Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011419\
Data File : BM018558.D
Acq On : 14 Jan 2019 19:11
Operator : JU/SJ
Sample : K1131-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DGA-01-011019

Quant Time: Jan 14 23:30:55 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	188858	20.00	ng	-0.01
21) Naphthalene-d8	10.55	136	781470	20.00	ng	0.00
39) Acenaphthene-d10	14.40	164	487099	20.00	ng	-0.01
64) Phenanthrene-d10	17.15	188	1171925	20.00	ng	0.00
76) Chrysene-d12	21.34	240	1391385	20.00	ng	0.00
87) Perylene-d12	23.63	264	1523764	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1660846	162.38	ng	0.00
7) Phenol-d6	6.93	99	2264850	174.34	ng	0.00
23) Nitrobenzene-d5	8.92	82	1342087	99.56	ng	0.00
42) 2,4,6-Tribromophenol	15.90	330	1099090	177.21	ng	0.00
45) 2-Fluorobiphenyl	13.02	172	3665234	98.19	ng	0.00
79) Terphenyl-d14	19.79	244	6480644	98.19	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.95	94	32941	2.495	ng	# 61
50) Dimethylphthalate	13.86	163	585422	14.634	ng	99

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

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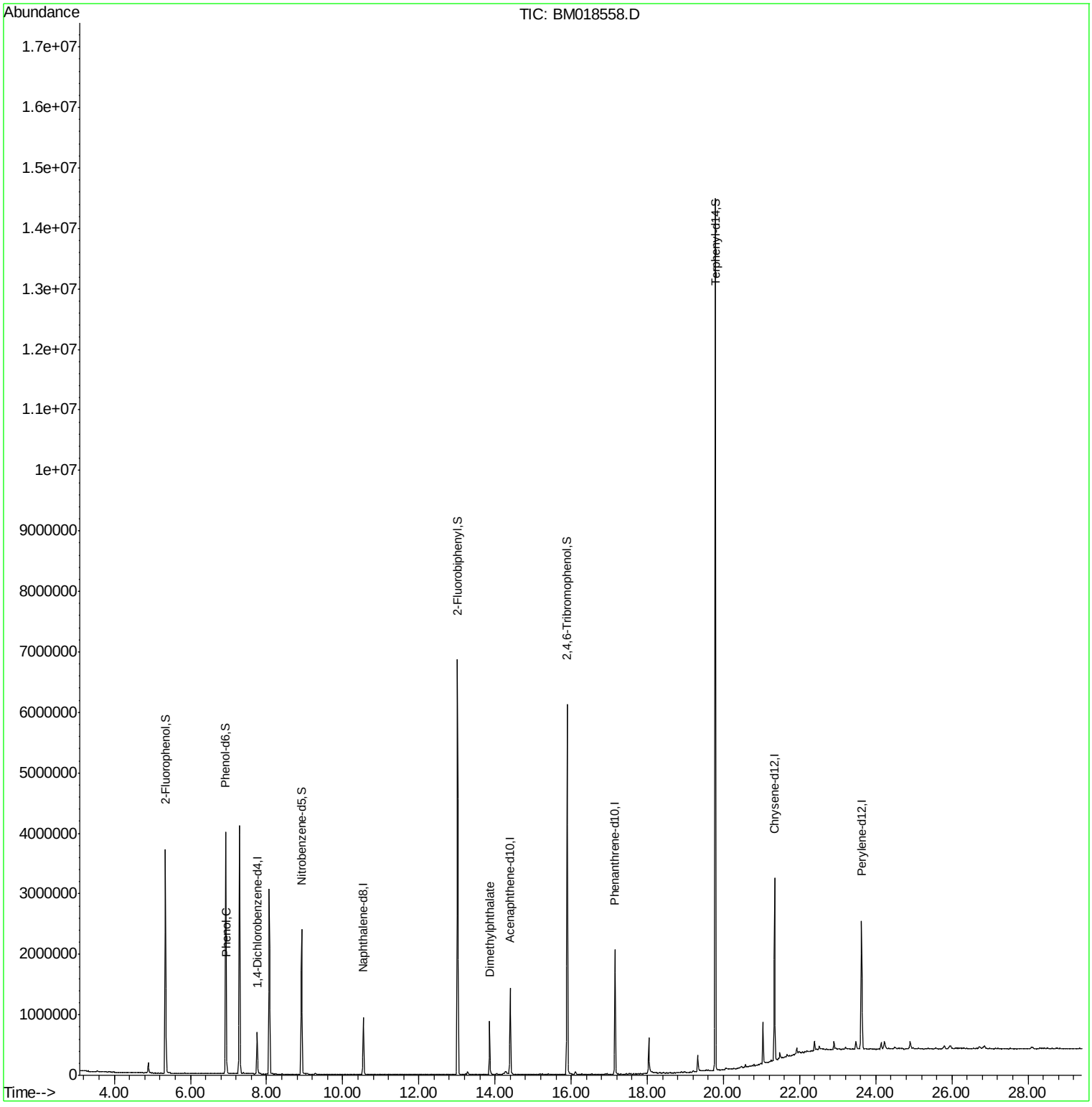
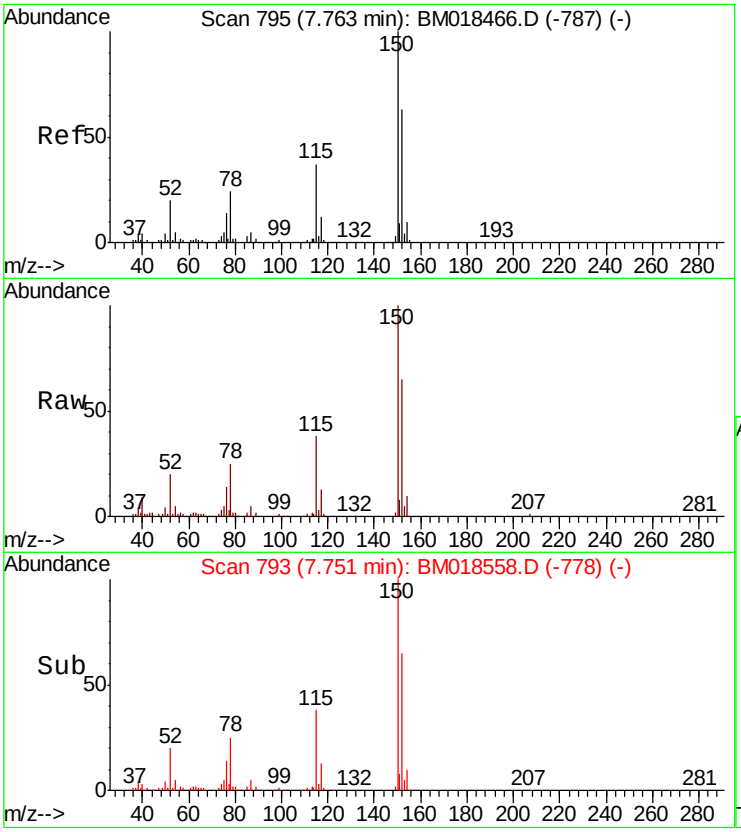


