Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018591.D
Acq On : 16 Jan 2019 19:50
Operator : JU/SJ
Sample : K1147-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-6

Quant Time: Jan 17 01:28:14 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	7.75	152	341574	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	1409195	20.00	ng	-0.01
39) Acenaphthene-d10	14.39	164	844572	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	1902365	20.00	ng	-0.01
76) Chrysene-d12	21.34	240	1685213	20.00	ng	-0.01
87) Perylene-d12	23.62	264	1338446	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	2595033	140.28	ng	-0.01
7) Phenol-d6	6.93	99	3444099	146.59	ng	0.00
23) Nitrobenzene-d5	8.92	82	2106434	86.65	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1624317	151.05	ng	-0.01
45) 2-Fluorobiphenyl	13.01	172	5596159	86.46	ng	-0.01
79) Terphenyl-d14	19.78	244	8279110	103.56	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.95	94	67707	2.836	ng	84
50) Dimethylphthalate	13.85	163	1327478	19.138	ng	99

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

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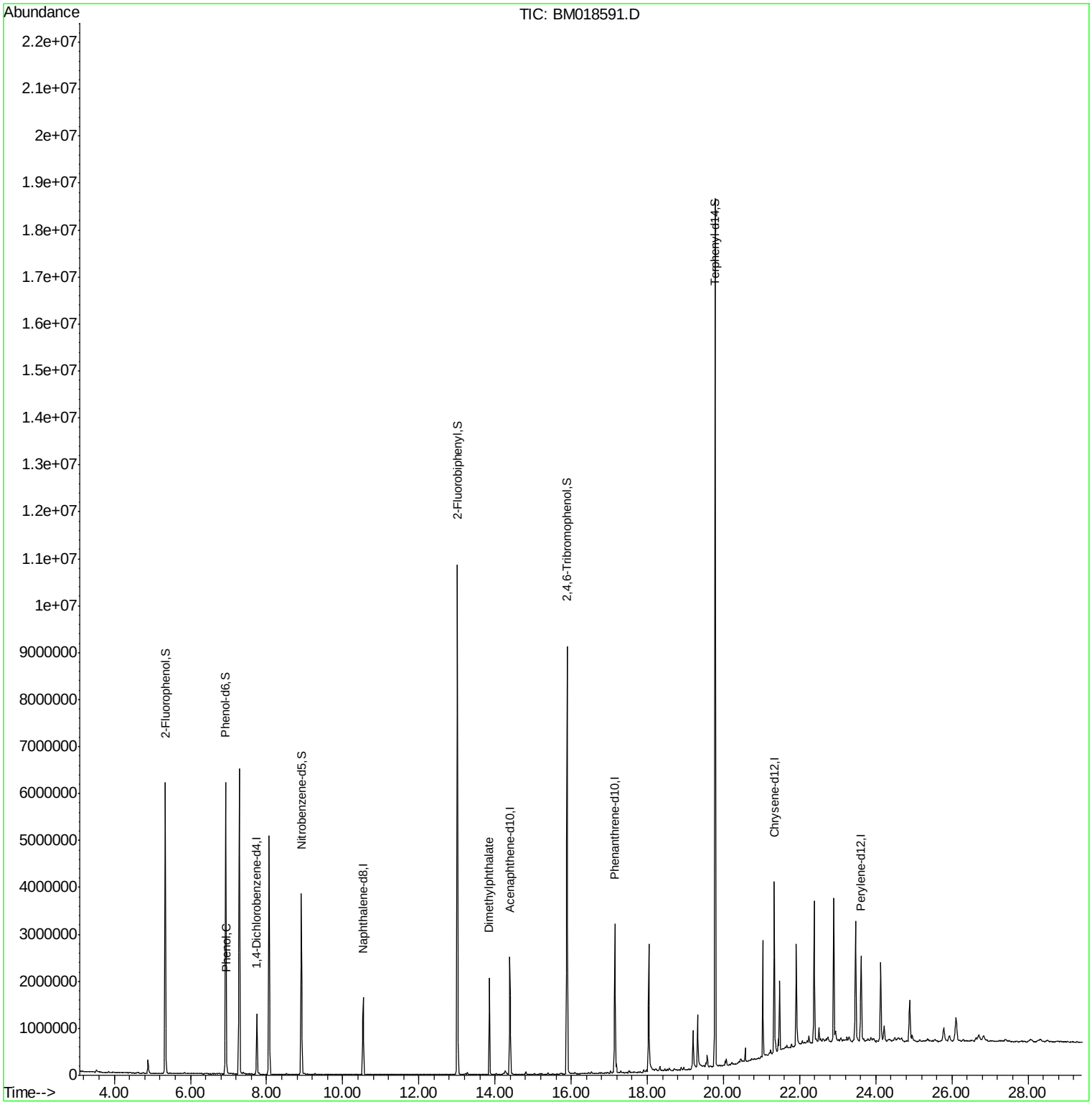
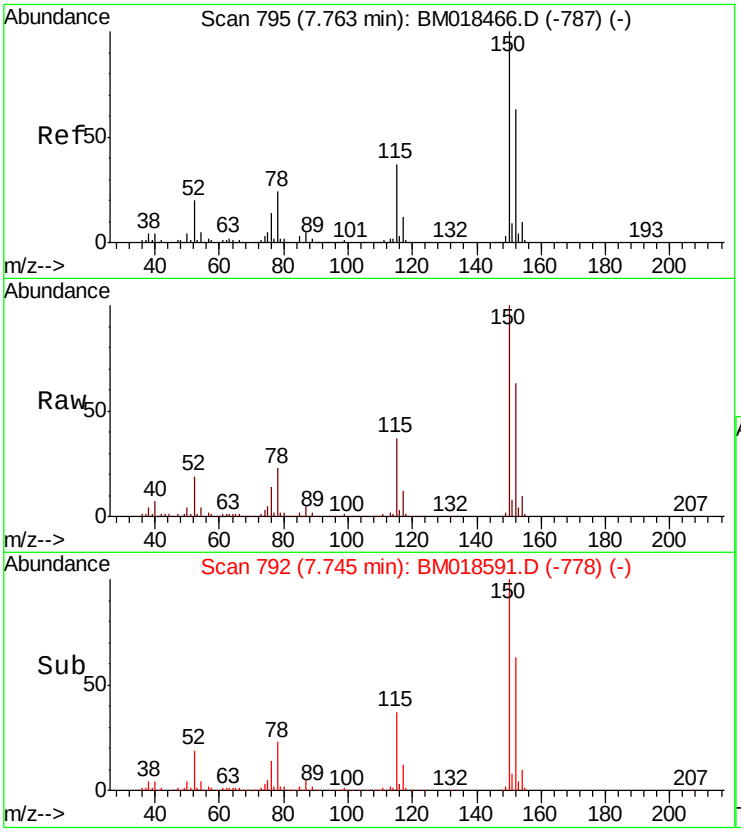


