Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011019\
Data File : BM018524.D
Acq On : 11 Jan 2019 00:29
Operator : JU/SJ
Sample : K1099-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-17-14

Quant Time: Jan 11 04:02:49 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	634247	20.00	ng	0.00
21) Naphthalene-d8	10.55	136	2682001	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	1584017	20.00	ng	0.00
64) Phenanthrene-d10	17.16	188	3569057	20.00	ng	0.00
76) Chrysene-d12	21.35	240	3472188	20.00	ng	0.00
87) Perylene-d12	23.63	264	2968763	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	5205606	151.55	ng	0.00
7) Phenol-d6	6.94	99	7033024	161.21	ng	0.00
23) Nitrobenzene-d5	8.93	82	4313366	93.23	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	3193101	158.32	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	9811400	80.82	ng	0.00
79) Terphenyl-d14	19.79	244	12450188	75.59	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.96	94	116651	2.631	ng	84
50) Dimethylphthalate	13.86	163	2992990	23.007	ng	99

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

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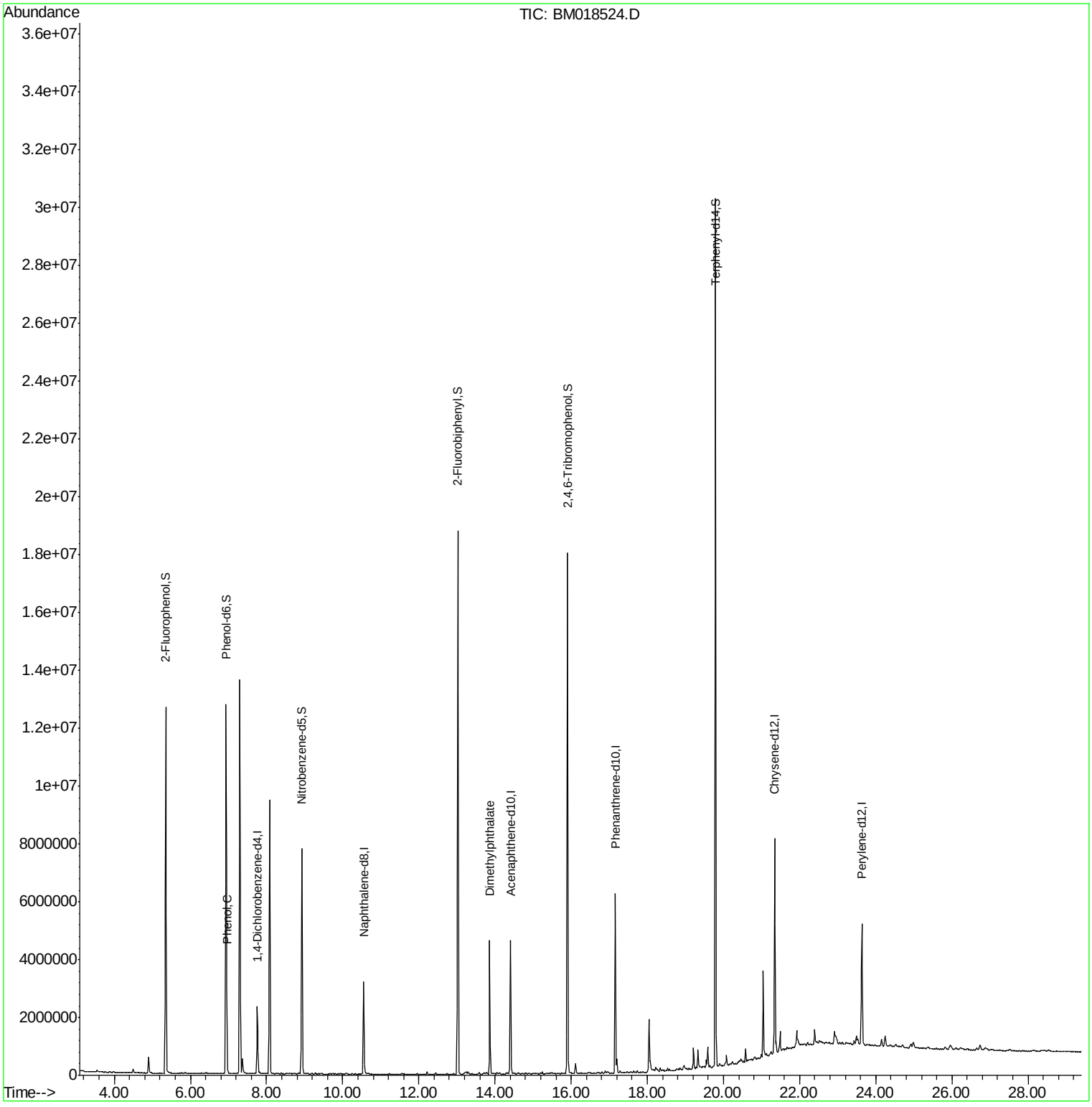
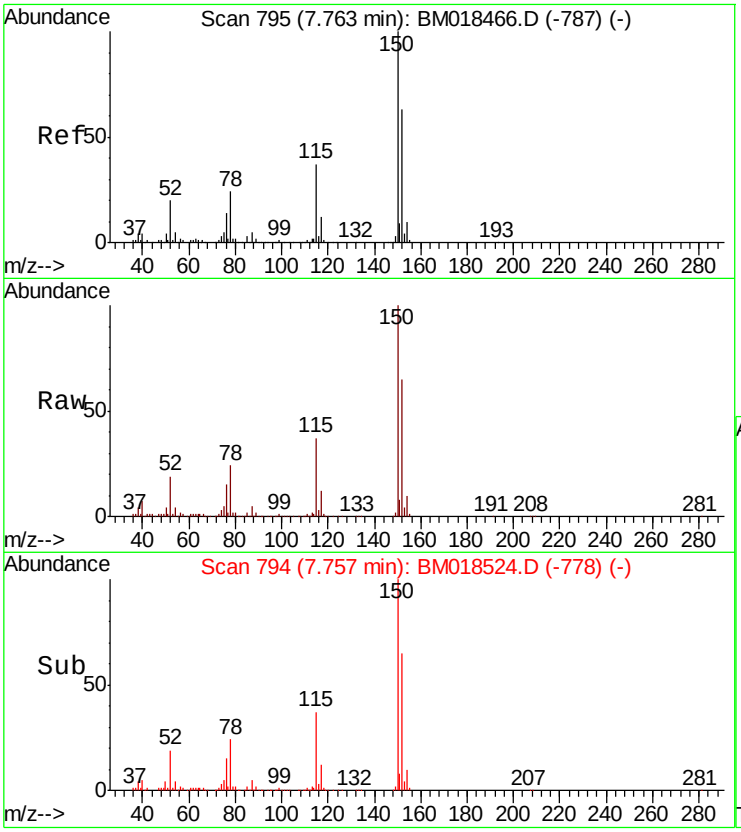