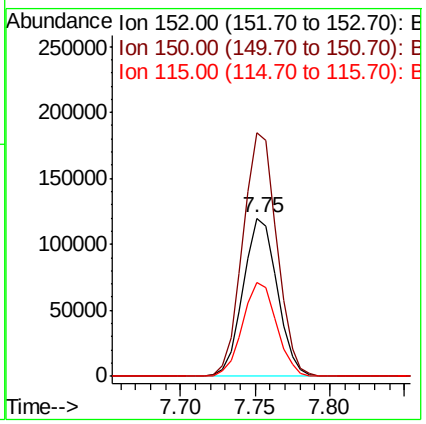


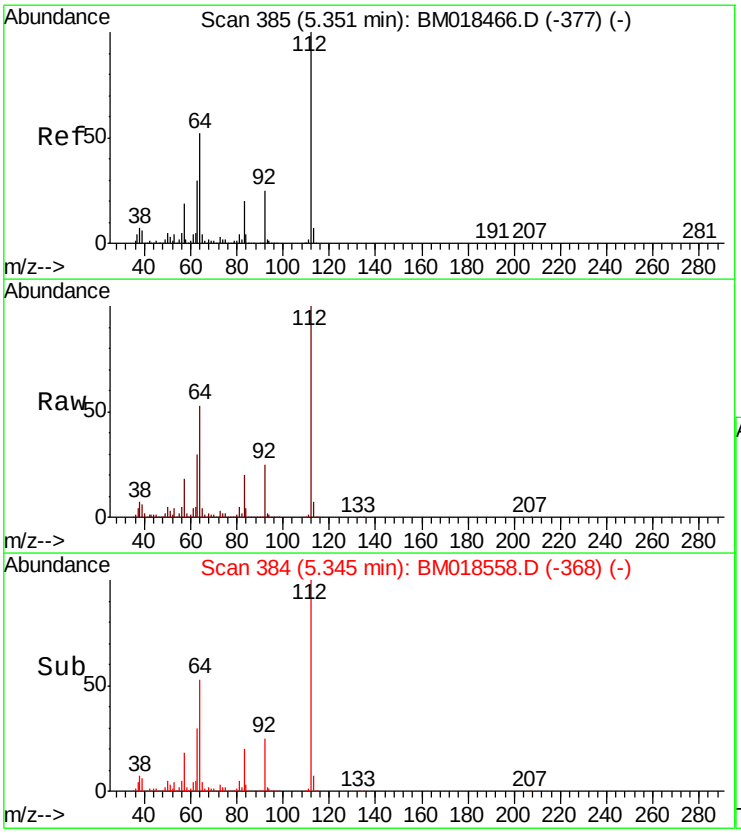
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Instrument :
BNA_M
ClientSampleId :
DGA-01-011019