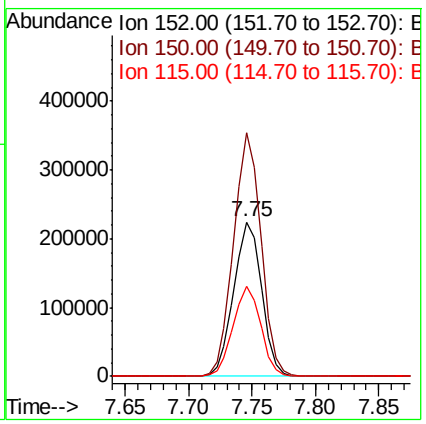


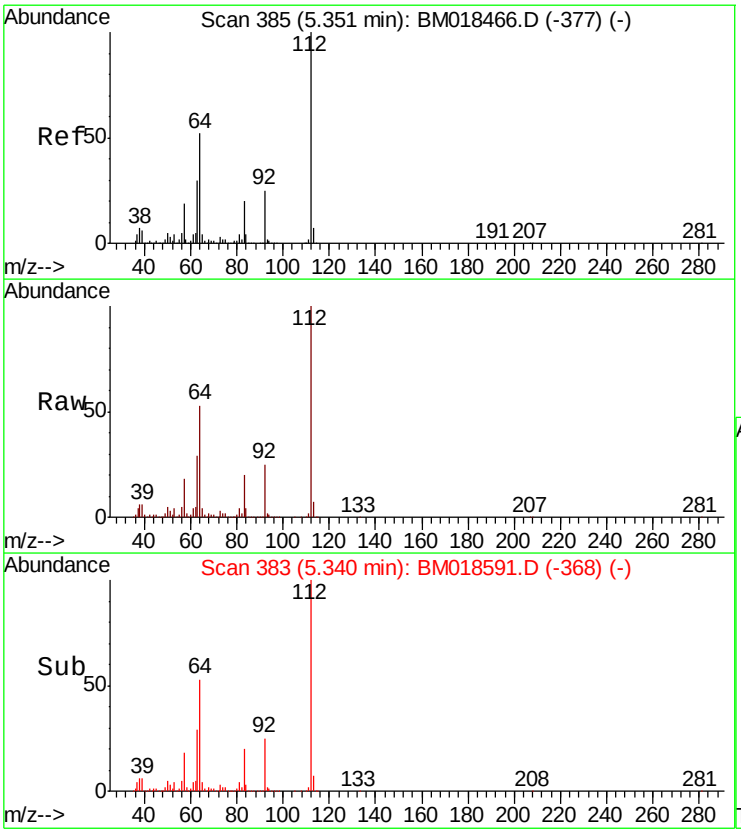
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion:152 Resp: 341574