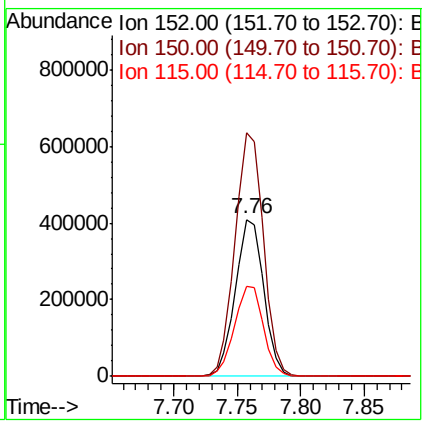


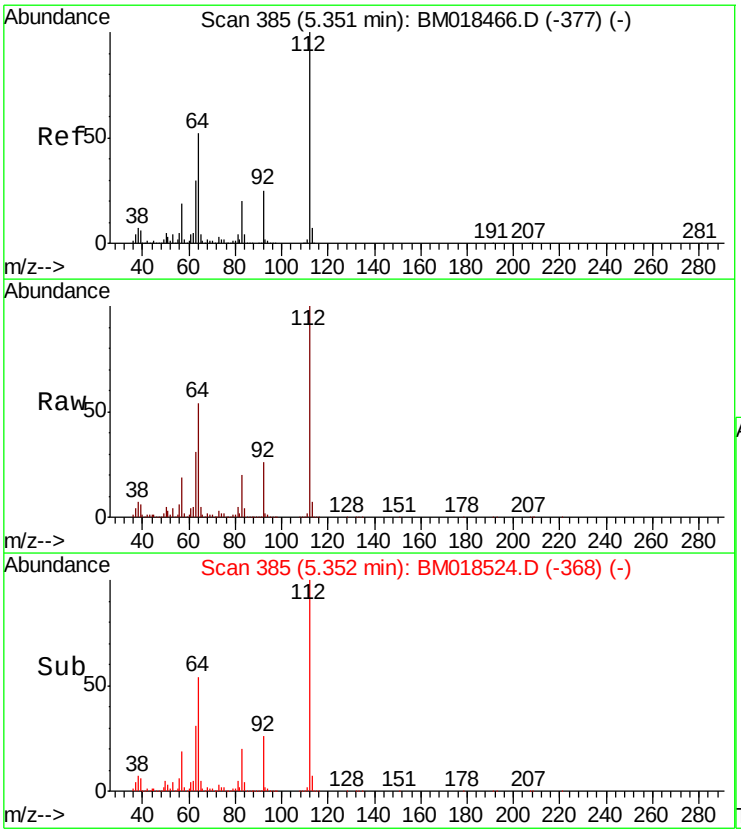
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 794
Delta R.T. -0.01 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Instrument :
BNA_M
ClientSampleId :
TP-17-14

