Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111018\
Data File : BM017598.D
Acq On : 09 Nov 2018 19:12
Operator : MJ/SJ
Sample : J5269-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-13-D

Quant Time: Nov 12 01:19:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 15:08:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	279590	20.00	ng	-0.03
21) Naphthalene-d8	10.39	136	1105054	20.00	ng	-0.03
39) Acenaphthene-d10	14.26	164	644184	20.00	ng	-0.03
64) Phenanthrene-d10	17.02	188	1508034	20.00	ng	-0.03
76) Chrysene-d12	21.22	240	1728677	20.00	ng	-0.03
87) Perylene-d12	23.41	264	1650932	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	2634978	159.40	ng	-0.02
7) Phenol-d6	6.82	99	3661235	162.62	ng	-0.02
23) Nitrobenzene-d5	8.77	82	2255191	119.36	ng	-0.03
42) 2,4,6-Tribromophenol	15.77	330	1587096	182.18	ng	-0.02
45) 2-Fluorobiphenyl	12.88	172	4982072	102.90	ng	-0.02
79) Terphenyl-d14	19.66	244	7794908	101.64	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.83	94	213683	8.819	ng	89
50) Dimethylphthalate	13.73	163	304438	6.126	ng	99

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

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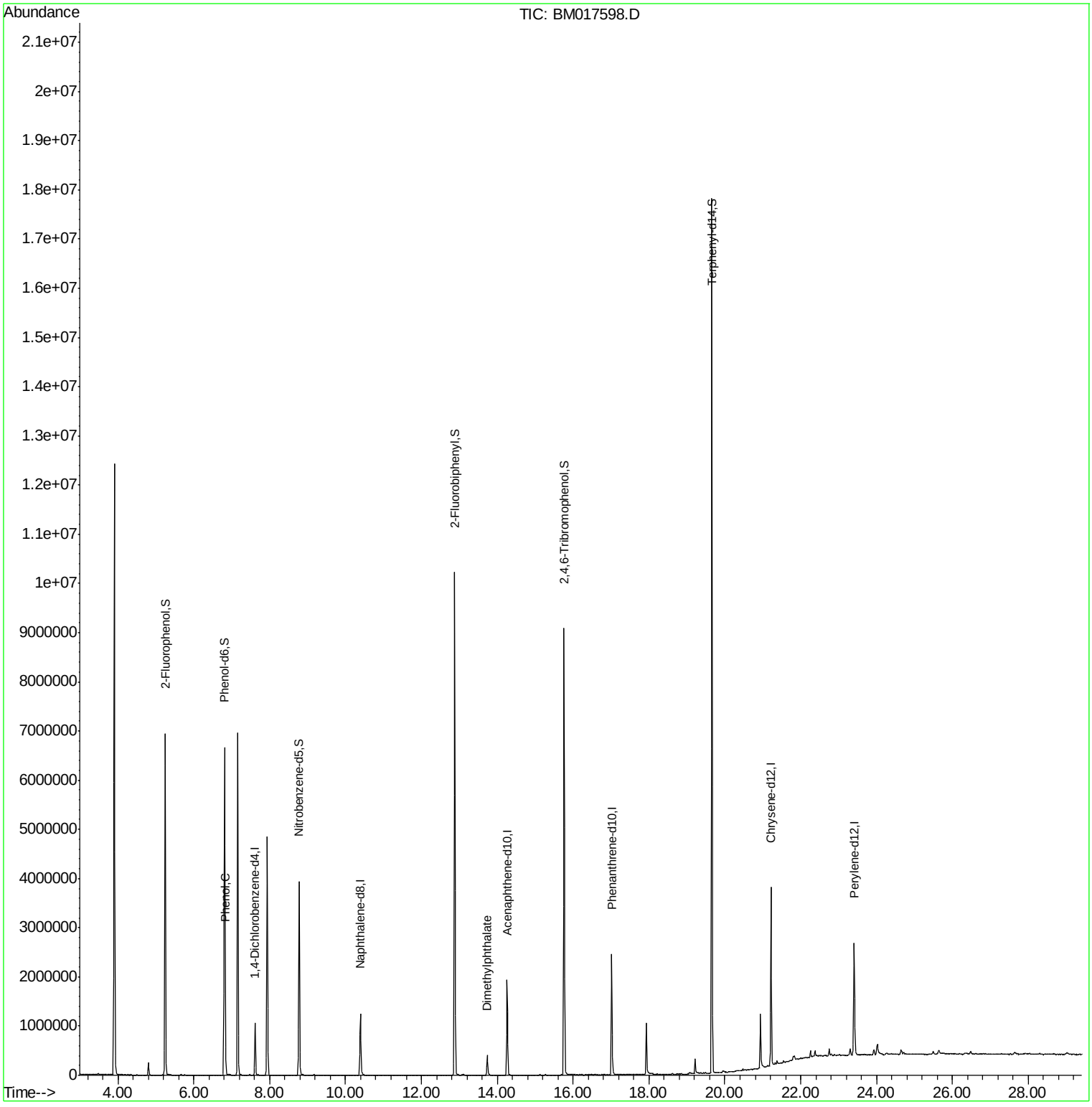
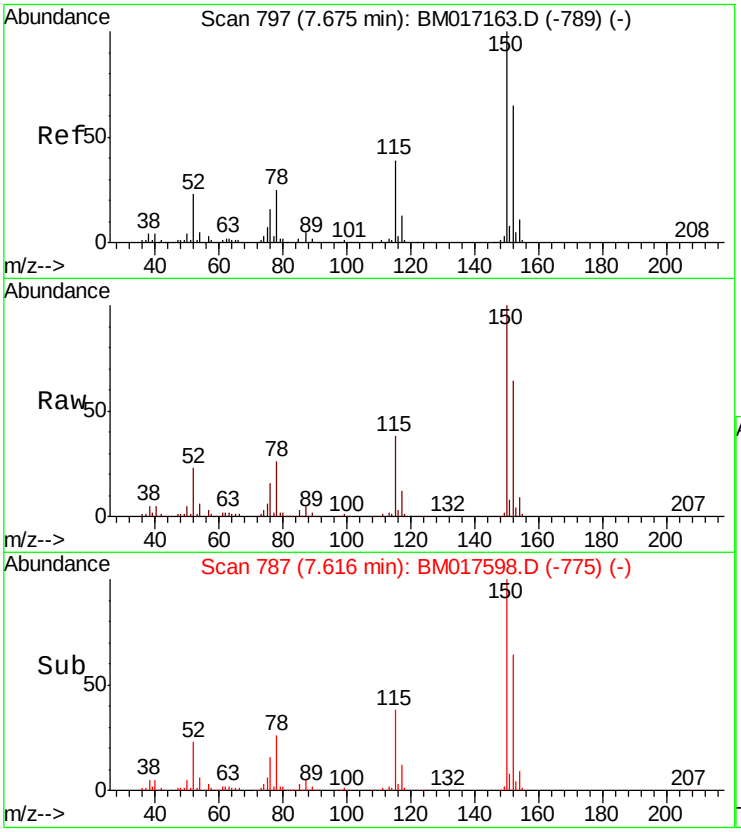


