Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
Data File : BM019301.D
Acq On : 21 Mar 2019 21:33
Operator : JU/SJ
Sample : K2004-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-19(13-14)

Quant Time: Mar 22 04:44:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	229651	20.00	ng	-0.04
21) Naphthalene-d8	10.41	136	931528	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	625772	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	1256002	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	907555	20.00	ng	-0.03
87) Perylene-d12	23.47	264	959039	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1839790	129.74	ng	-0.02
7) Phenol-d6	6.82	99	2848901	137.35	ng	-0.03
23) Nitrobenzene-d5	8.80	82	1549504	78.63	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	1237095	133.89	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	3420896	71.11	ng	-0.04
79) Terphenyl-d14	19.69	244	3615805	79.09	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.84	94	49181	2.200	ng	84
50) Dimethylphthalate	13.75	163	294184	5.495	ng	100

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

Quantitation Report (QT/LSC Reviewed)

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Misc :
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Instrument :
BNA_M
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SB-19(13-14)

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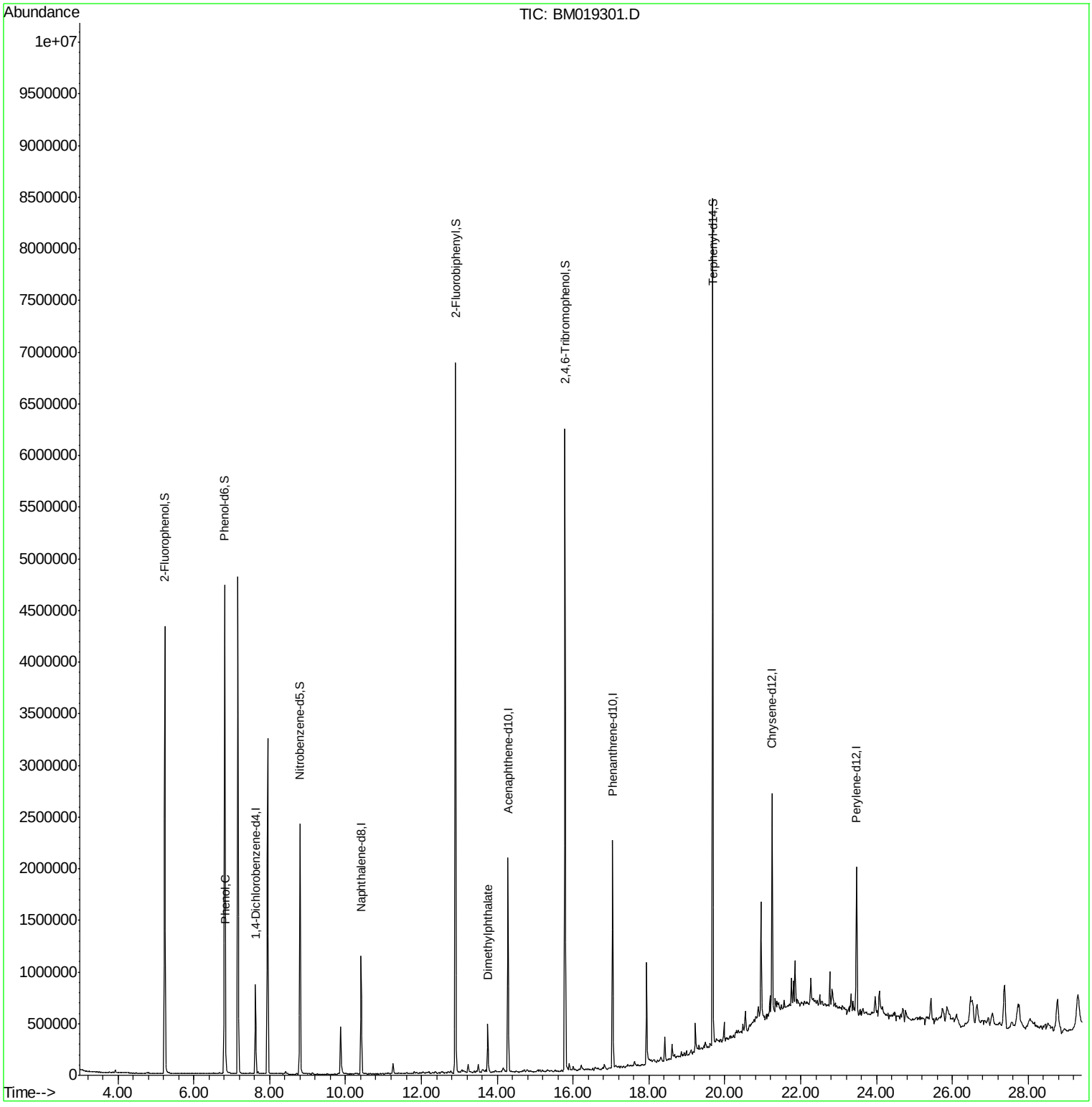
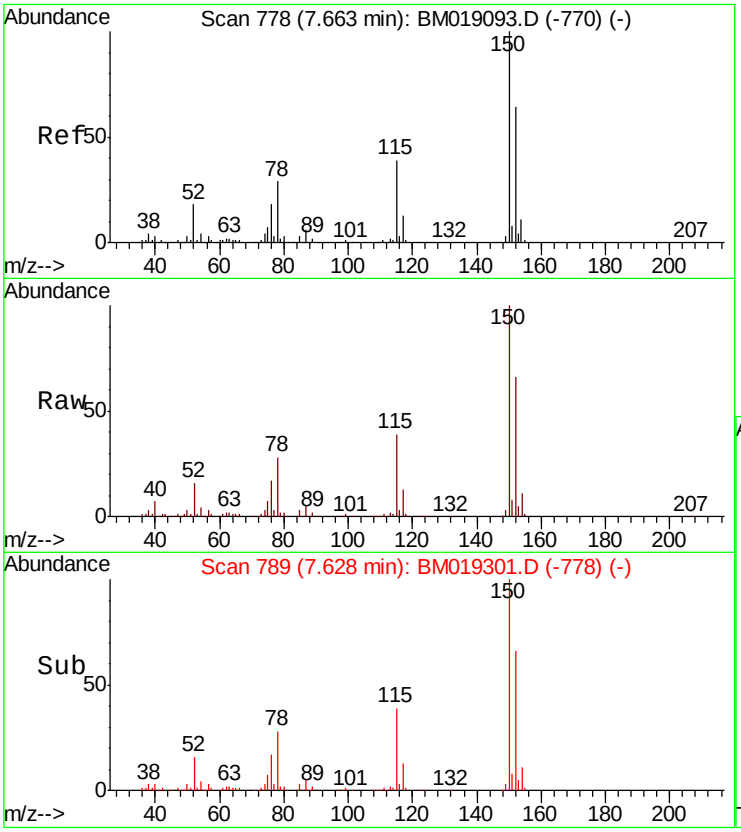