Tgt Ion:152 Resp: 634247

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.9	190.3
115	57.7	45.5	68.3

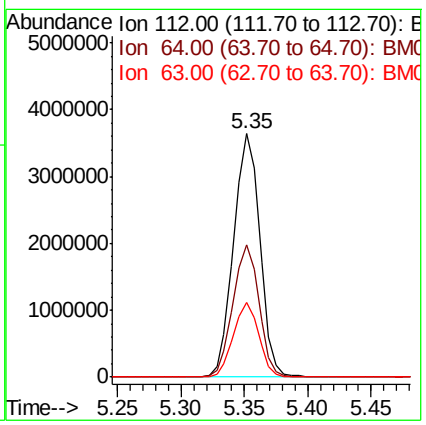


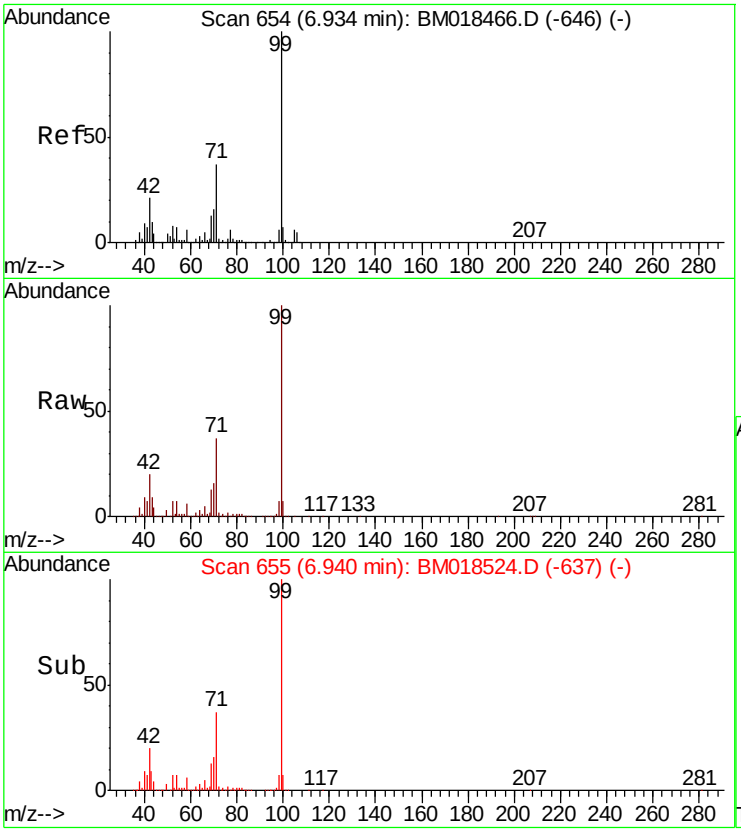


#5
2-Fluorophenol
Concen: 151.552 ng
RT: 5.35 min Scan# 385
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion:112 Resp: 5205606

Ion	Ratio	Lower	Upper
112	100		
64	54.4	46.5	69.7
63	30.5	25.2	37.8



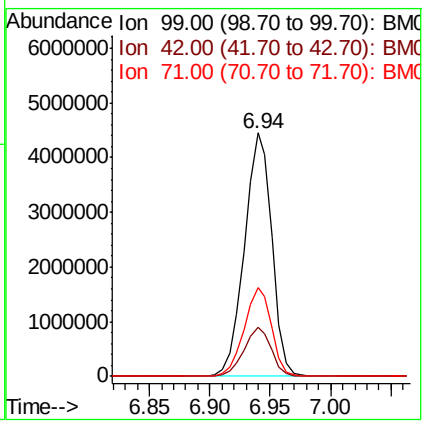


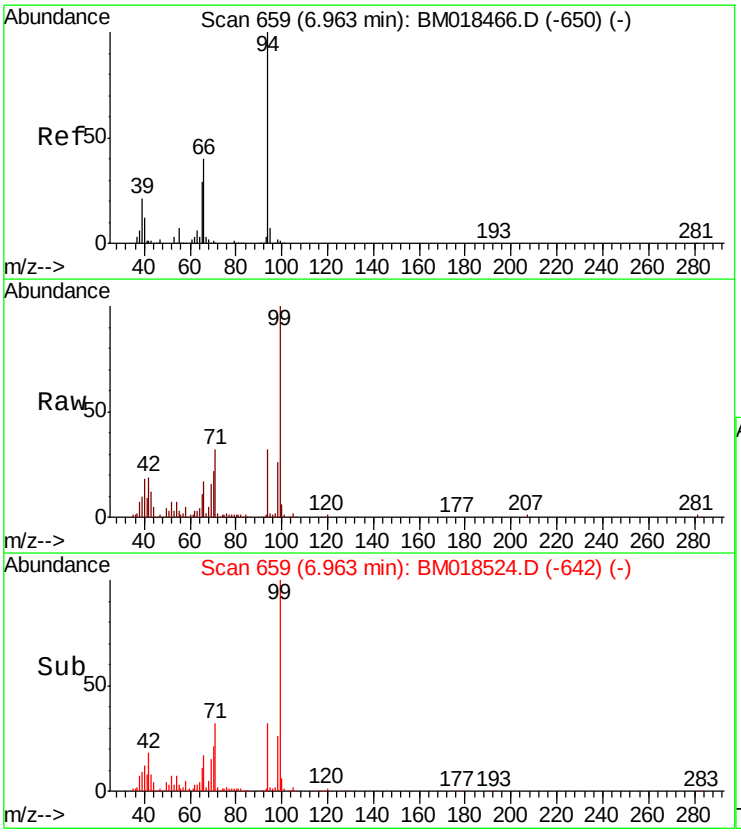
#7
Phenol-d6
Concen: 161.208 ng
RT: 6.94 min Scan# 655
Delta R.T. 0.01 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Instrument :
BNA_M
ClientSampleId :
TP-17-14