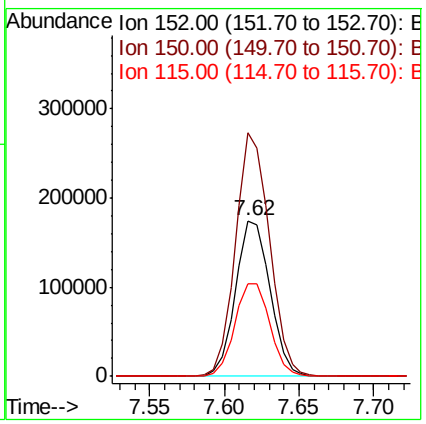


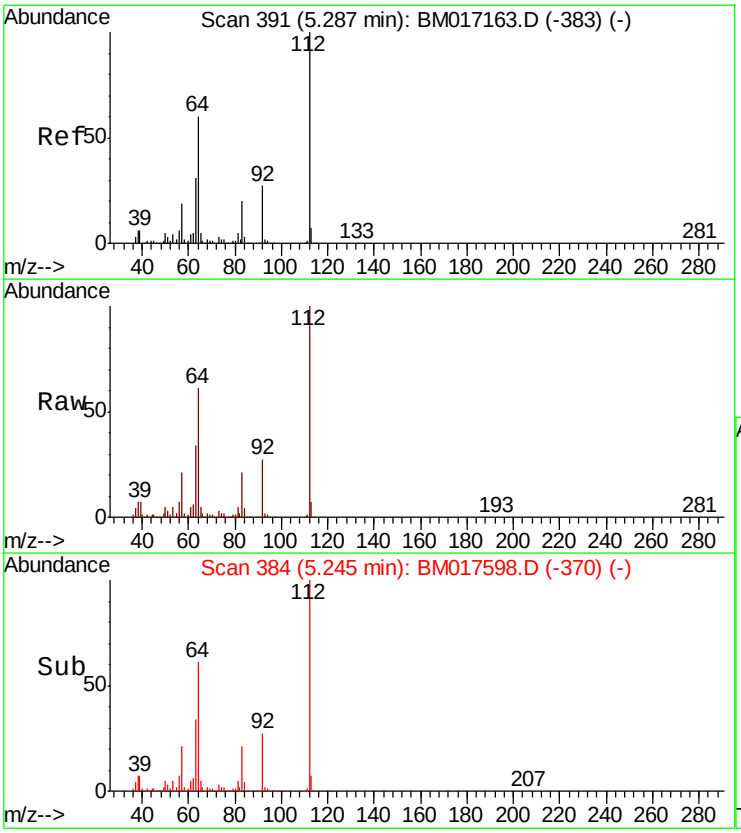
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.62 min Scan# 787
Delta R.T. -0.03 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Instrument :
BNA_M
ClientSampleId :
SB-13-D