Ion	Ratio	Lower	Upper
152	100		
150	158.0	126.9	190.3
115	58.4	45.5	68.3

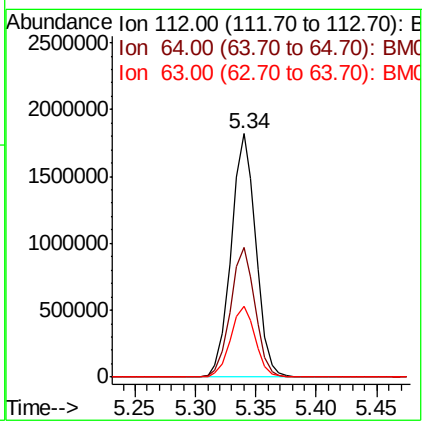


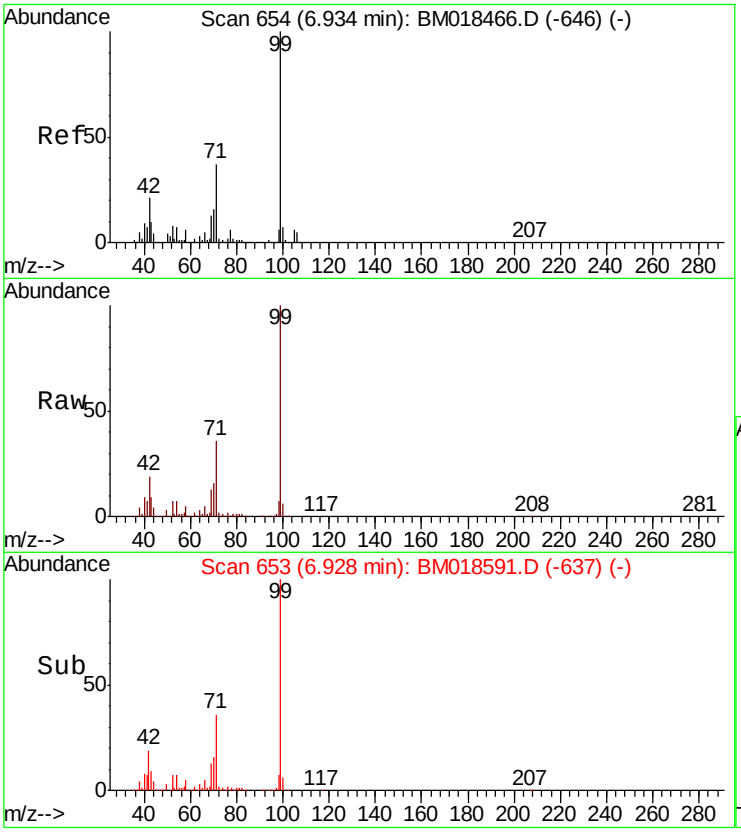


#5
2-Fluorophenol
Concen: 140.283 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Tgt Ion:112 Resp: 2595033

Ion	Ratio	Lower	Upper
112	100		
64	53.1	46.5	69.7
63	29.3	25.2	37.8



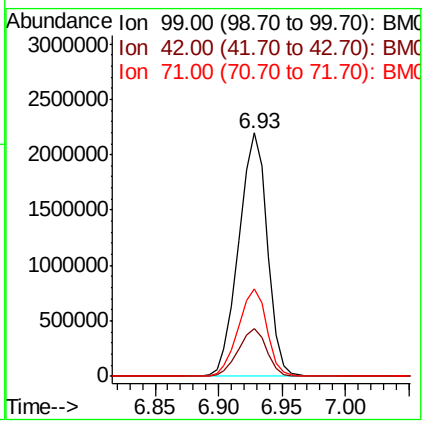


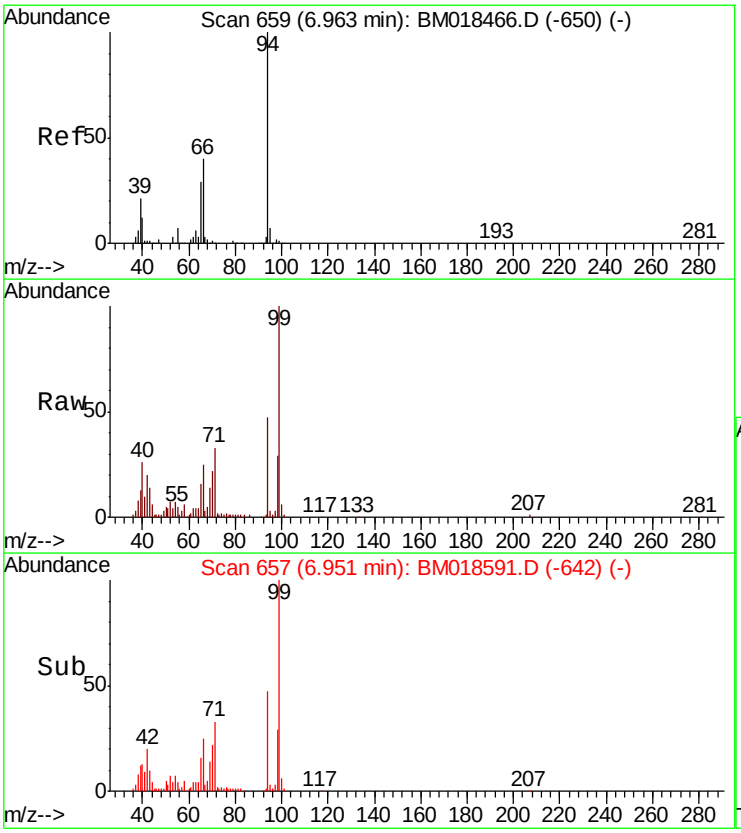
#7
Phenol-d6
Concen: 146.586 ng
RT: 6.93 min Scan# 653
Delta R.T. -0.01 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion: 99 Resp: 3444099

