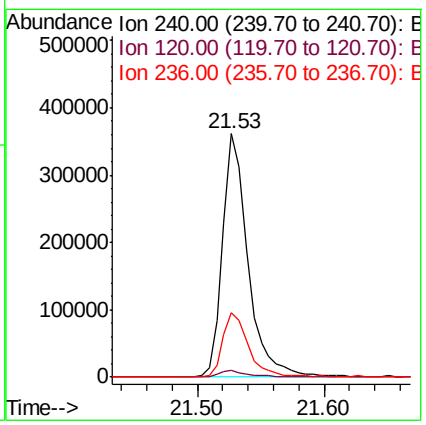


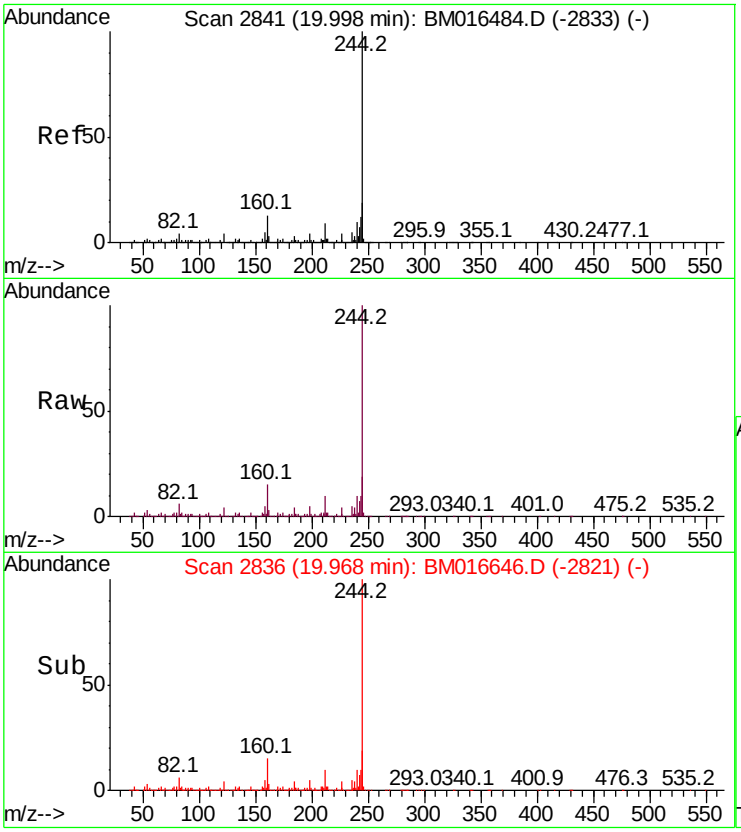


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.53 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM016646.D
Acq: 04 Sep 2018 15:05

Tgt Ion:240 Resp: 505803

Ion	Ratio	Lower	Upper
240	100		
120	2.9	8.2	12.2#
236	26.4	20.0	30.0



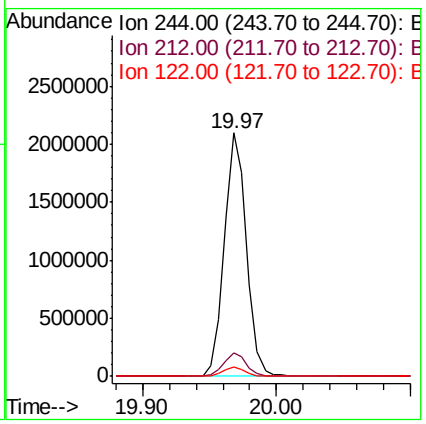


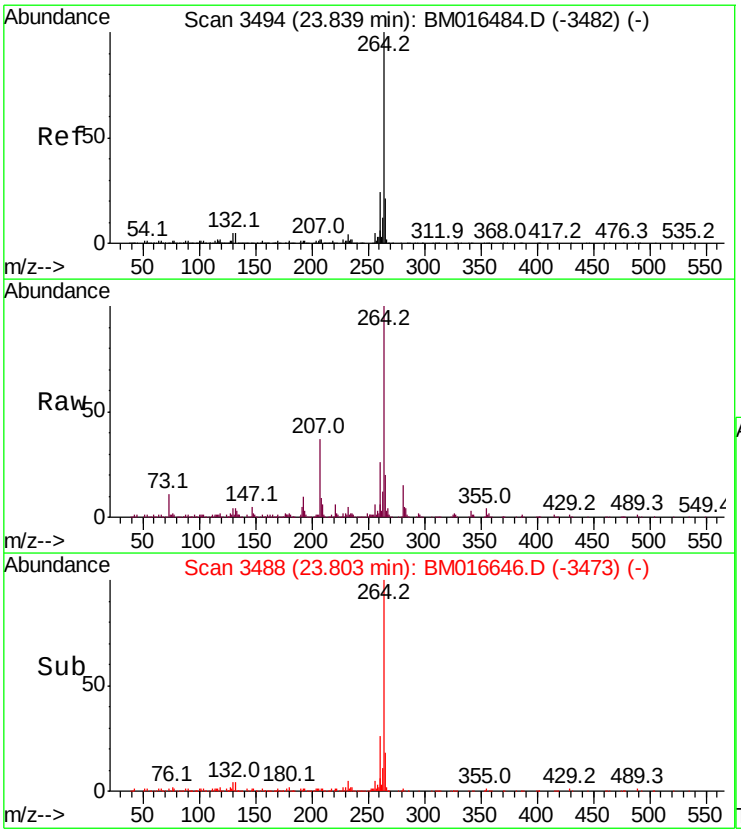
#78
Terphenyl-d14
Concen: 102.157 ng
RT: 19.97 min Scan# 2836
Delta R.T. -0.01 min
Lab File: BM016646.D
Acq: 04 Sep 2018 15:05

Instrument :
BNA_M
ClientSampleId :
PB112537BL

Tgt Ion:244 Resp: 2441288

Ion	Ratio	Lower	Upper
244	100		
212	9.6	4.9	7.3#
122	3.9	6.2	9.4#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.80 min Scan# 3488
Delta R.T. -0.01 min
Lab File: BM016646.D
Acq: 04 Sep 2018 15:05

Tgt Ion:264 Resp: 640761

Ion	Ratio	Lower	Upper
264	100		
260	26.1	18.6	27.8
265	19.8	17.3	25.9