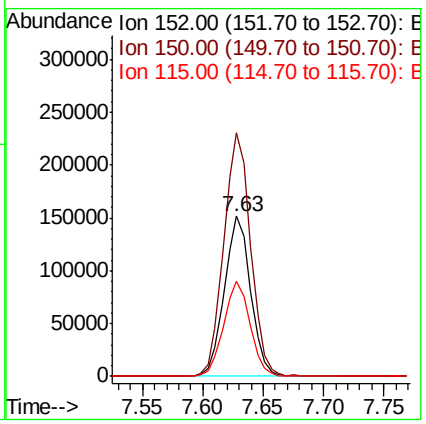


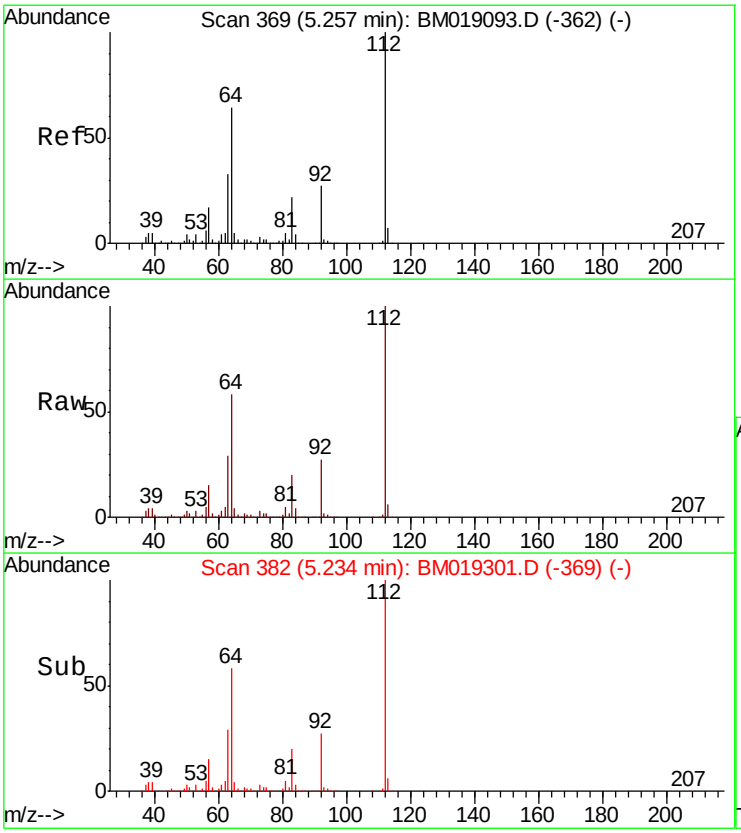
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Instrument :
BNA_M
ClientSampleId :
SB-19(13-14)