Ion	Ratio	Lower	Upper
99	100		
42	19.4	17.3	25.9
71	36.0	28.0	42.0

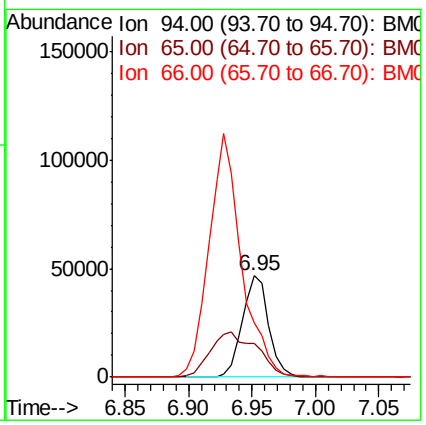


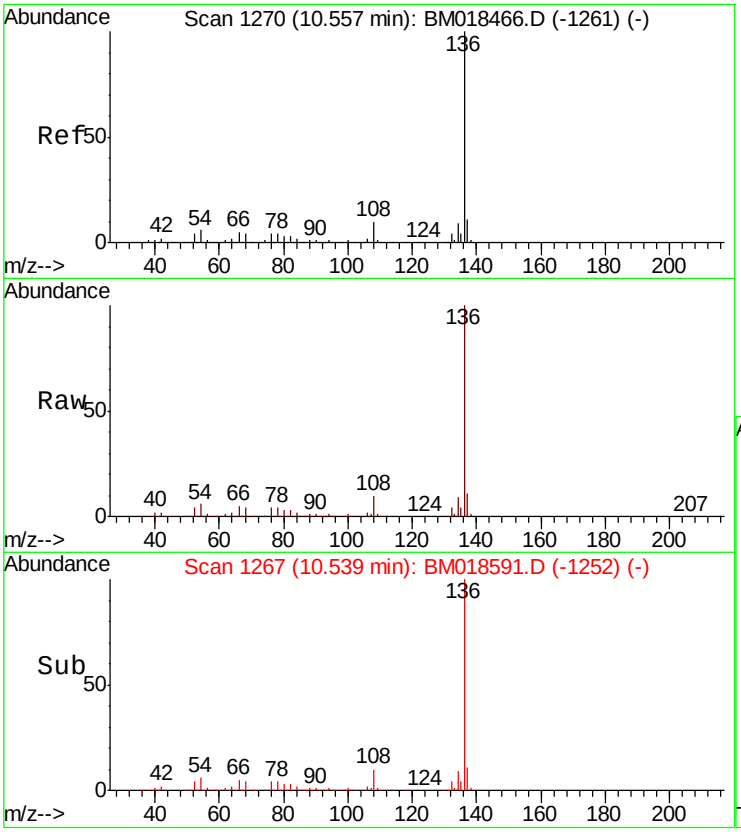


#10
Phenol
Concen: 2.836 ng
RT: 6.95 min Scan# 657
Delta R.T. -0.01 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Tgt Ion: 94 Resp: 67707

Ion	Ratio	Lower	Upper
94	100		
65	32.8	9.4	49.4
66	53.3	19.1	59.1



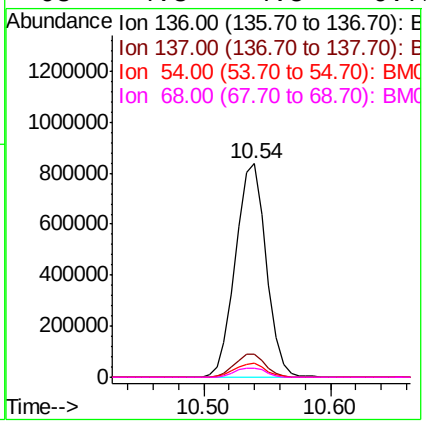


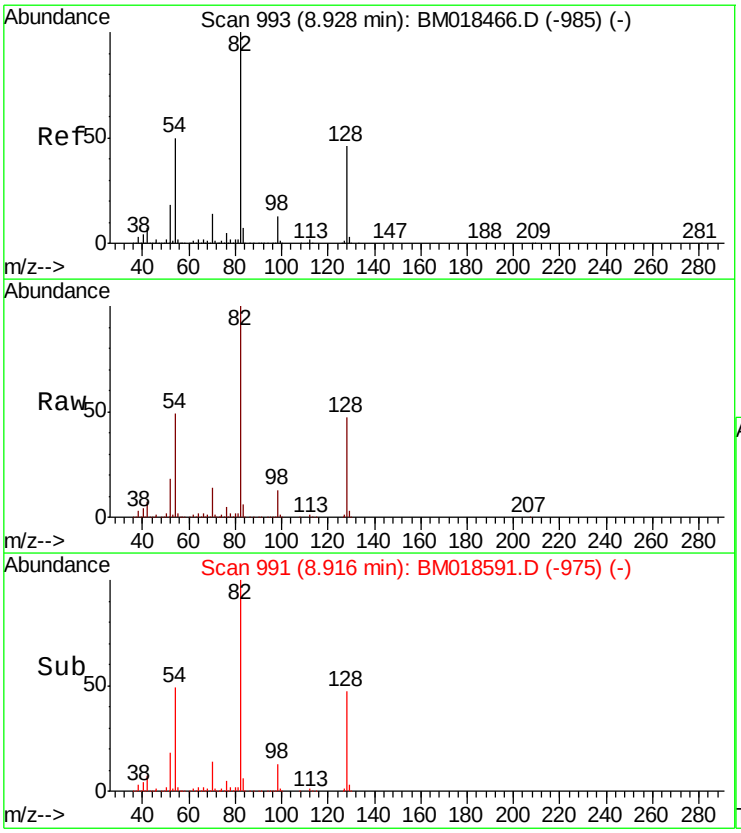
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion:136 Resp: 1409195