Tgt Ion:152 Resp: 188858

Ion	Ratio	Lower	Upper
152	100		
150	153.8	126.9	190.3
115	59.1	45.5	68.3

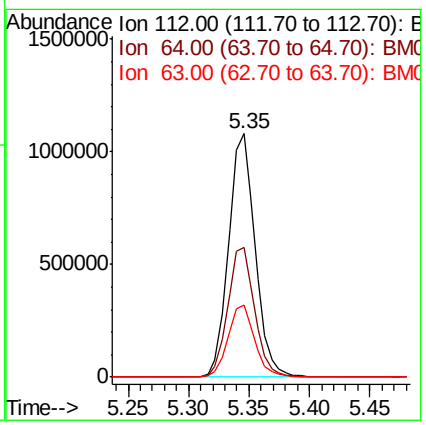


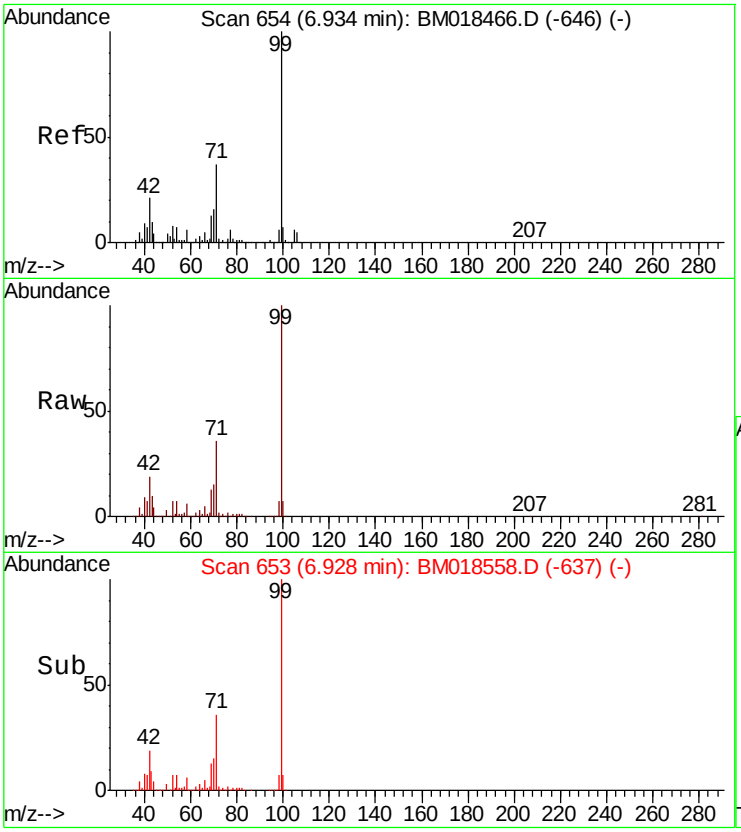


#5
2-Fluorophenol
Concen: 162.383 ng
RT: 5.35 min Scan# 384
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Tgt Ion:112 Resp: 1660846

Ion	Ratio	Lower	Upper
112	100		
64	53.5	46.5	69.7
63	29.7	25.2	37.8



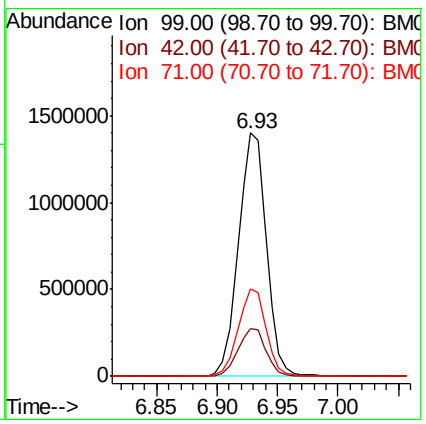


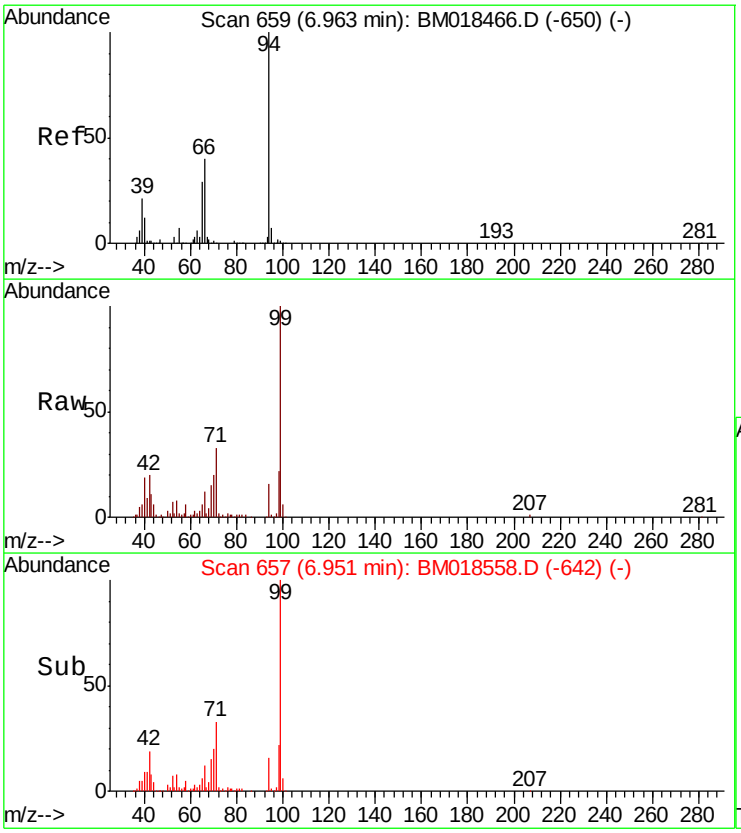
#7
Phenol-d6
Concen: 174.344 ng
RT: 6.93 min Scan# 653
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Instrument :
BNA_M
ClientSampleId :
DGA-01-011019