Tgt Ion:152 Resp: 229651

Ion	Ratio	Lower	Upper
152	100		
150	151.9	125.3	187.9
115	59.7	49.4	74.0

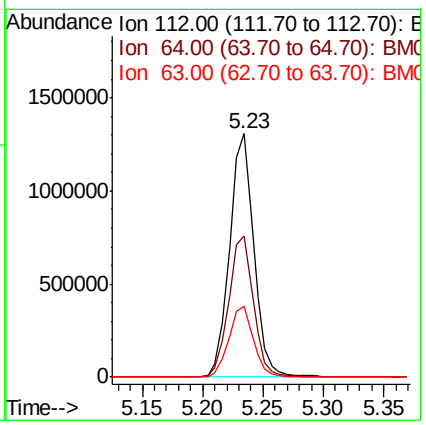


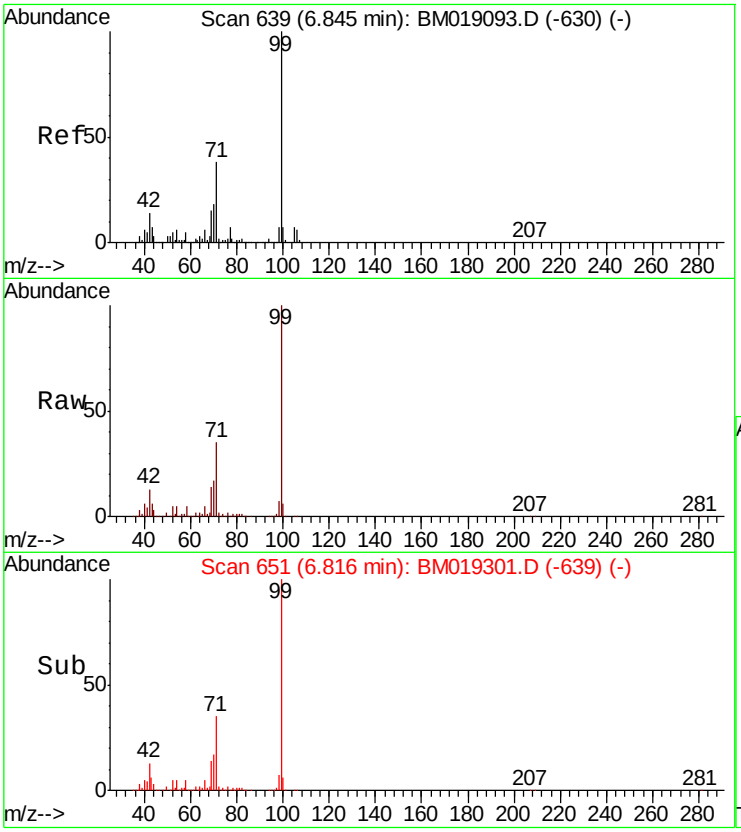


#5
2-Fluorophenol
Concen: 129.740 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Tgt Ion:112 Resp: 1839790

Ion	Ratio	Lower	Upper
112	100		
64	58.1	51.4	77.0
63	28.9	26.6	40.0



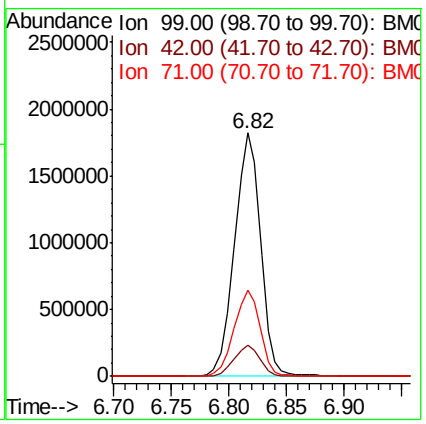


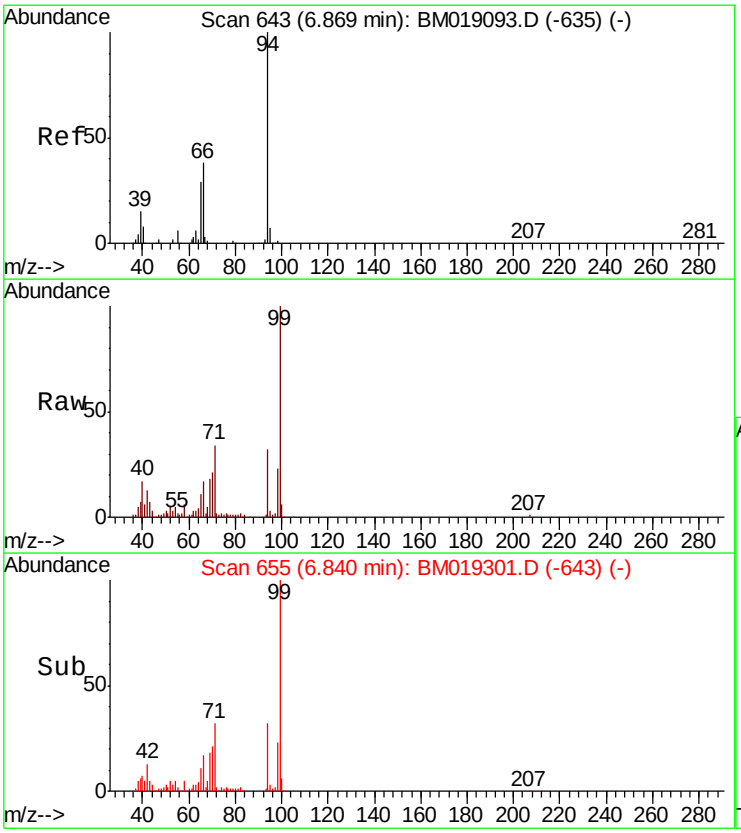
#7
Phenol-d6
Concen: 137.349 ng
RT: 6.82 min Scan# 651
Delta R.T. -0.03 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Instrument :
BNA_M
ClientSampleId :
SB-19(13-14)