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.5	6.0	9.0
68	4.3	4.5	6.7#

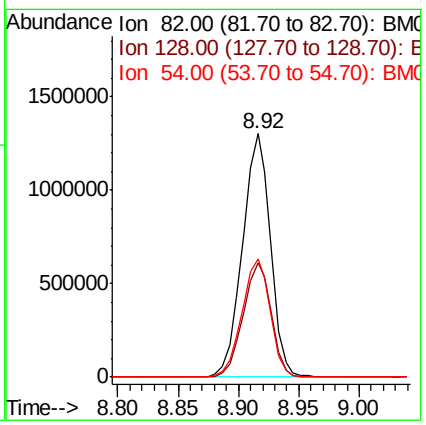


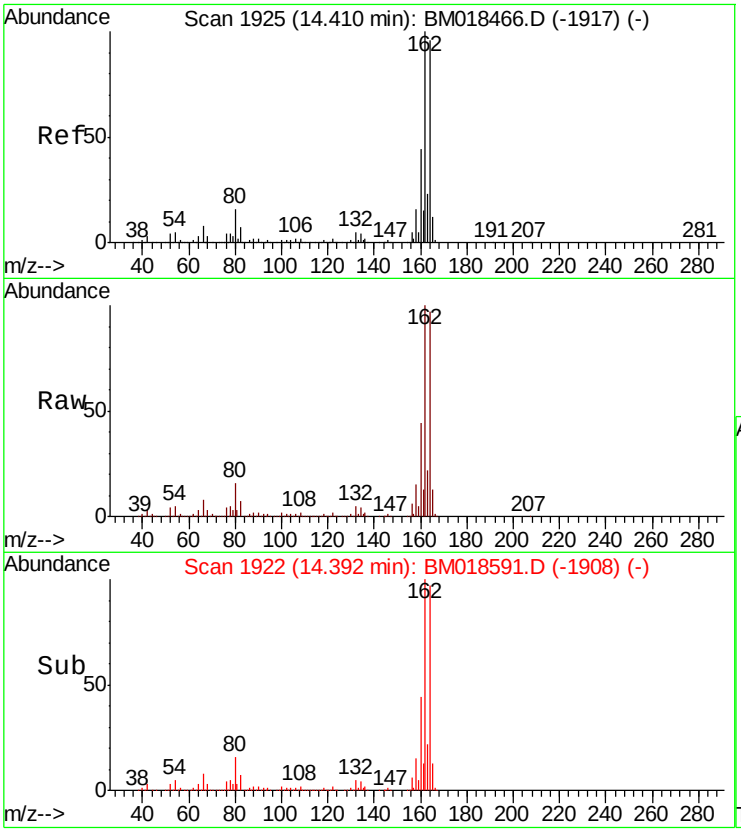


#23
Nitrobenzene-d5
Concen: 86.654 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Tgt Ion: 82 Resp: 2106434

Ion	Ratio	Lower	Upper
82	100		
128	46.9	36.3	54.5
54	48.8	41.7	62.5



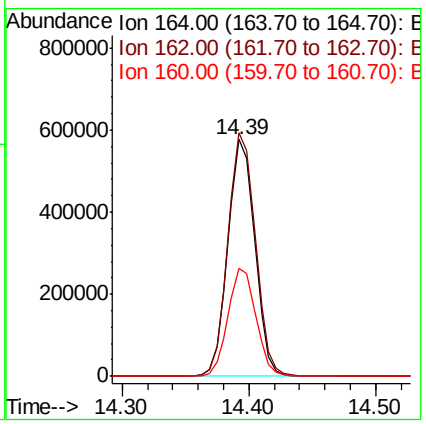


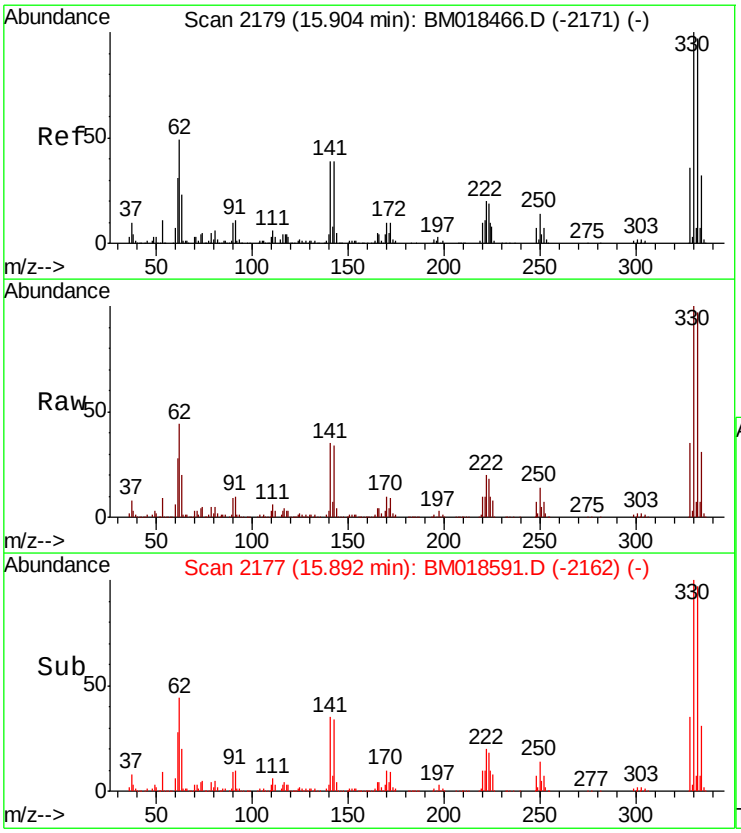
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion:164 Resp: 844572