Tgt Ion:152 Resp: 279590

Ion	Ratio	Lower	Upper
152	100		
150	156.8	124.3	186.5
115	59.4	48.1	72.1

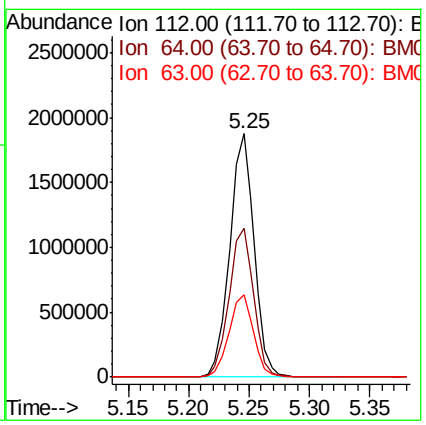


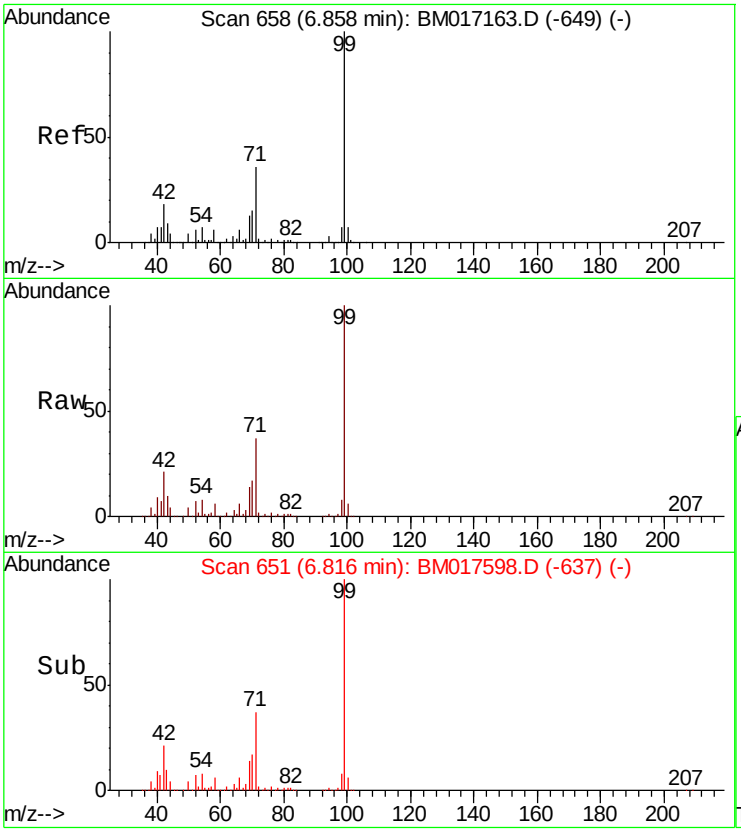


#5
2-Fluorophenol
Concen: 159.399 ng
RT: 5.25 min Scan# 384
Delta R.T. -0.02 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Tgt Ion:112 Resp: 2634978

Ion	Ratio	Lower	Upper
112	100		
64	61.2	41.7	62.5
63	34.0	23.0	34.4



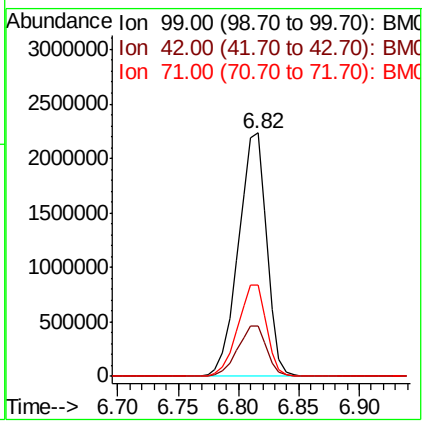


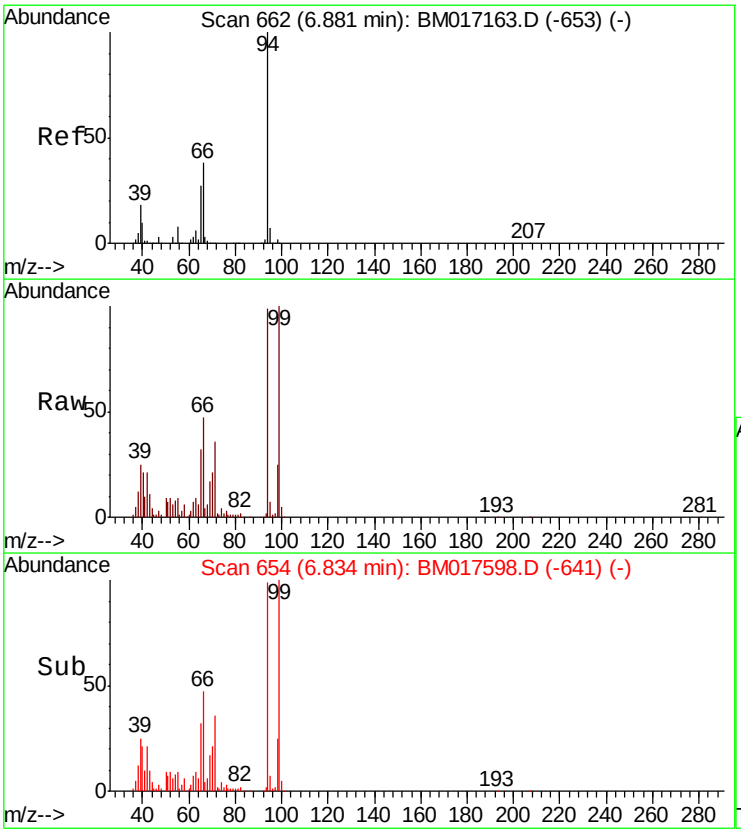
#7
Phenol-d6
Concen: 162.621 ng
RT: 6.82 min Scan# 651
Delta R.T. -0.02 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Instrument :
BNA_M
ClientSampleId :
SB-13-D