Tgt Ion: 99 Resp: 2848901

Ion	Ratio	Lower	Upper
99	100		
42	12.5	10.9	16.3
71	35.5	30.3	45.5

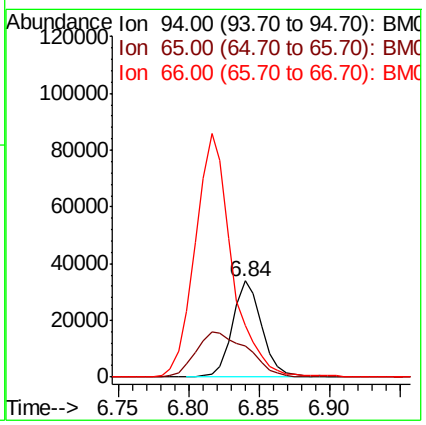


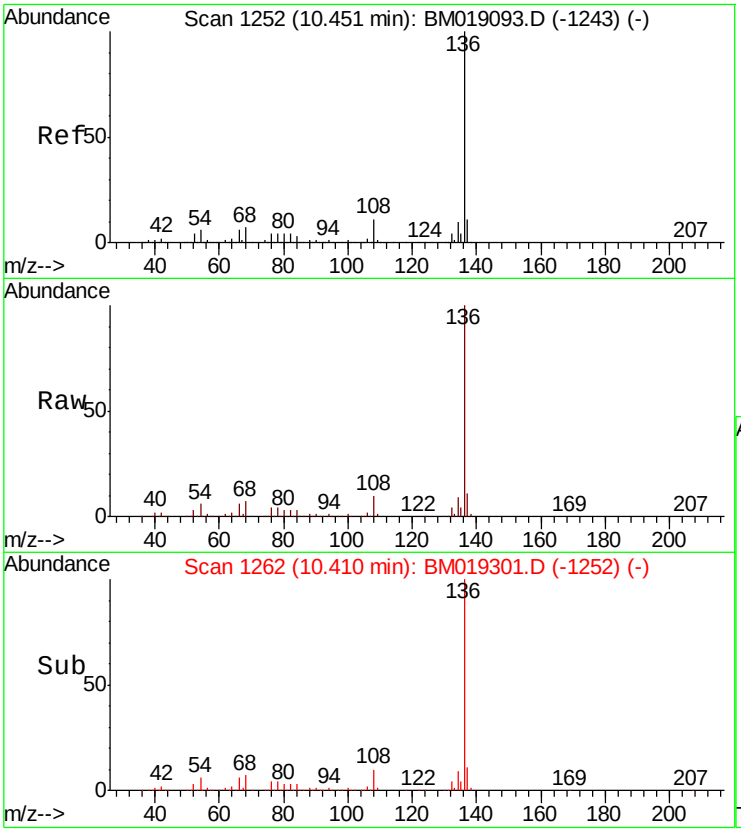


#10
Phenol
Concen: 2.200 ng
RT: 6.84 min Scan# 655
Delta R.T. -0.03 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Tgt Ion: 94 Resp: 49181

Ion	Ratio	Lower	Upper
94	100		
65	33.0	9.7	49.7
66	53.4	19.2	59.2



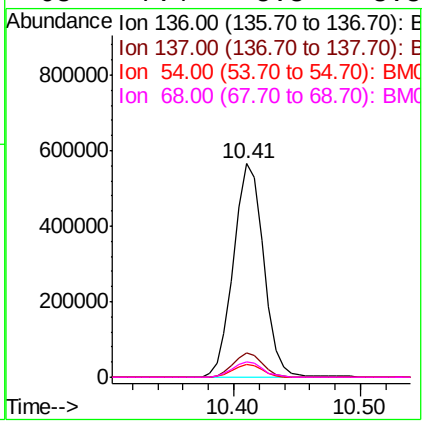


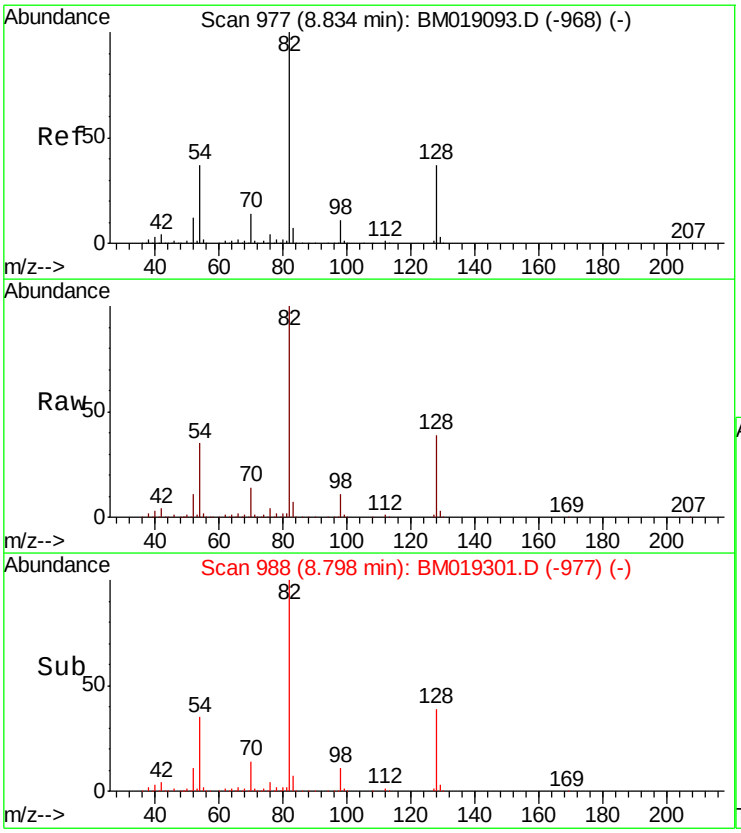
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Instrument :
BNA_M
ClientSampleId :
SB-19(13-14)