Tgt Ion: 99 Resp: 2264850

Ion	Ratio	Lower	Upper
99	100		
42	19.5	17.3	25.9
71	36.2	28.0	42.0

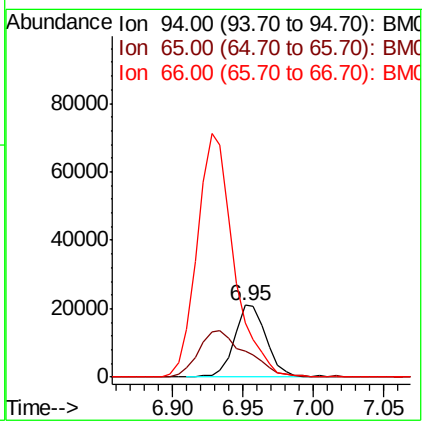


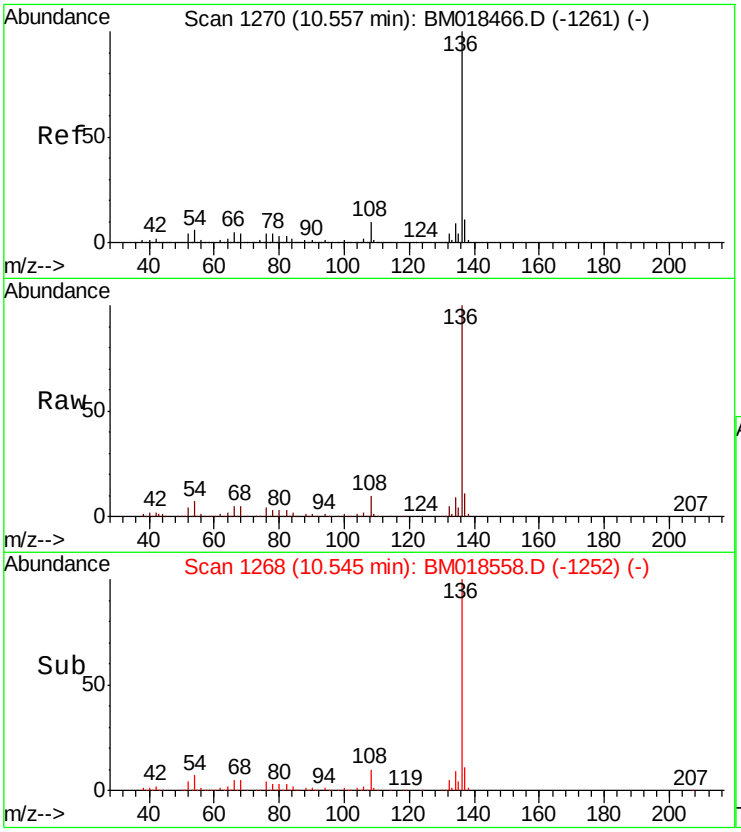


#10
Phenol
Concen: 2.495 ng
RT: 6.95 min Scan# 657
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Tgt Ion: 94 Resp: 32941

Ion	Ratio	Lower	Upper
94	100		
65	36.6	9.4	49.4
66	75.1	19.1	59.1#



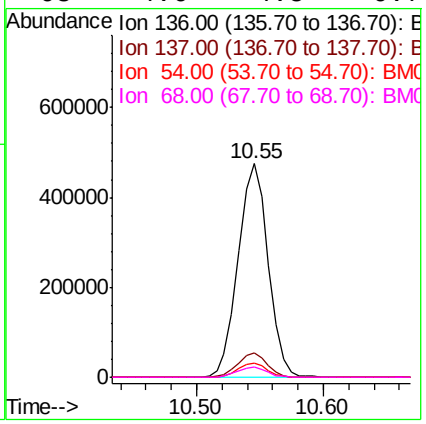


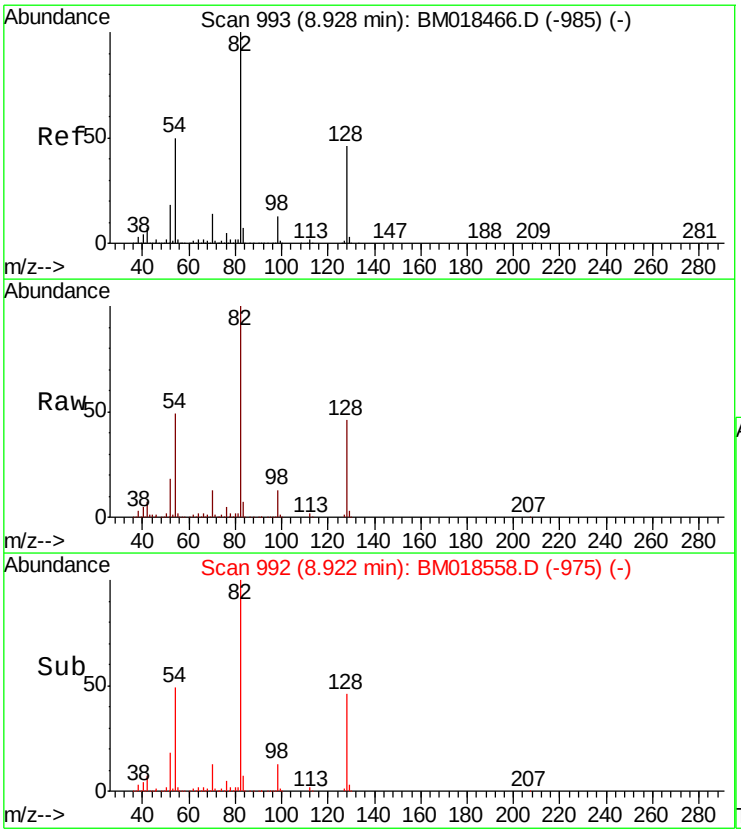
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Instrument :
BNA_M
ClientSampleId :
DGA-01-011019