Tgt Ion: 99 Resp: 3661235

Ion	Ratio	Lower	Upper
99	100		
42	20.6	13.3	19.9#
71	37.4	28.0	42.0

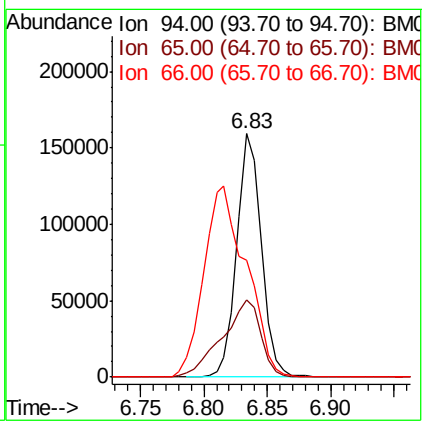


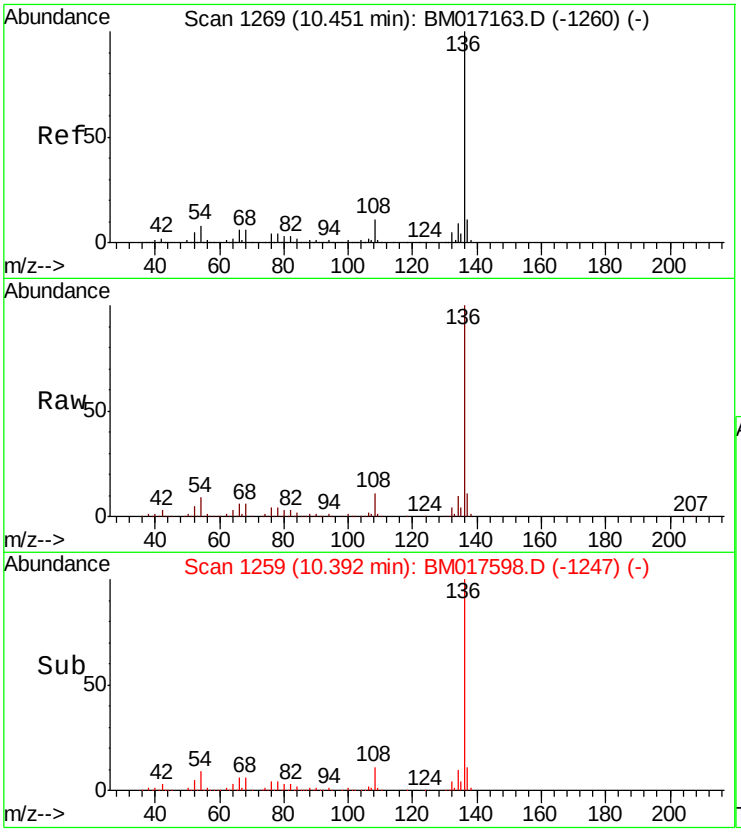


#10
Phenol
Concen: 8.819 ng
RT: 6.83 min Scan# 654
Delta R.T. -0.02 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Tgt Ion: 94 Resp: 213683

Ion	Ratio	Lower	Upper
94	100		
65	32.0	9.4	49.4
66	48.1	19.0	59.0



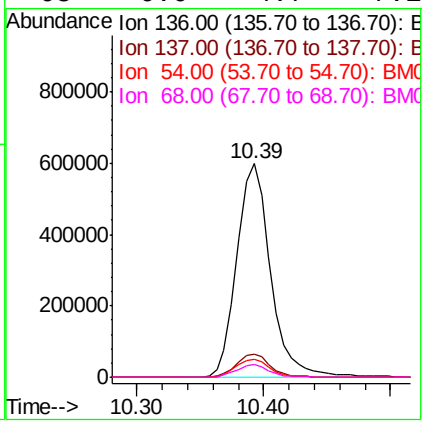


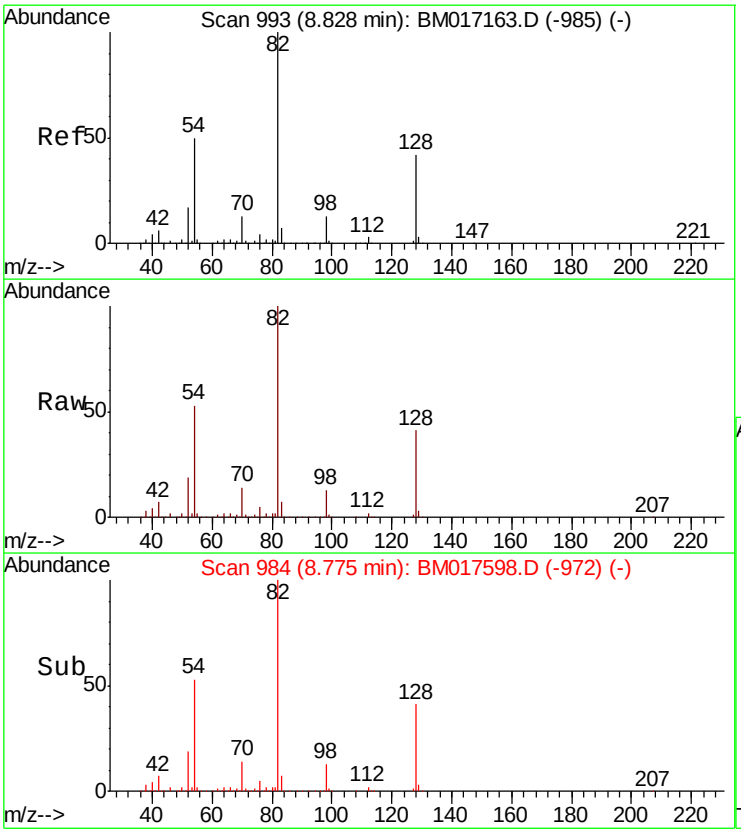
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1259
Delta R.T. -0.03 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Instrument :
BNA_M
ClientSampleId :
SB-13-D

Tgt Ion:136 Resp: 1105054

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.2	13.8
54	8.7	6.7	10.1
68	6.0	4.7	7.1