Ion	Ratio	Lower	Upper
164	100		
162	102.9	83.0	124.4
160	45.4	37.1	55.7

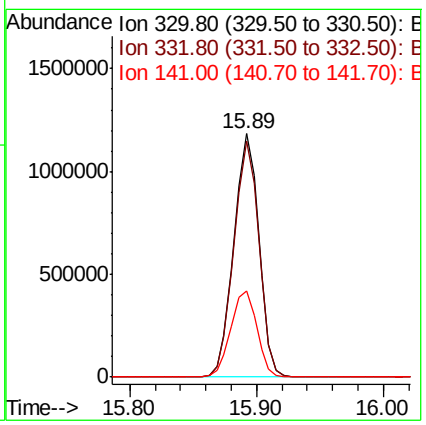


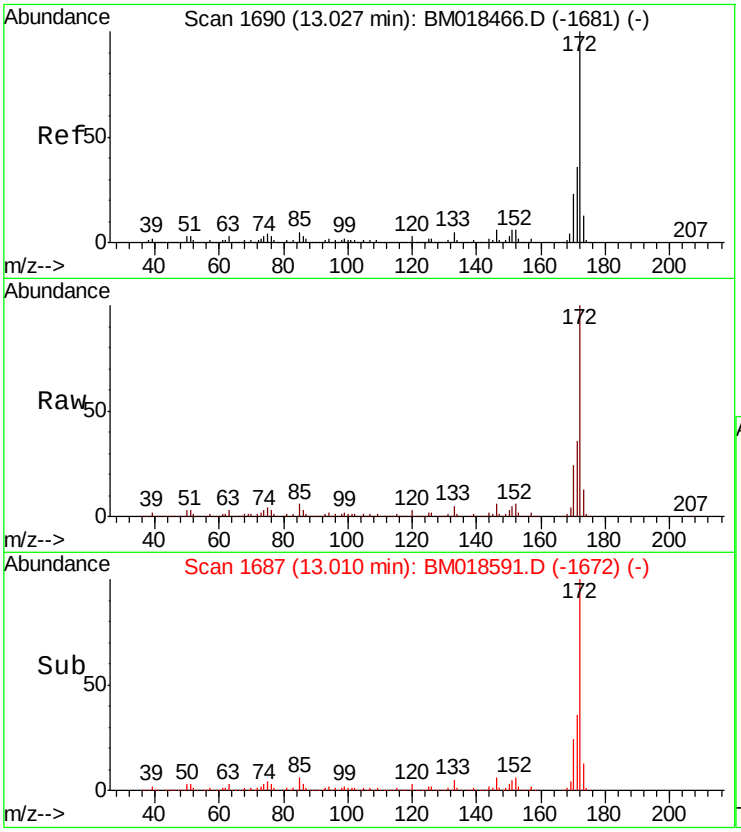


#42
2,4,6-Tribromophenol
Concen: 151.046 ng
RT: 15.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Tgt Ion:330 Resp: 1624317

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.6	116.4
141	36.7	31.7	47.5



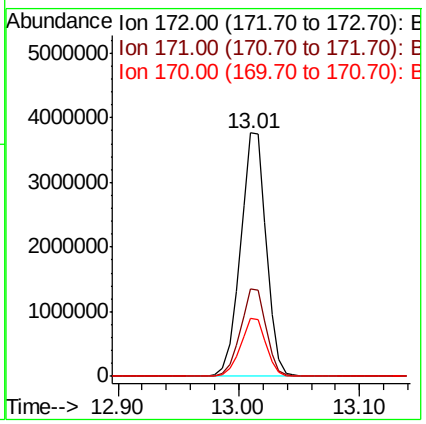


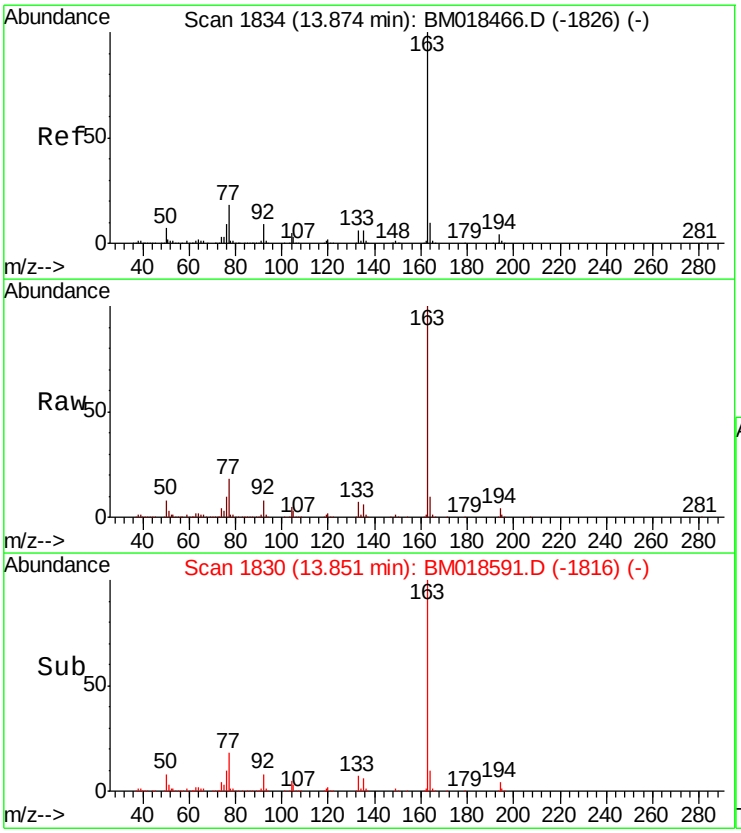
#45
2-Fluorobiphenyl
Concen: 86.461 ng
RT: 13.01 min Scan# 1687
Delta R.T. -0.01 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion:172 Resp: 5596159