Tgt Ion:136 Resp: 781470

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	6.8	6.0	9.0
68	4.6	4.5	6.7

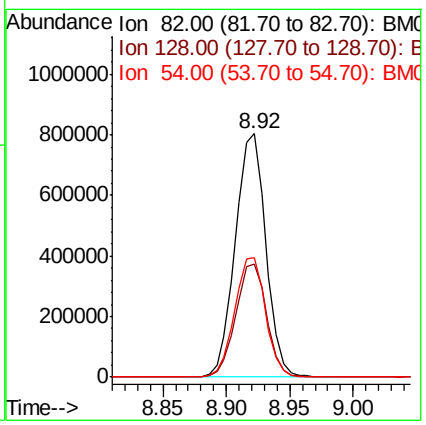


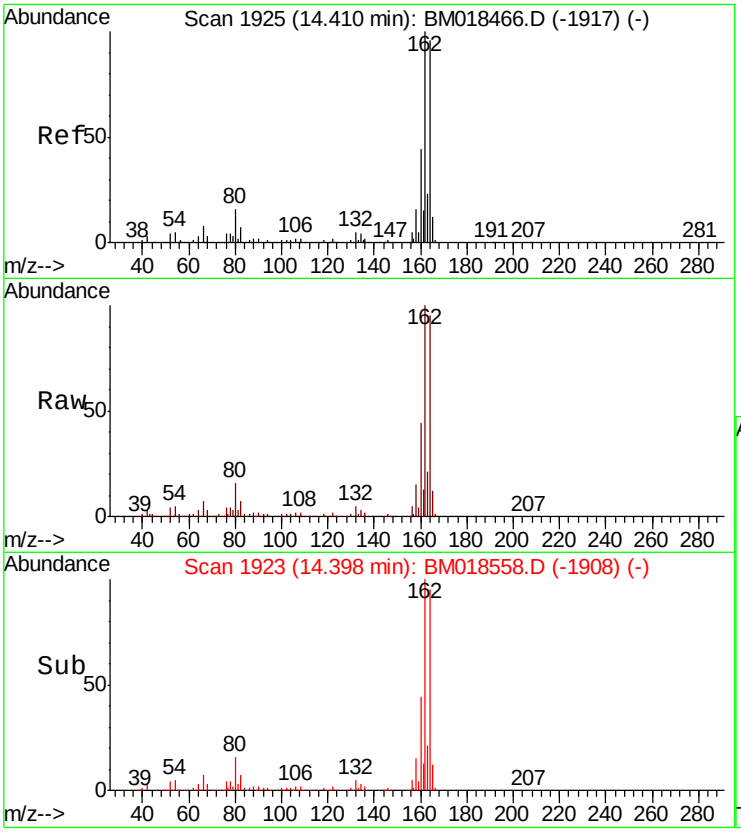


#23
Nitrobenzene-d5
Concen: 99.559 ng
RT: 8.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Tgt Ion: 82 Resp: 1342087

Ion	Ratio	Lower	Upper
82	100		
128	46.4	36.3	54.5
54	49.2	41.7	62.5



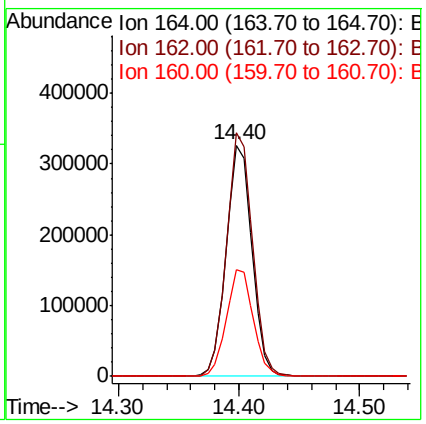


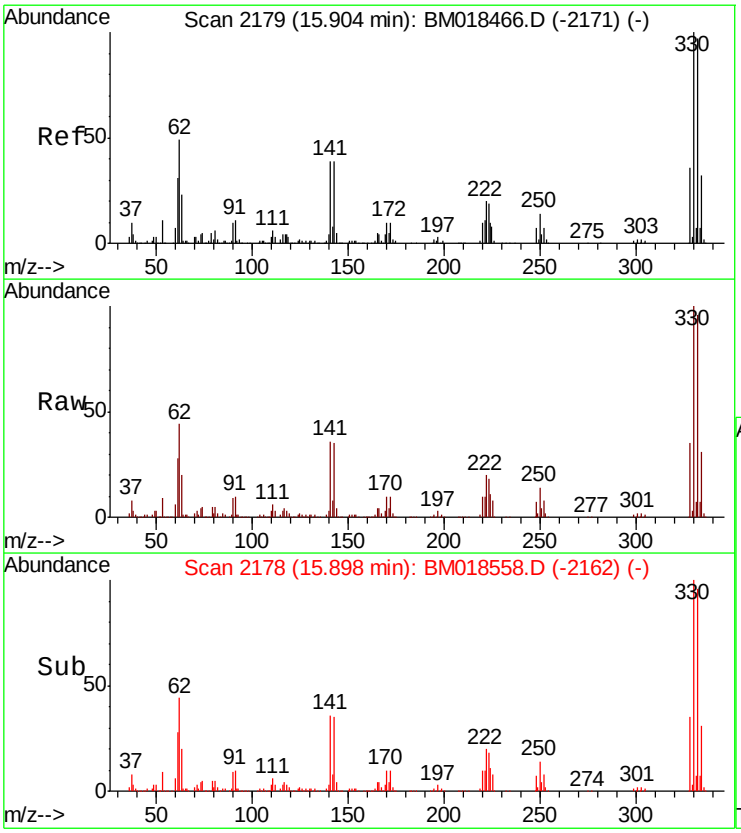
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.40 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Instrument :
BNA_M
ClientSampleId :
DGA-01-011019