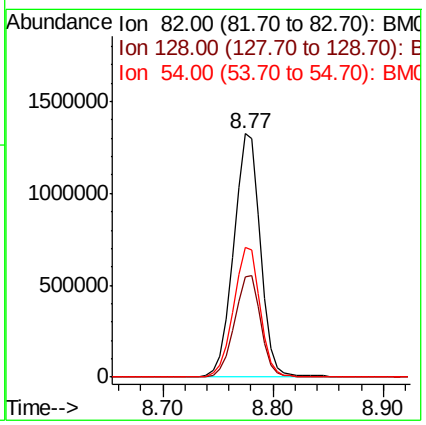


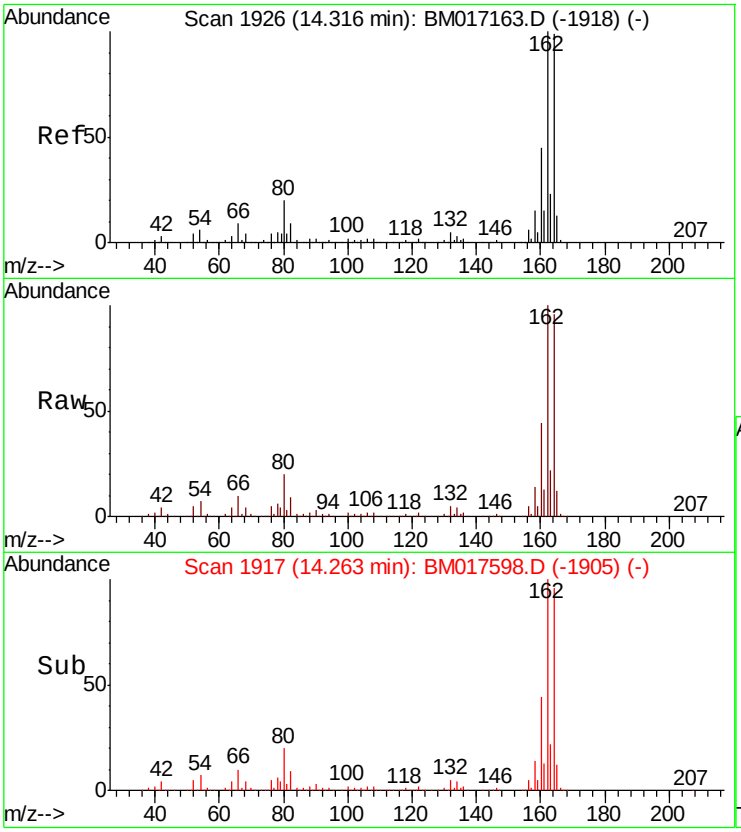


#23
Nitrobenzene-d5
Concen: 119.357 ng
RT: 8.77 min Scan# 984
Delta R.T. -0.03 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Tgt Ion: 82 Resp: 2255191

Ion	Ratio	Lower	Upper
82	100		
128	41.0	37.0	55.6
54	53.1	40.7	61.1



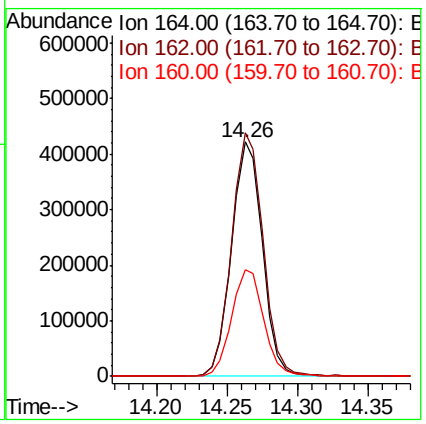


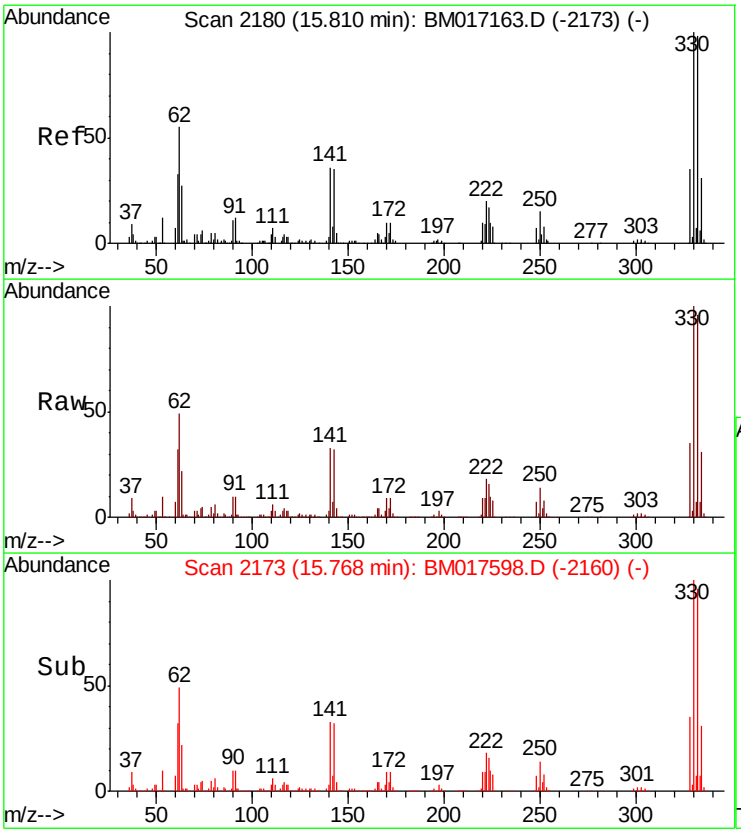
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.26 min Scan# 1917
Delta R.T. -0.03 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Instrument :
BNA_M
ClientSampleId :
SB-13-D