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.2	42.4
170	23.7	18.9	28.3

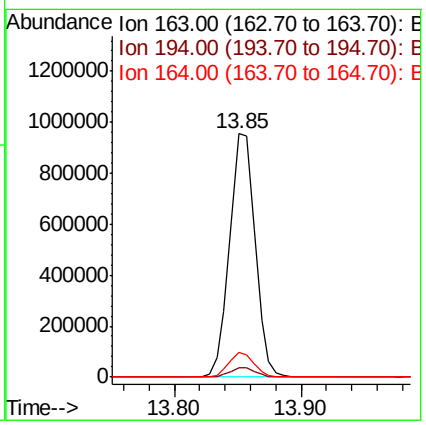


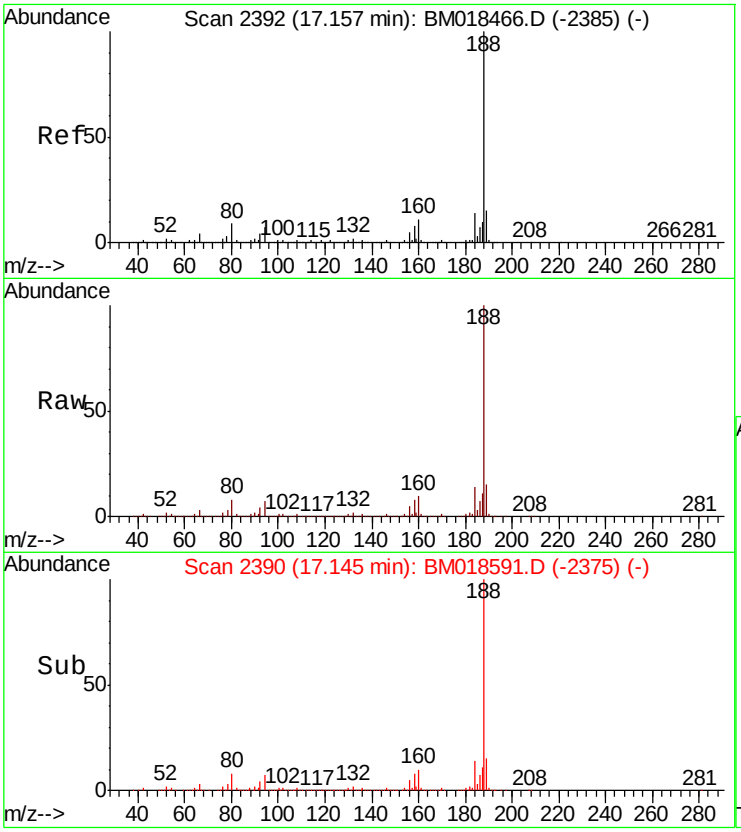


#50
Dimethylphthalate
Concen: 19.138 ng
RT: 13.85 min Scan# 1830
Delta R.T. -0.02 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Tgt Ion:163 Resp: 1327478

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.0	4.6
164	10.2	7.8	11.8



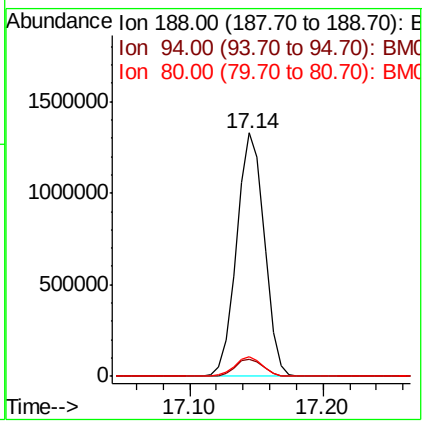


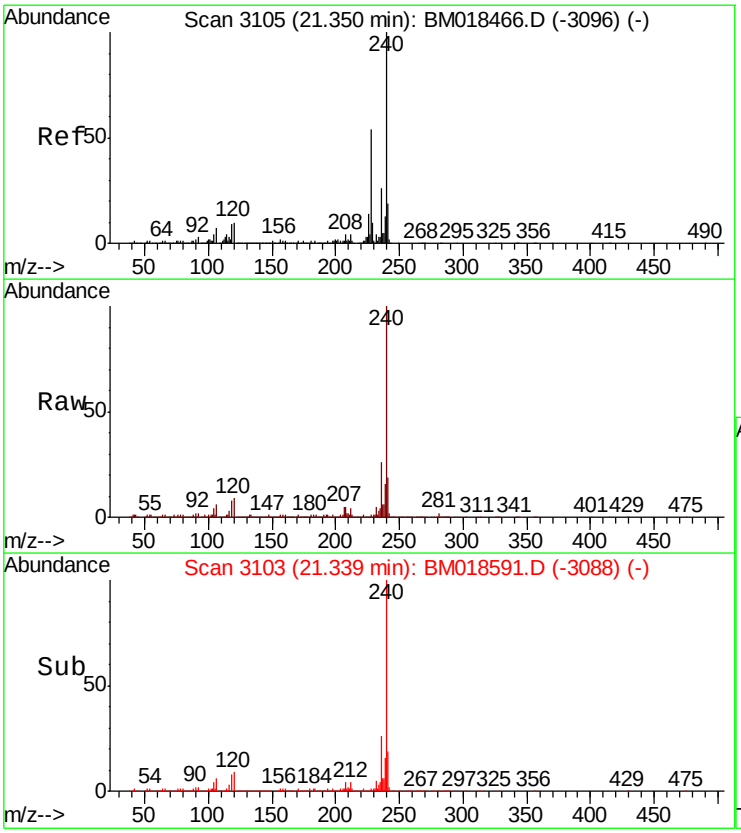
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion:188 Resp: 1902365