Tgt Ion:164 Resp: 487099

Ion	Ratio	Lower	Upper
164	100		
162	105.4	83.0	124.4
160	45.9	37.1	55.7

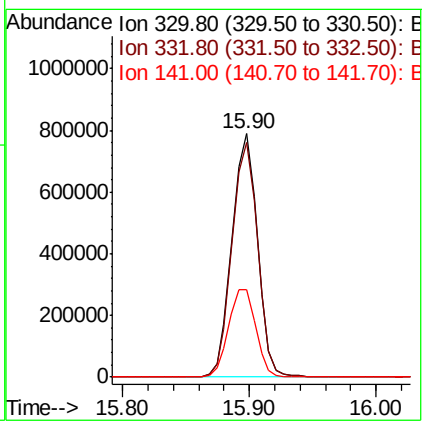


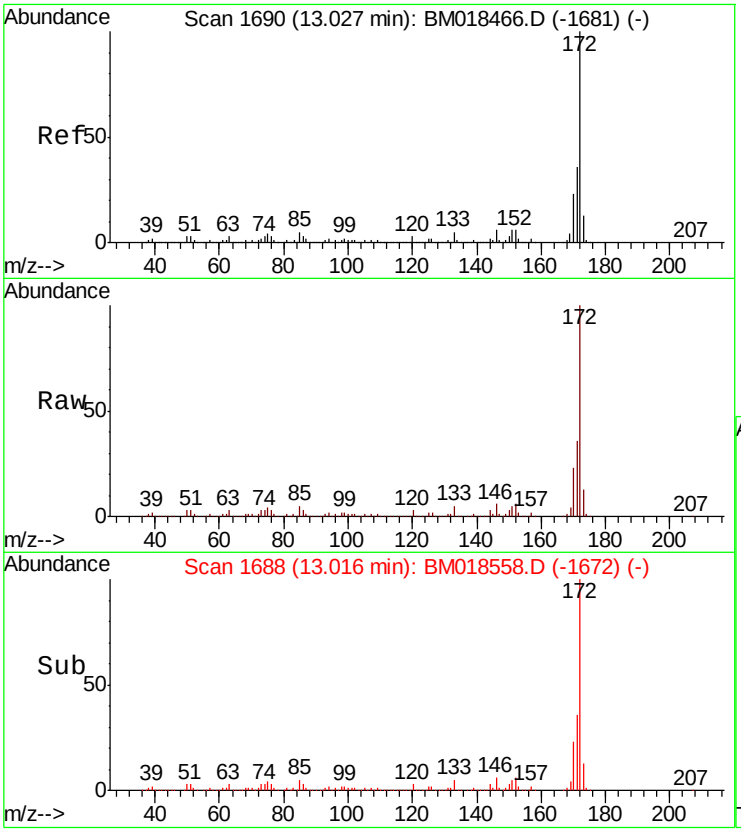


#42
2,4,6-Tribromophenol
Concen: 177.212 ng
RT: 15.90 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Tgt Ion:330 Resp: 1099090

Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.6	116.4
141	38.5	31.7	47.5



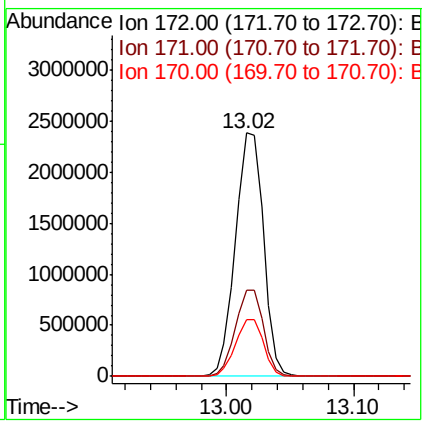


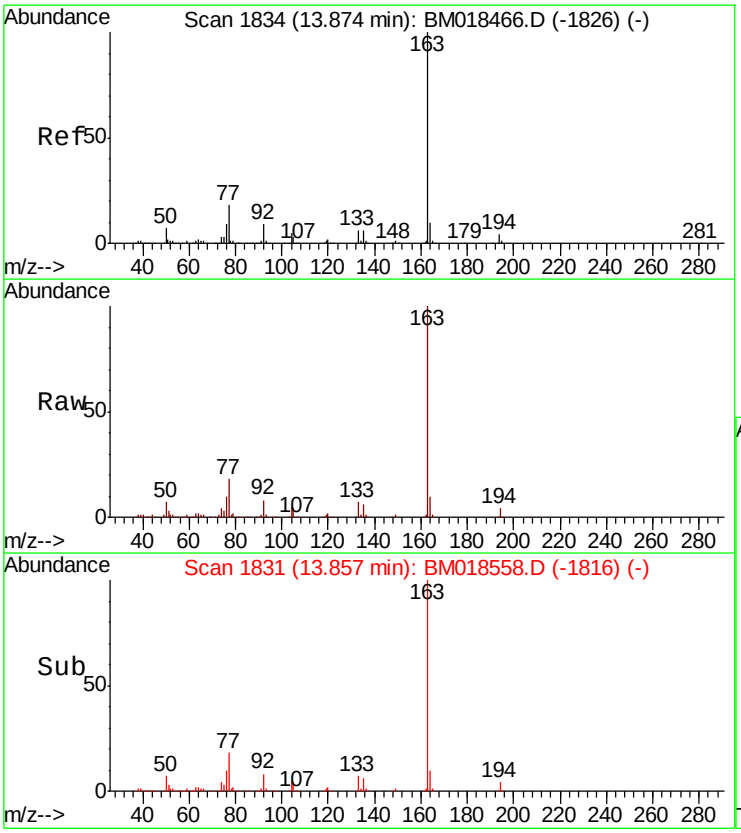
#45
2-Fluorobiphenyl
Concen: 98.186 ng
RT: 13.02 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Instrument :
BNA_M
ClientSampleId :
DGA-01-011019