Tgt Ion:164 Resp: 644184

Ion	Ratio	Lower	Upper
164	100		
162	104.0	82.1	123.1
160	45.5	40.2	60.2

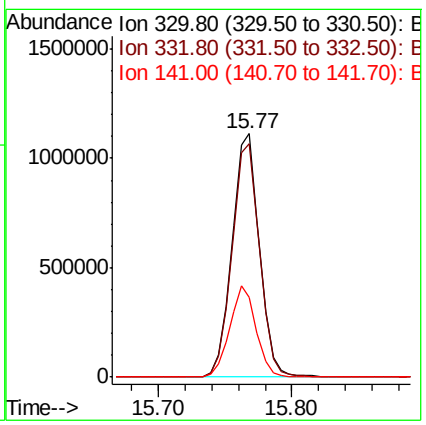


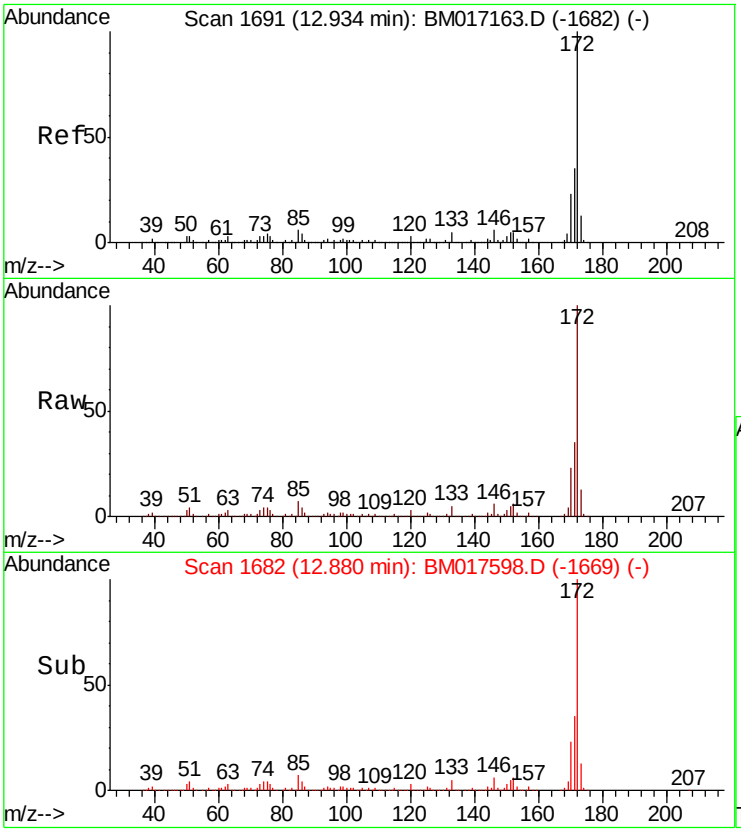


#42
2,4,6-Tribromophenol
Concen: 182.181 ng
RT: 15.77 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Tgt Ion:330 Resp: 1587096

Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.3	115.9
141	36.4	27.4	41.0



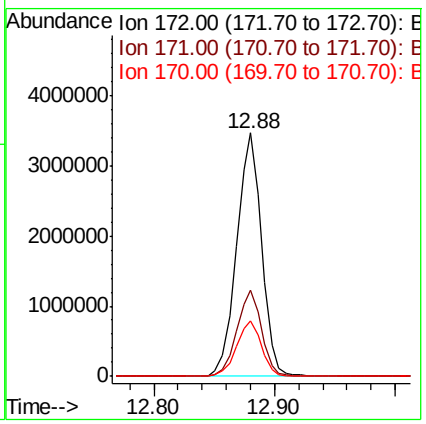


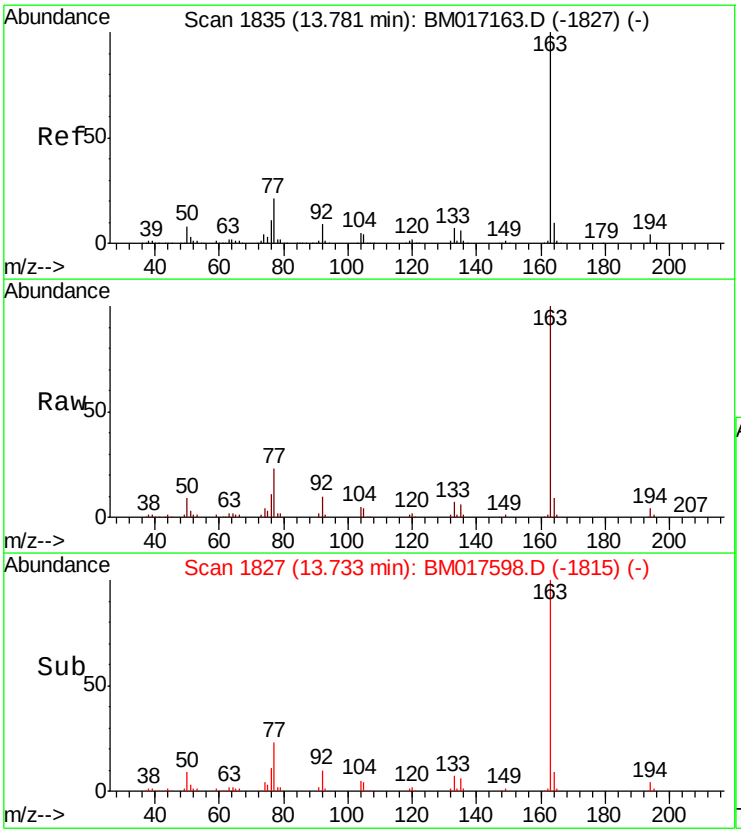
#45
2-Fluorobiphenyl
Concen: 102.903 ng
RT: 12.88 min Scan# 1682
Delta R.T. -0.02 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Instrument :
BNA_M
ClientSampleId :
SB-13-D