Tgt Ion:136 Resp: 931528

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	6.1	5.2	7.8
68	7.4	5.8	8.8

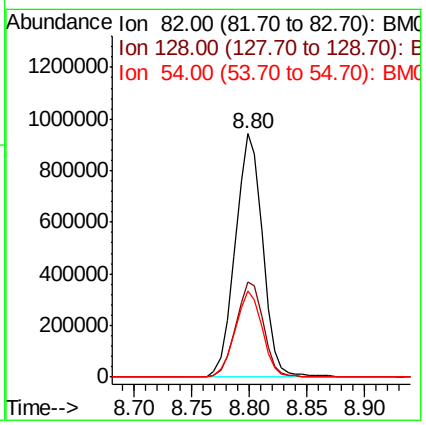


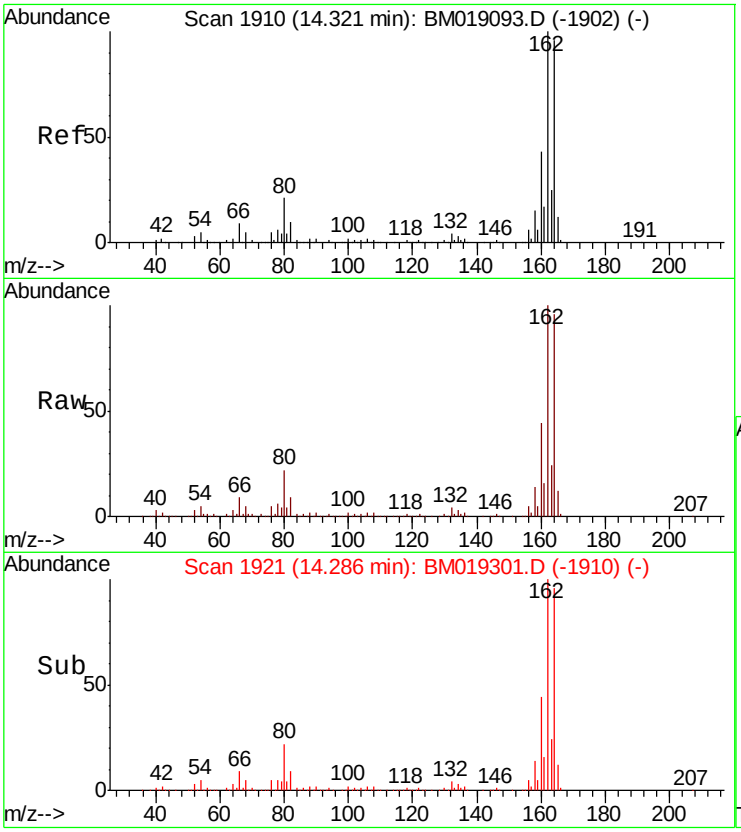


#23
Nitrobenzene-d5
Concen: 78.629 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.04 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Tgt Ion: 82 Resp: 1549504