Tgt Ion: 99 Resp: 7033024

Ion	Ratio	Lower	Upper
99	100		
42	19.9	17.3	25.9
71	36.6	28.0	42.0

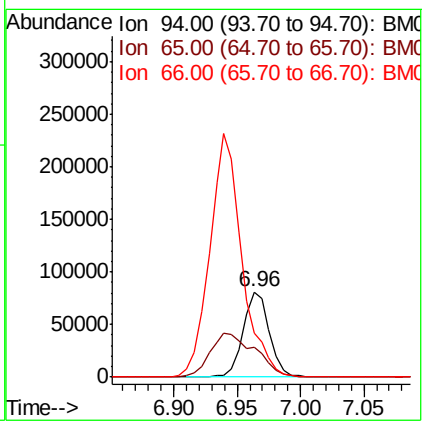


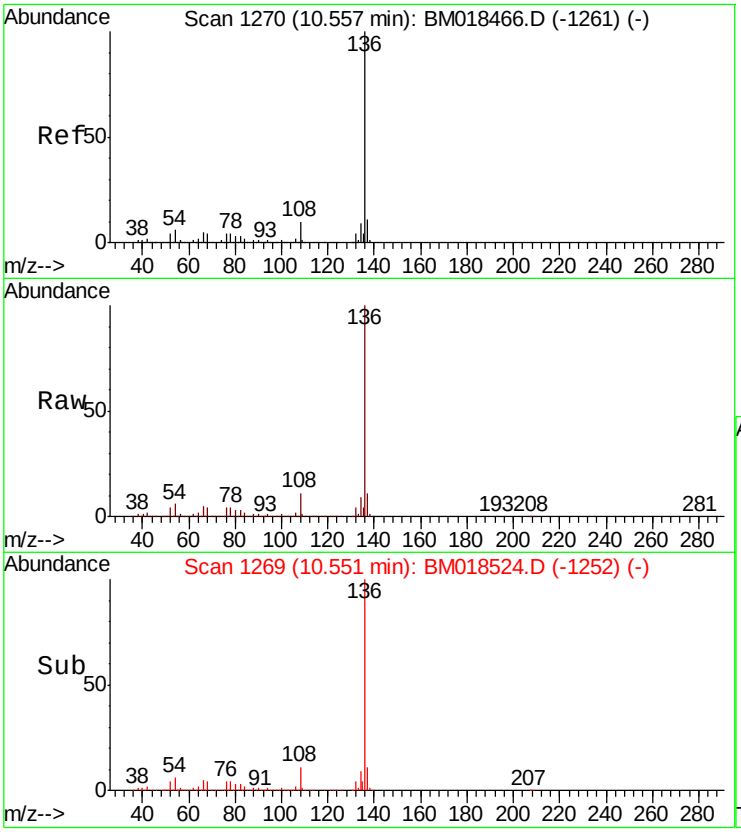


#10
Phenol
Concen: 2.631 ng
RT: 6.96 min Scan# 659
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion: 94 Resp: 116651

Ion	Ratio	Lower	Upper
94	100		
65	34.5	9.4	49.4
66	52.2	19.1	59.1



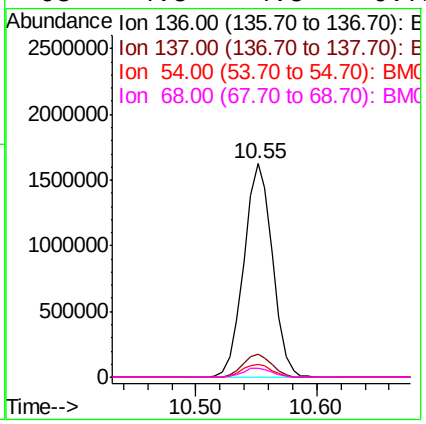


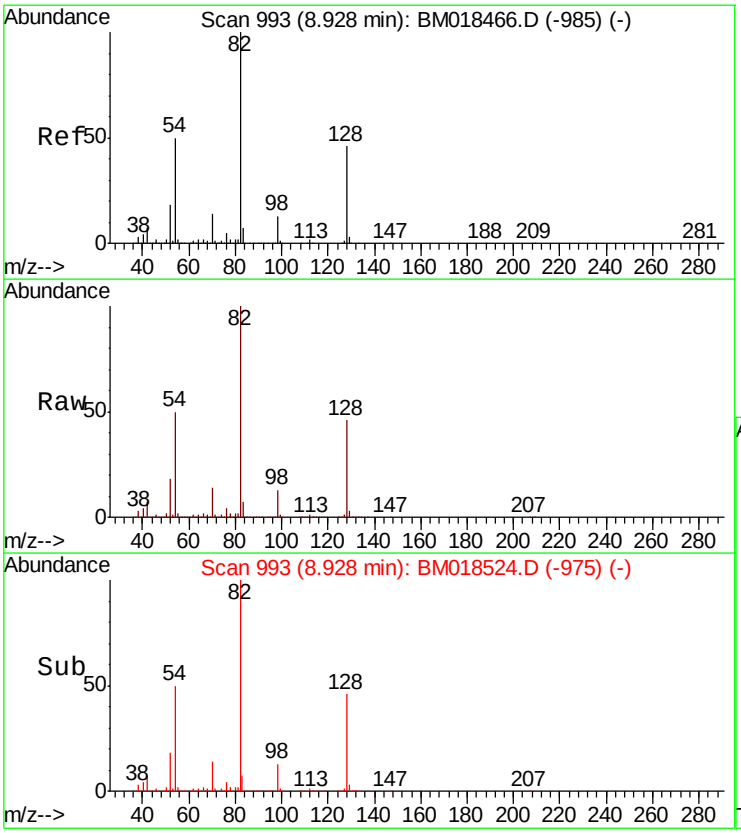
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1269
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Instrument :
BNA_M
ClientSampleId :
TP-17-14

Tgt Ion:136 Resp: 2682001

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.5	12.7
54	6.2	6.0	9.0
68	4.5	4.5	6.7#