Tgt Ion:172 Resp: 4982072

Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.3	42.5
170	22.7	18.3	27.5

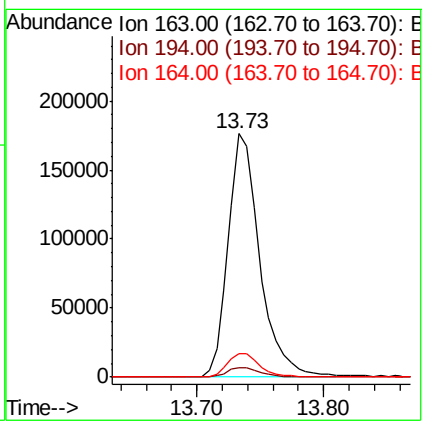


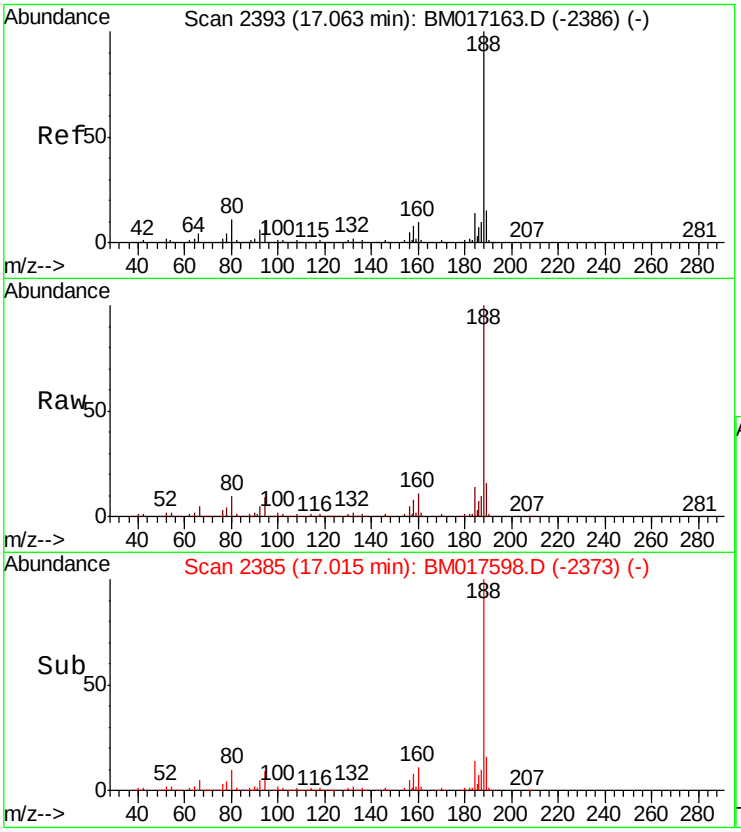


#50
Dimethylphthalate
Concen: 6.126 ng
RT: 13.73 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Tgt Ion:163 Resp: 304438

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	9.5	7.8	11.8



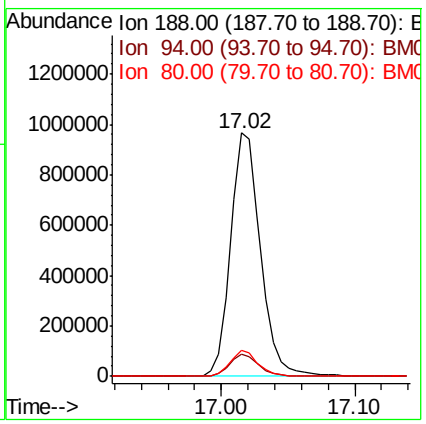


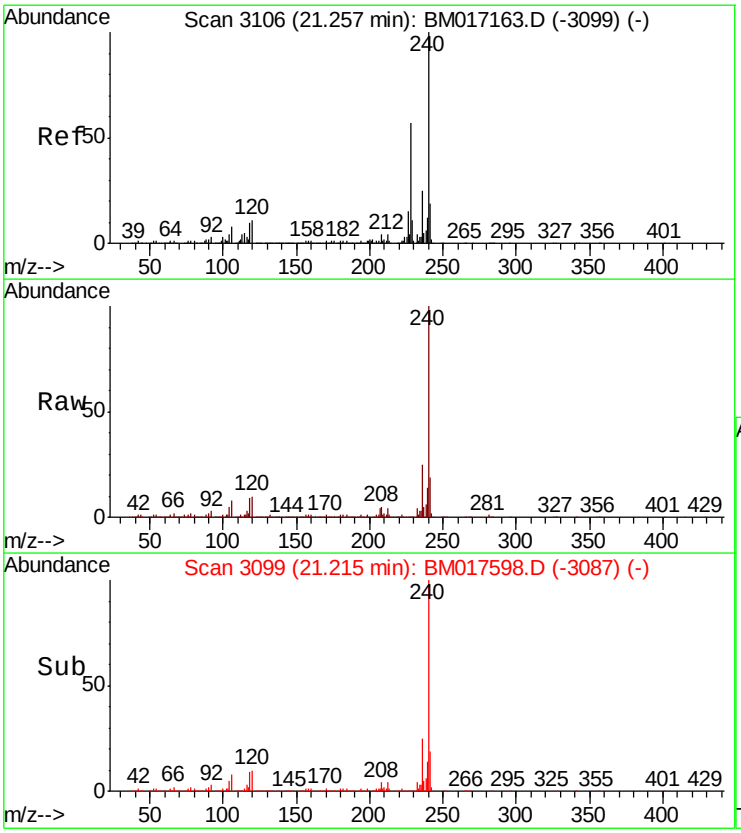
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.02 min Scan# 2385
Delta R.T. -0.03 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Instrument :
BNA_M
ClientSampleId :
SB-13-D