Ion	Ratio	Lower	Upper
82	100		
128	39.1	29.4	44.2
54	35.4	29.9	44.9



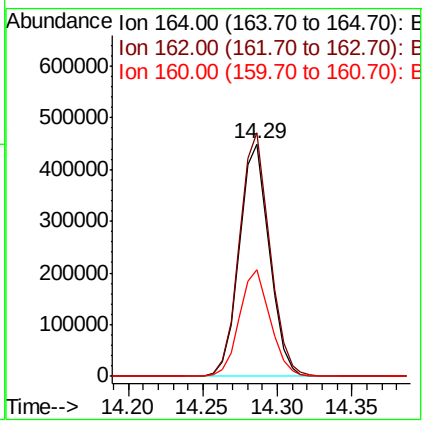


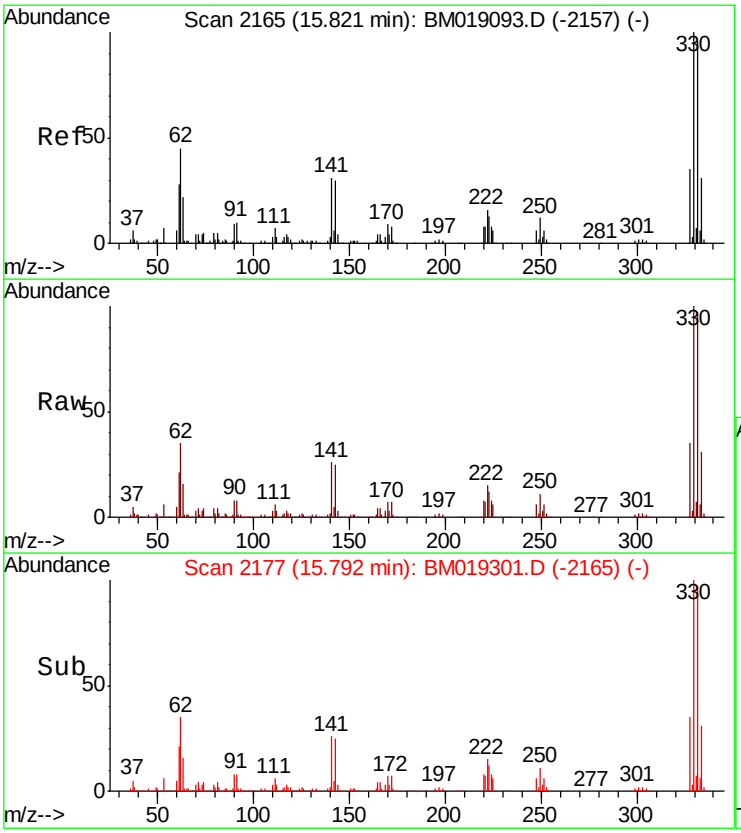
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Instrument :
BNA_M
ClientSampleId :
SB-19(13-14)

Tgt Ion:164 Resp: 625772

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.5	125.3
160	46.0	36.3	54.5

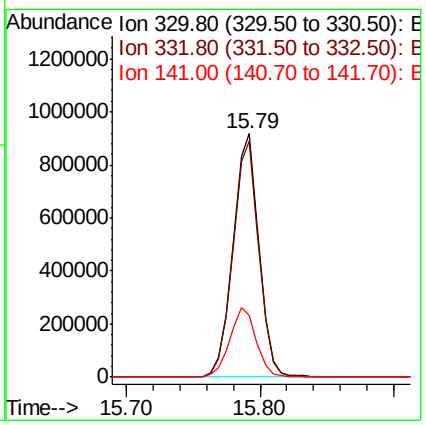


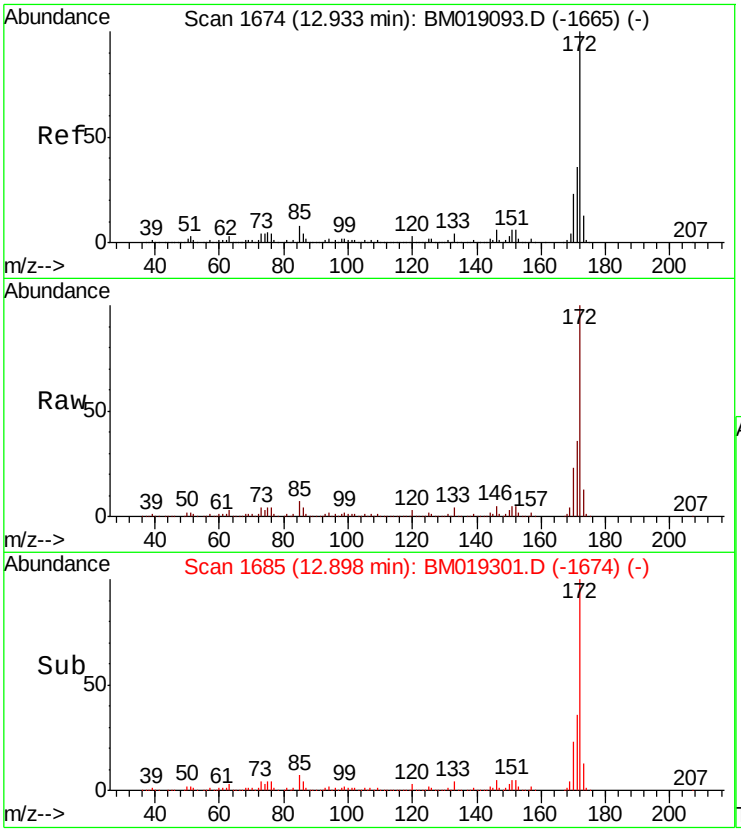


#42
2,4,6-Tribromophenol
Concen: 133.895 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Tgt Ion:330 Resp: 1237095