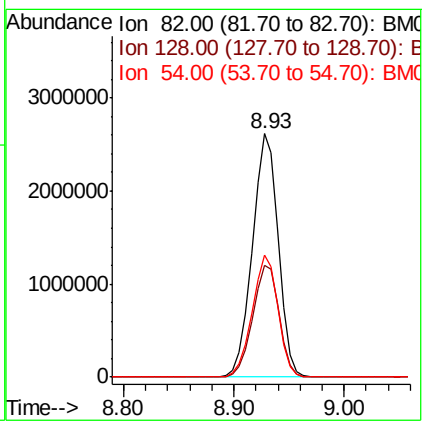


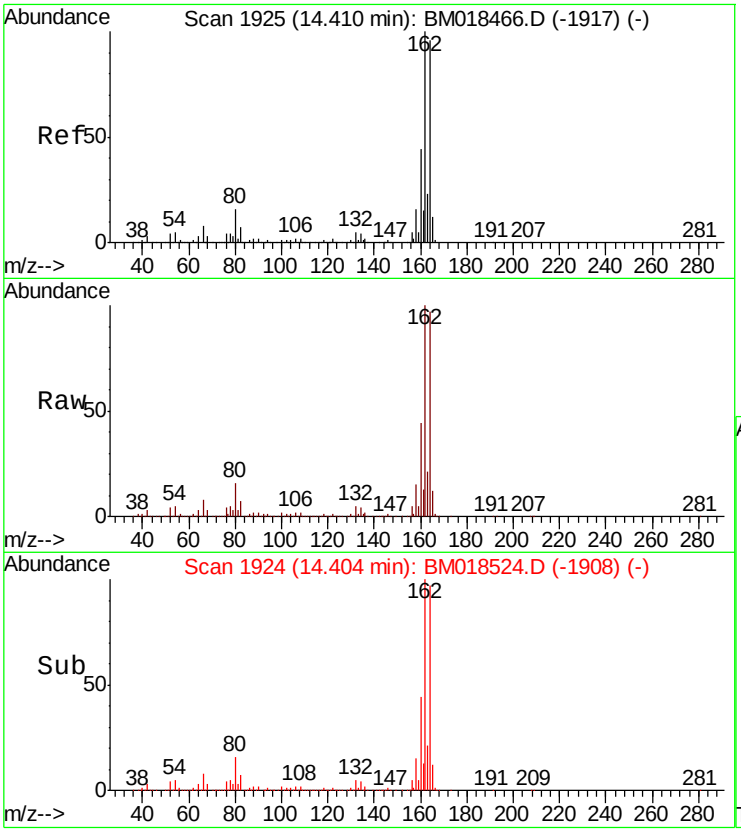


#23
Nitrobenzene-d5
Concen: 93.233 ng
RT: 8.93 min Scan# 993
Delta R.T. 0.01 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion: 82 Resp: 4313366

Ion	Ratio	Lower	Upper
82	100		
128	46.1	36.3	54.5
54	50.0	41.7	62.5



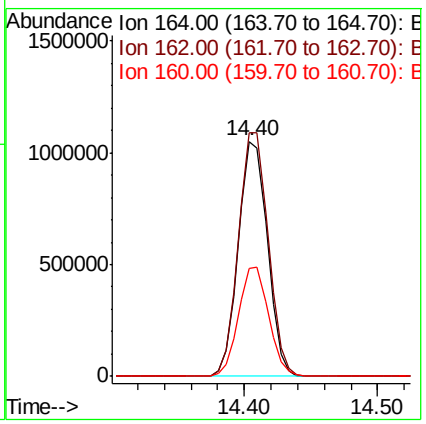


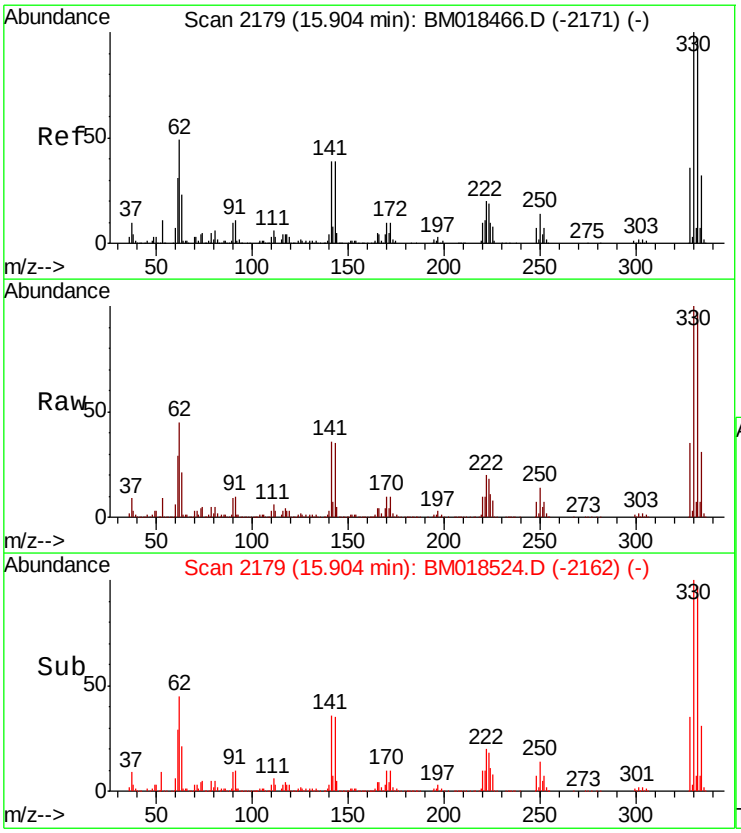
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1924
Delta R.T. -0.01 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Instrument :
BNA_M
ClientSampleId :
TP-17-14