Tgt Ion:188 Resp: 1508034

Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.0	10.4
80	10.4	7.7	11.5

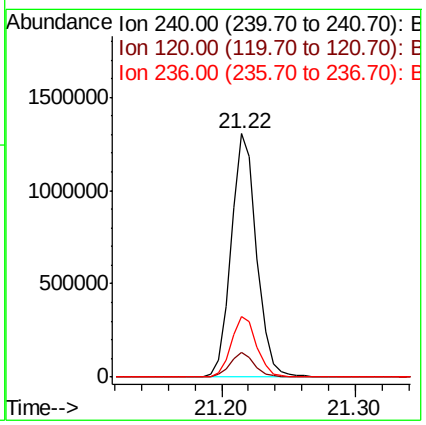


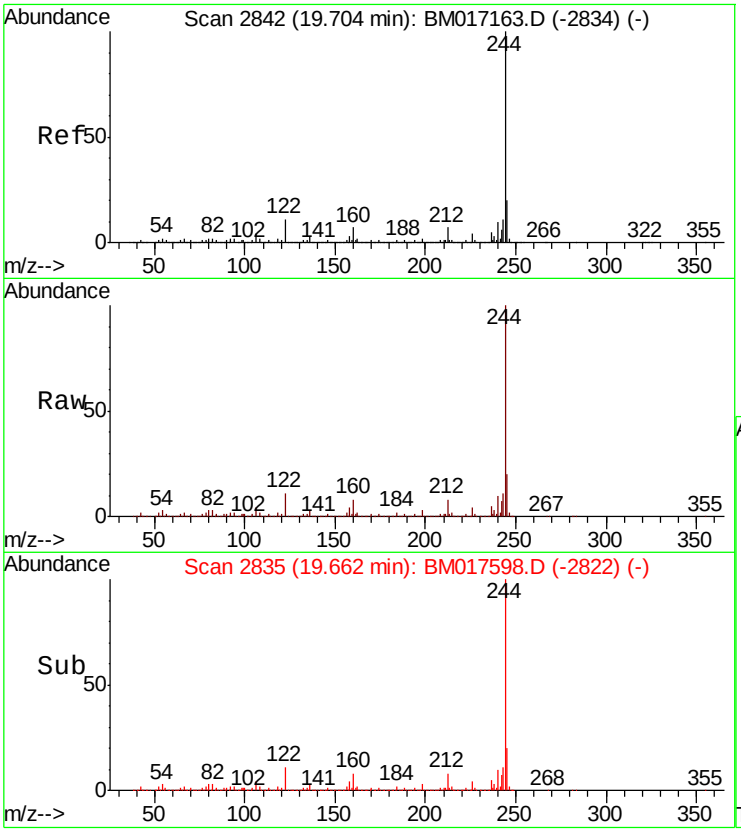


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.22 min Scan# 3099
Delta R.T. -0.03 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Tgt Ion:240 Resp: 1728677

Ion	Ratio	Lower	Upper
240	100		
120	10.1	8.1	12.1
236	25.0	19.9	29.9



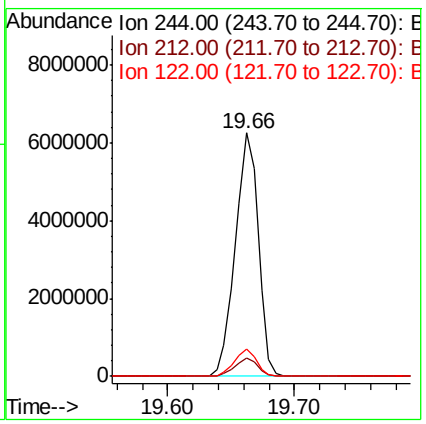


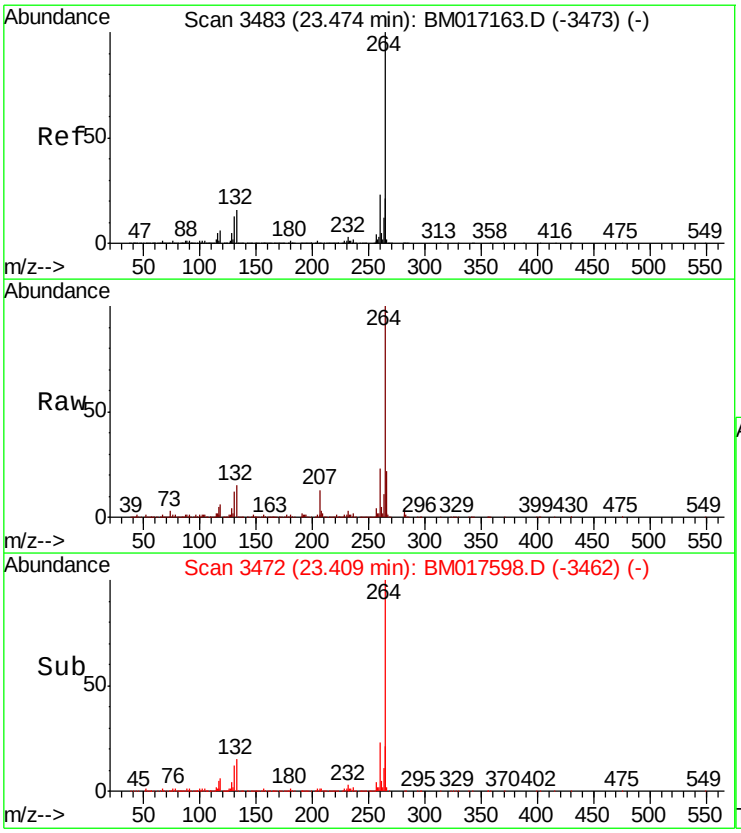
#79
Terphenyl-d14
Concen: 101.637 ng
RT: 19.66 min Scan# 2835
Delta R.T. -0.02 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Instrument :
BNA_M
ClientSampleId :
SB-13-D

Tgt Ion:244 Resp: 7794908

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.5	8.3
122	11.1	8.4	12.6





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.41 min Scan# 3472
Delta R.T. -0.04 min
Lab File: BM017598.D
Acq: 09 Nov 2018 19:12

Tgt Ion:264 Resp: 1650932

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	27.8
265	21.8	17.8	26.8