Ion	Ratio	Lower	Upper
188	100		
94	7.2	7.1	10.7
80	8.3	7.6	11.4

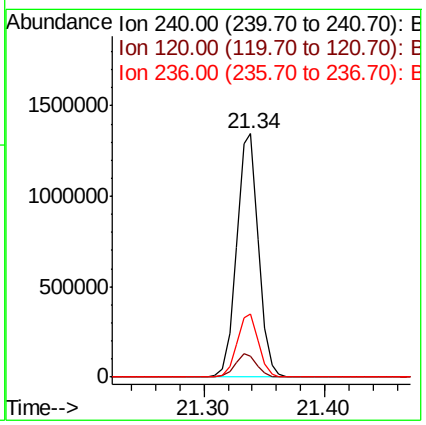


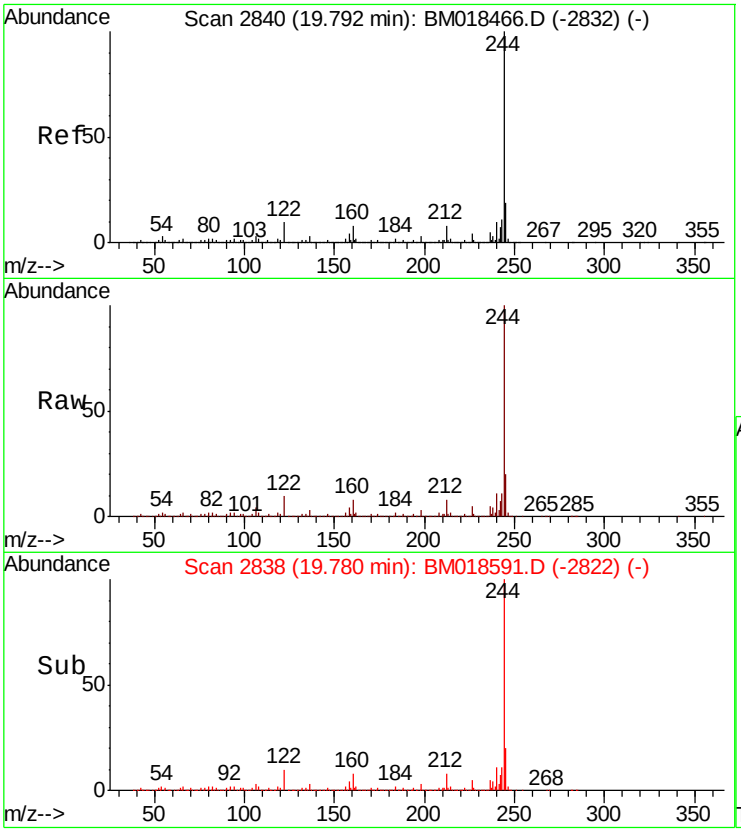


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Tgt Ion:240 Resp: 1685213

Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.4	12.6
236	26.0	20.7	31.1



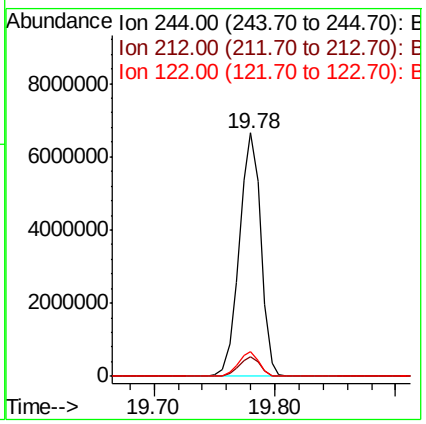


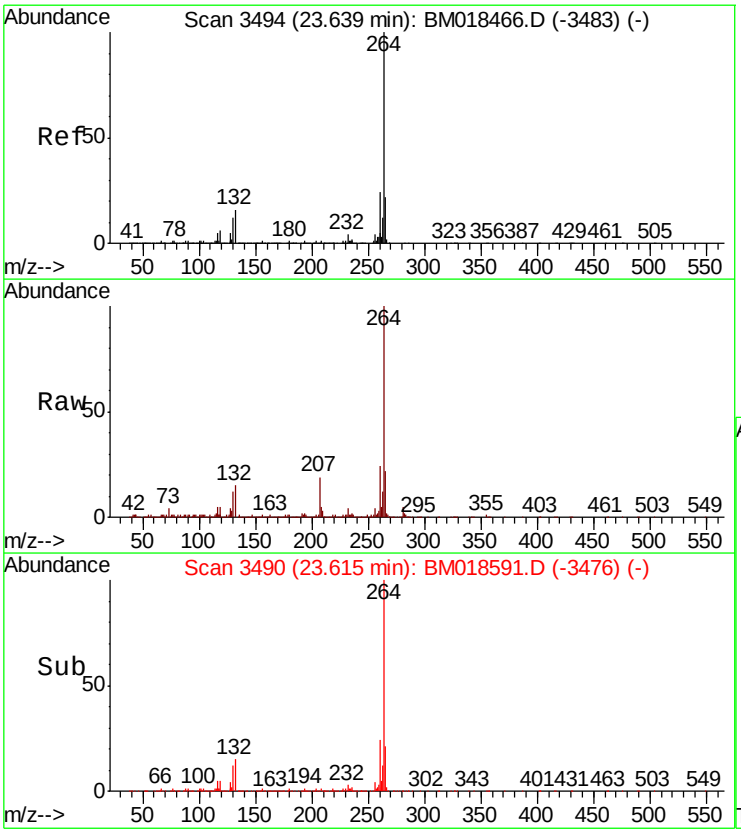
#79
Terphenyl-d14
Concen: 103.563 ng
RT: 19.78 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Instrument :
BNA_M
ClientSampleId :
TP-6

Tgt Ion:244 Resp: 8279110

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.9	8.9
122	10.2	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.62 min Scan# 3490
Delta R.T. -0.02 min
Lab File: BM018591.D
Acq: 16 Jan 2019 19:50

Tgt Ion:264 Resp: 1338446

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.9	28.3
265	22.0	16.8	25.2