Tgt Ion:172 Resp: 3665234

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.2	42.4
170	23.2	18.9	28.3

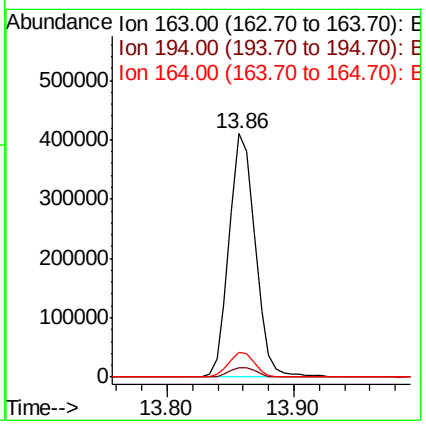


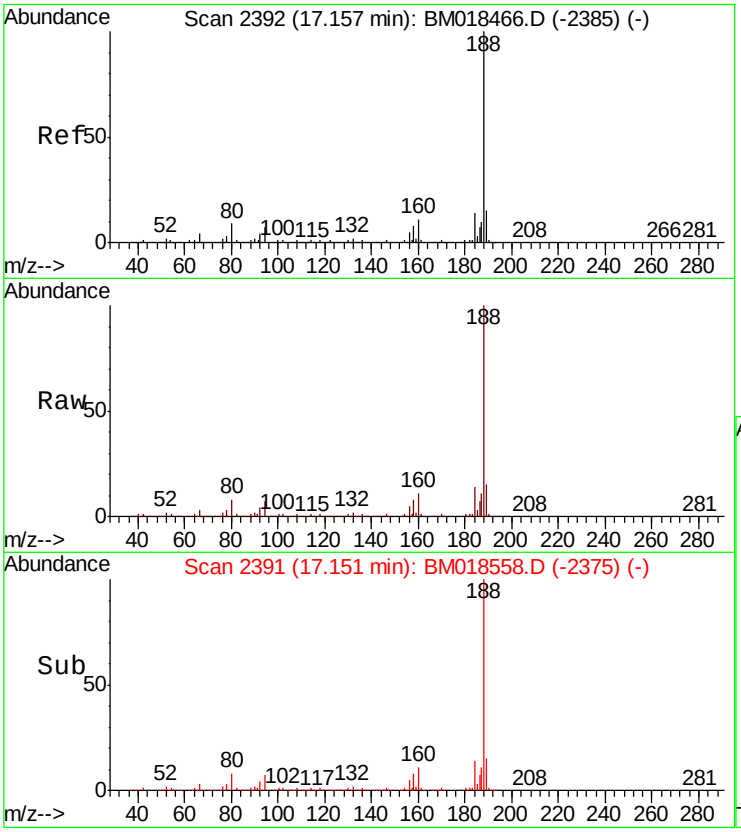


#50
Dimethylphthalate
Concen: 14.634 ng
RT: 13.86 min Scan# 1831
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Tgt Ion:163 Resp: 585422

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.0	4.6
164	10.3	7.8	11.8



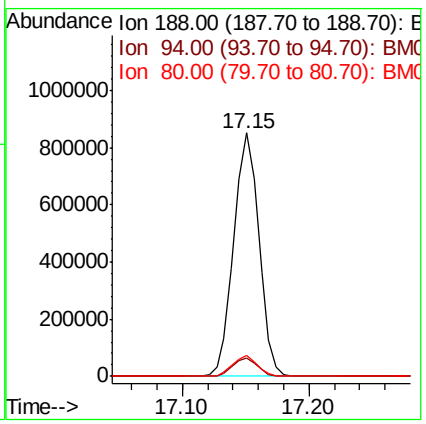


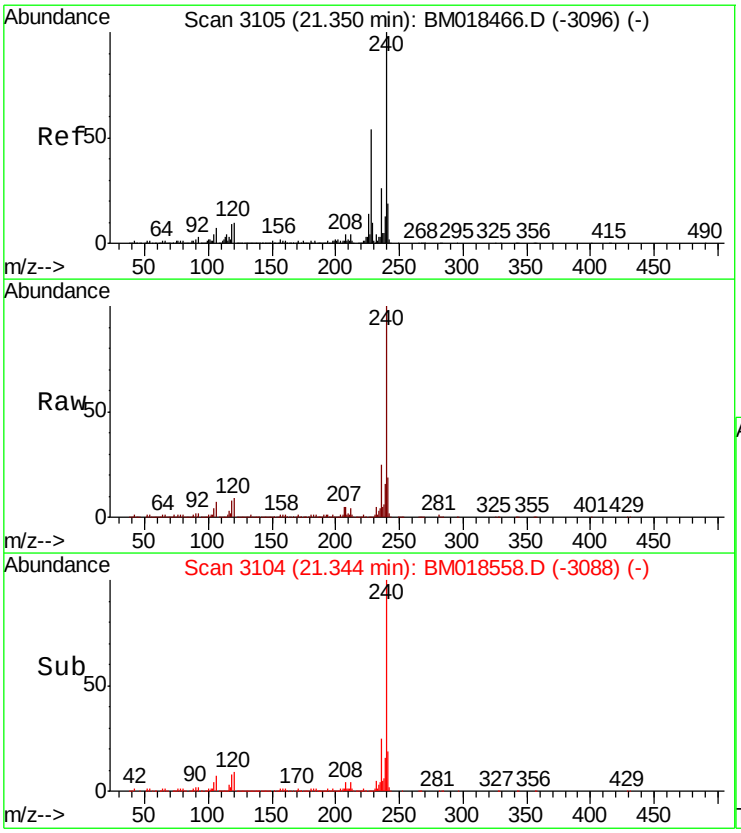
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.15 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Instrument :
BNA_M
ClientSampleId :
DGA-01-011019