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.8	115.2
141	29.4	27.0	40.4



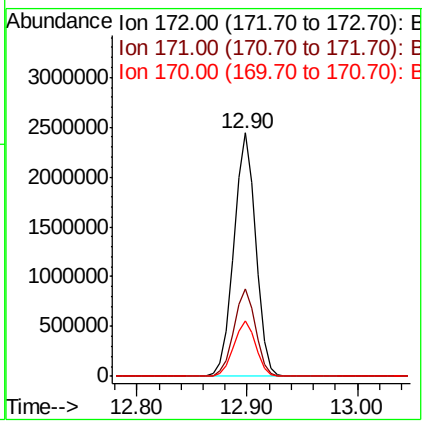


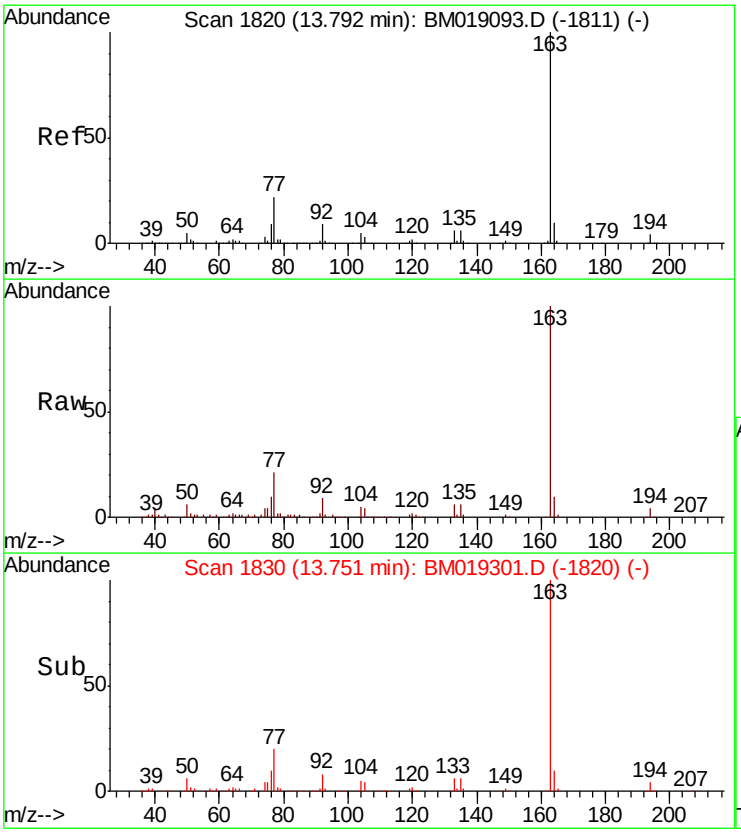
#45
2-Fluorobiphenyl
Concen: 71.108 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.04 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Instrument :
BNA_M
ClientSampleId :
SB-19(13-14)

Tgt Ion:172 Resp: 3420896

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.6	42.8
170	23.0	18.6	28.0

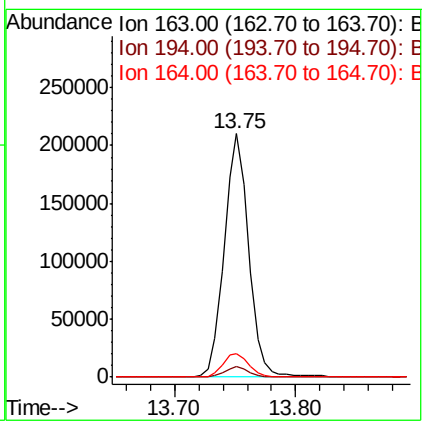


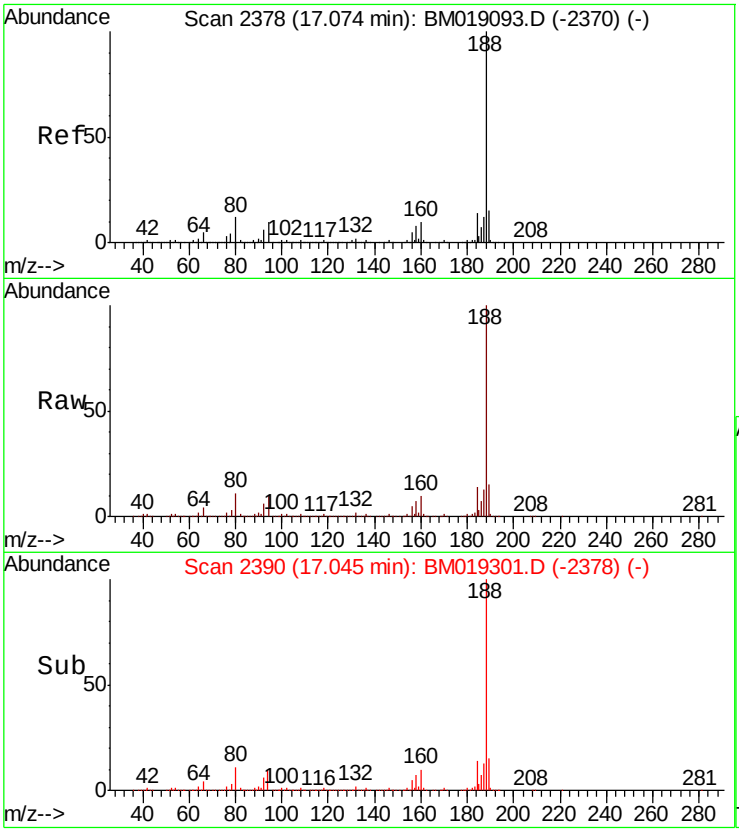


#50
Dimethylphthalate
Concen: 5.495 ng
RT: 13.75 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Tgt Ion:163 Resp: 294184