Tgt Ion:164 Resp: 1584017

Ion	Ratio	Lower	Upper
164	100		
162	103.6	83.0	124.4
160	46.0	37.1	55.7

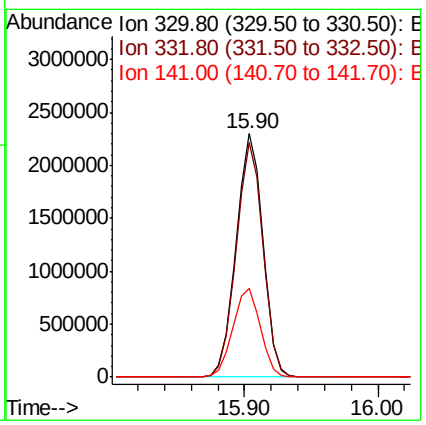


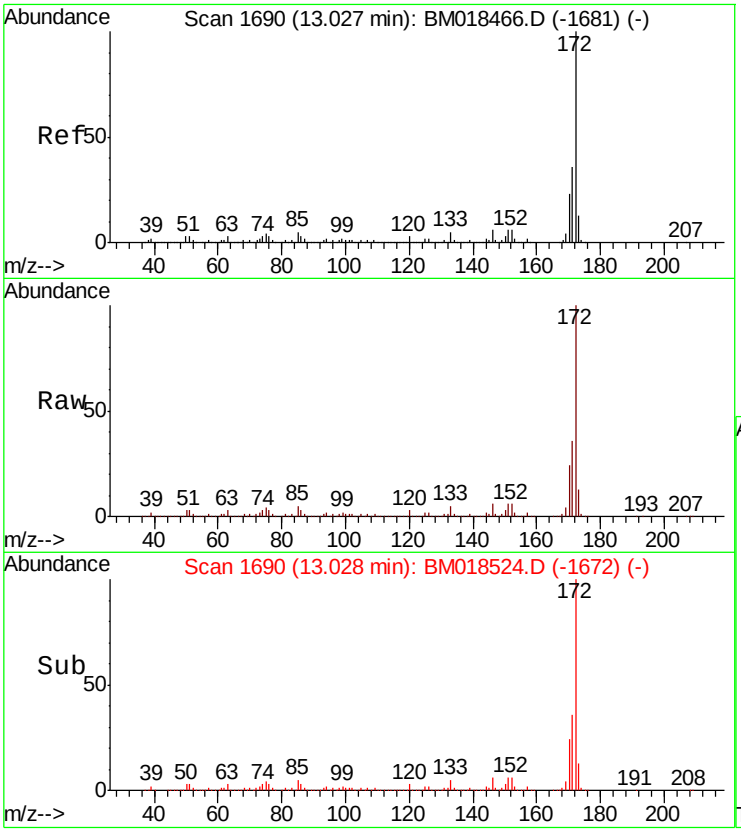


#42
2,4,6-Tribromophenol
Concen: 158.317 ng
RT: 15.90 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion:330 Resp: 3193101

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	37.7	31.7	47.5



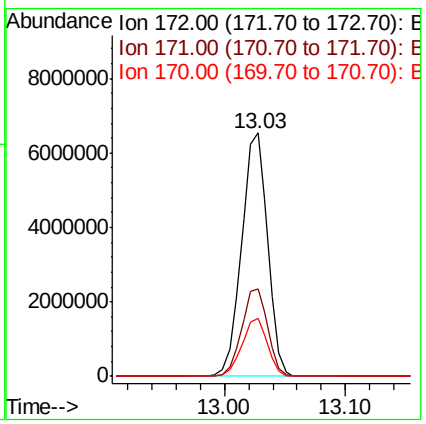


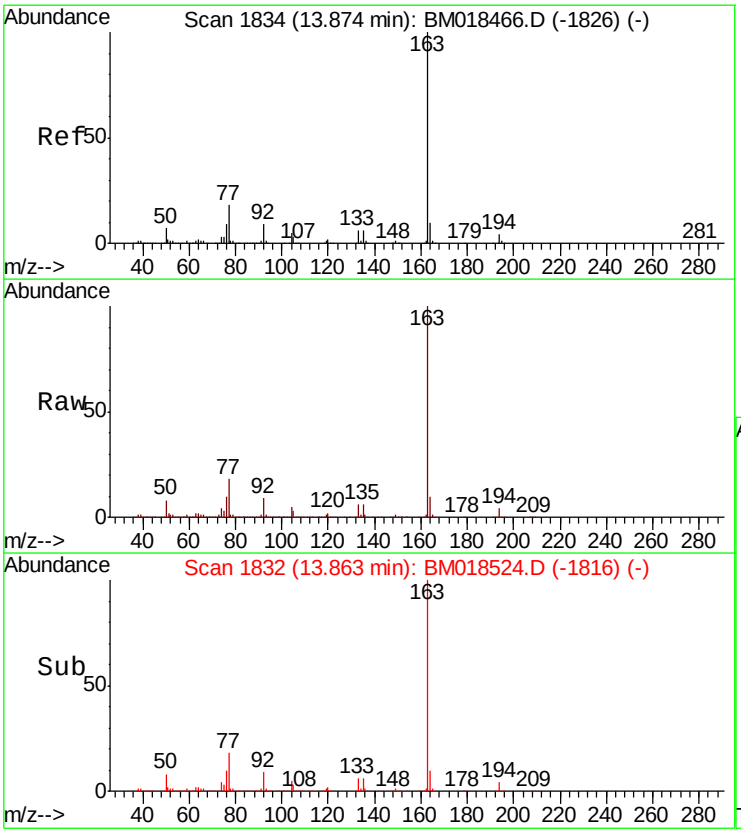
#45
2-Fluorobiphenyl
Concen: 80.823 ng
RT: 13.03 min Scan# 1690
Delta R.T. 0.01 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Instrument :
BNA_M
ClientSampleId :
TP-17-14