Tgt Ion:188 Resp: 1171925

Ion	Ratio	Lower	Upper
188	100		
94	7.4	7.1	10.7
80	8.4	7.6	11.4

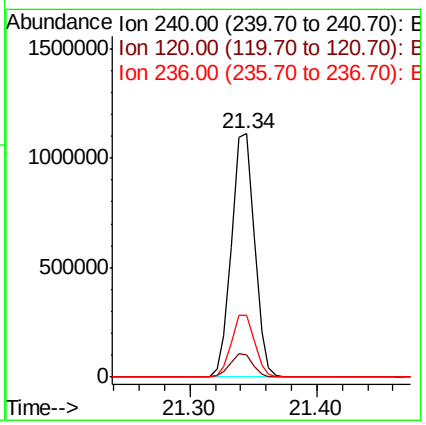


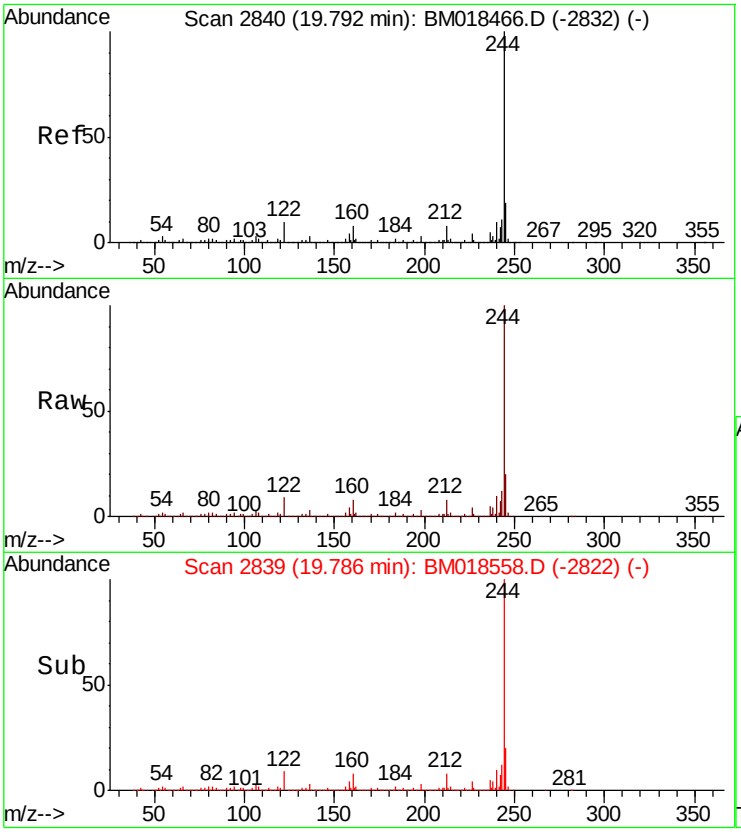


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Tgt Ion:240 Resp: 1391385

Ion	Ratio	Lower	Upper
240	100		
120	9.1	8.4	12.6
236	25.5	20.7	31.1



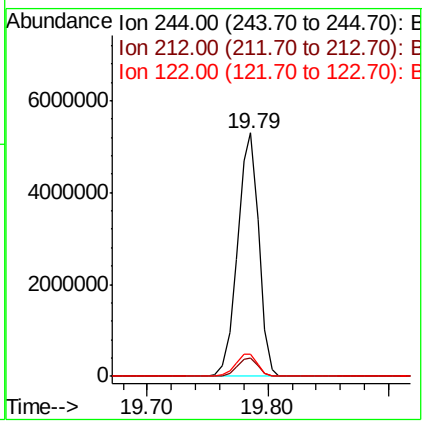


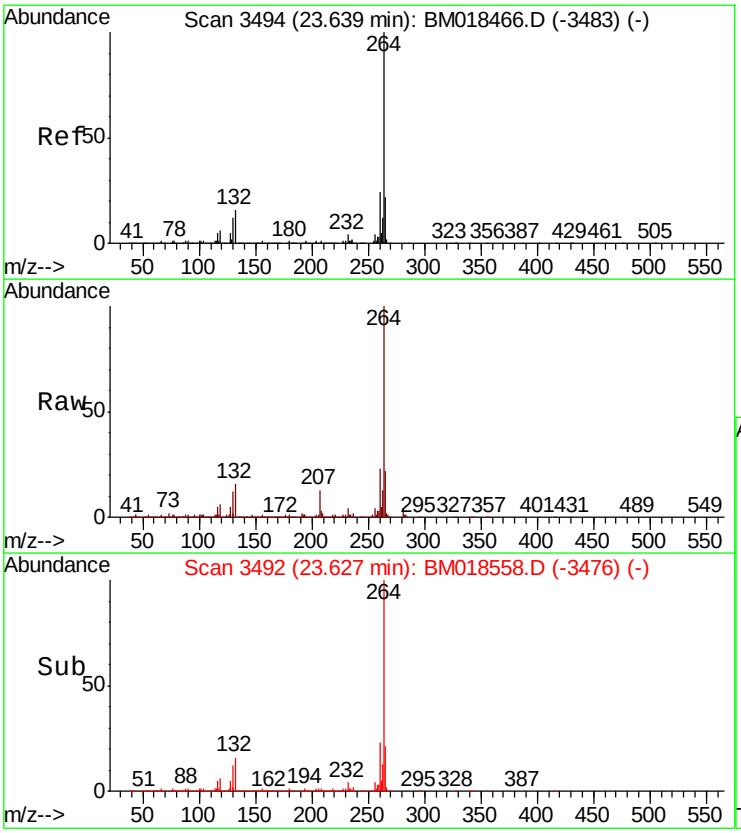
#79
Terphenyl-d14
Concen: 98.186 ng
RT: 19.79 min Scan# 2839
Delta R.T. -0.00 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Instrument :
BNA_M
ClientSampleId :
DGA-01-011019

Tgt Ion:244 Resp: 6480644

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.9	8.9
122	9.3	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3492
Delta R.T. -0.01 min
Lab File: BM018558.D
Acq: 14 Jan 2019 19:11

Tgt Ion:264 Resp: 1523764

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.9	28.3
265	21.6	16.8	25.2