Tgt Ion:172 Resp: 9811400

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.2	42.4
170	23.8	18.9	28.3

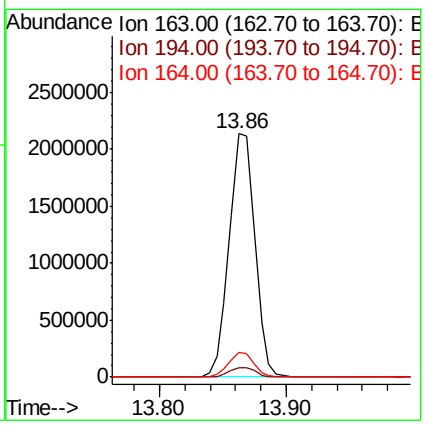


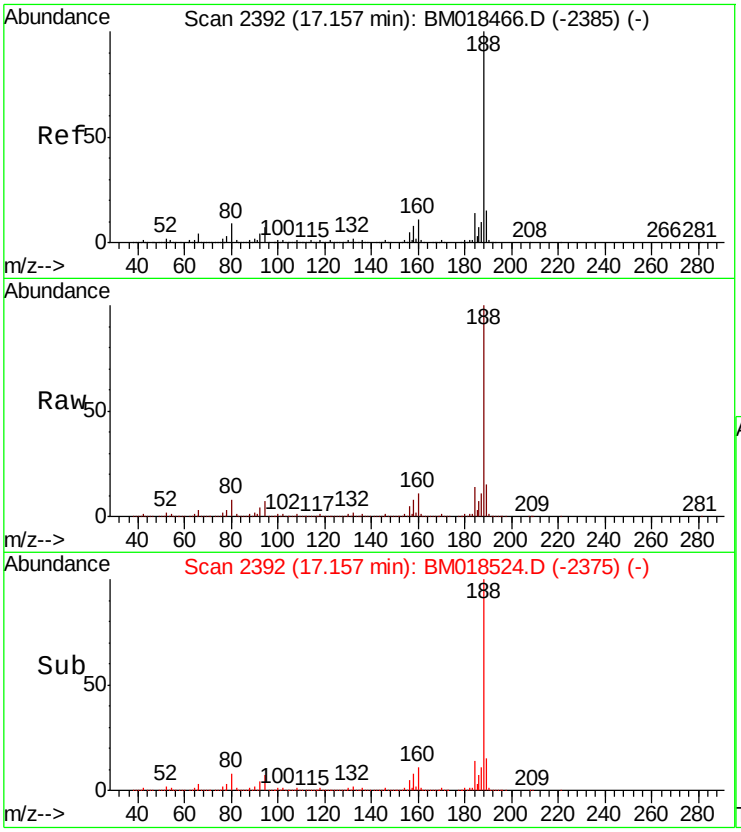


#50
Dimethylphthalate
Concen: 23.007 ng
RT: 13.86 min Scan# 1832
Delta R.T. -0.01 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion:163 Resp: 2992990

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.0	4.6
164	10.2	7.8	11.8



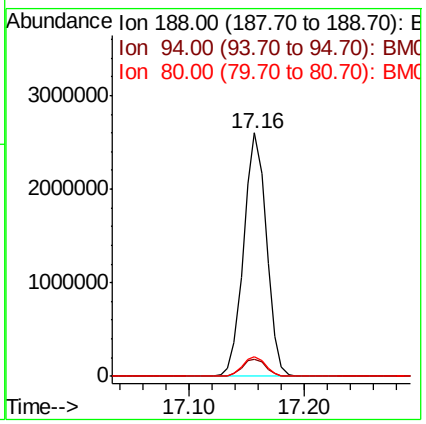


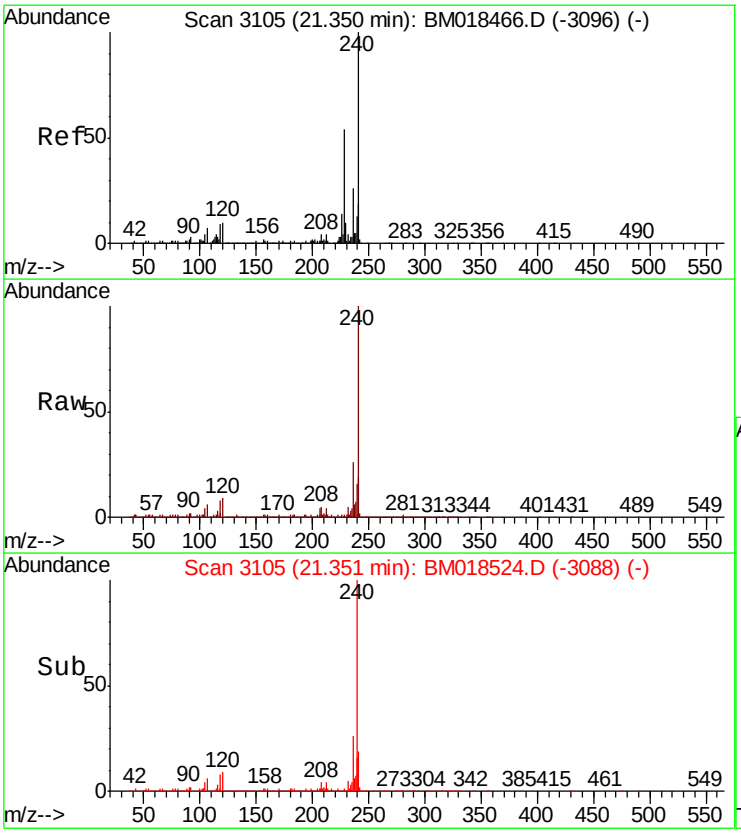
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Instrument :
BNA_M
ClientSampleId :
TP-17-14

Tgt Ion:188 Resp: 3569057

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.1	10.7
80	8.2	7.6	11.4

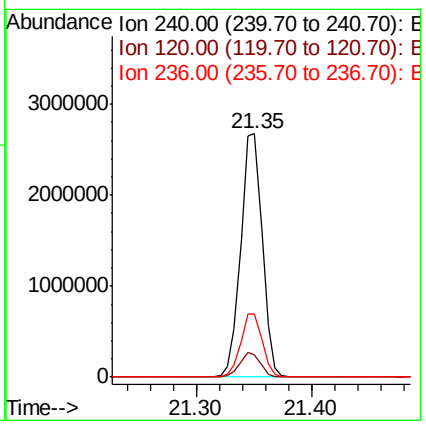


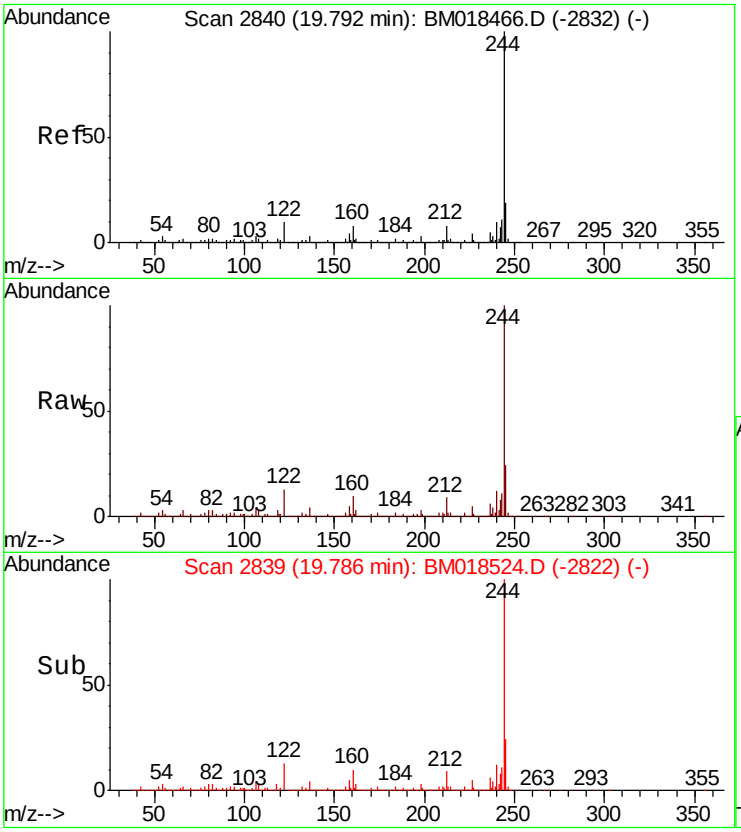


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3105
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion:240 Resp: 3472188

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.4	12.6
236	26.1	20.7	31.1



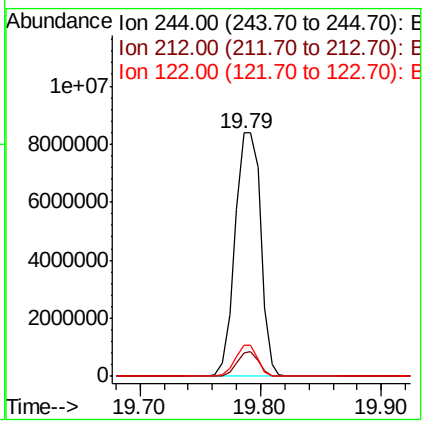


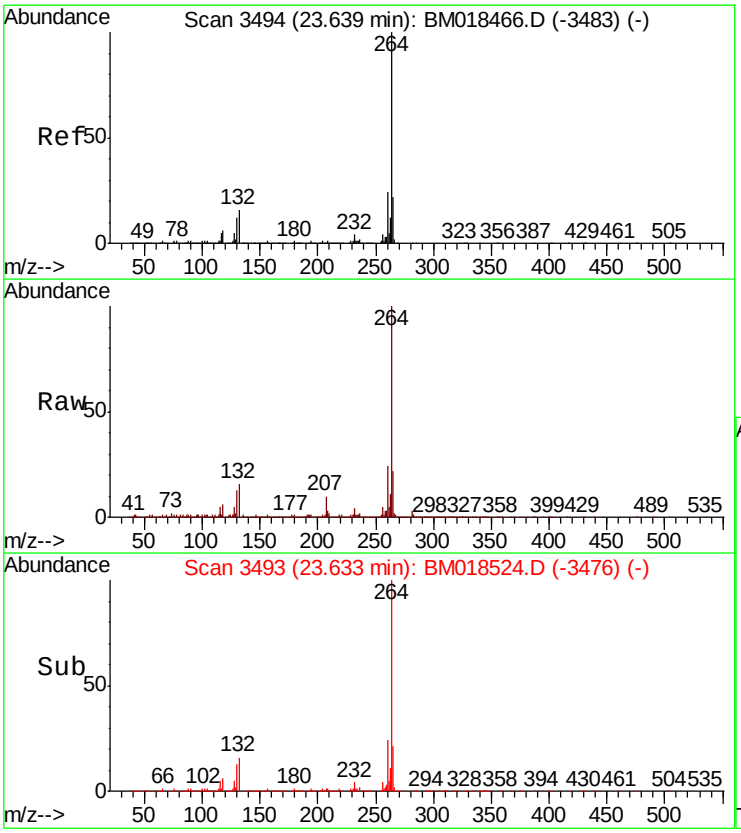
#79
Terphenyl-d14
Concen: 75.588 ng
RT: 19.79 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Instrument :
BNA_M
ClientSampleId :
TP-17-14

Tgt Ion:244 Resp:12450188

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.9	8.9#
122	13.0	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM018524.D
Acq: 11 Jan 2019 00:29

Tgt Ion:264 Resp: 2968763

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.9	28.3
265	21.6	16.8	25.2