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	9.8	7.7	11.5



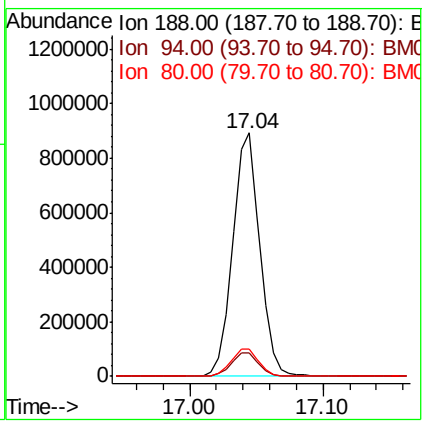


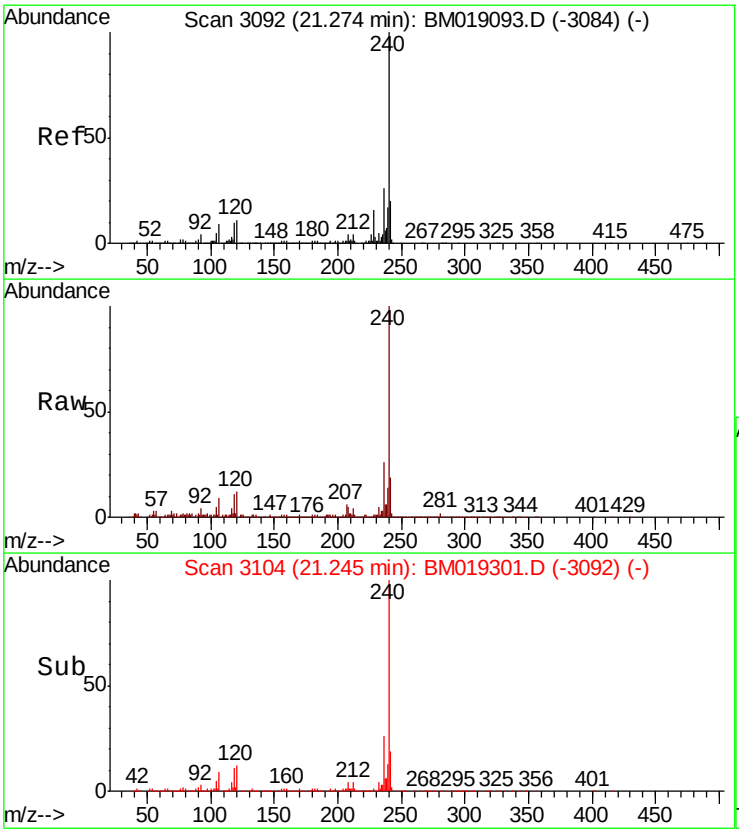
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.03 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Instrument :
BNA_M
ClientSampleId :
SB-19(13-14)

Tgt Ion:188 Resp: 1256002

Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	11.0	9.7	14.5

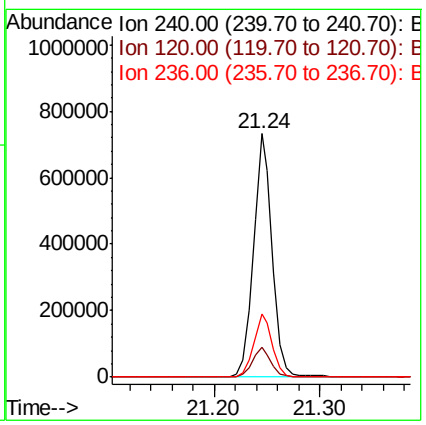


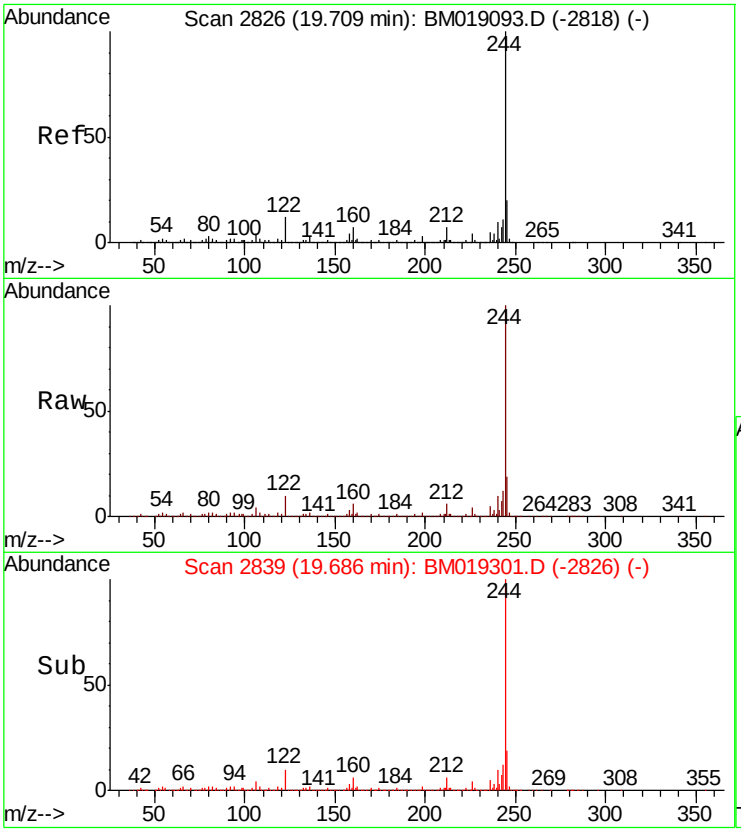


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Tgt Ion:240 Resp: 907555

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.9	13.3
236	25.7	21.0	31.4



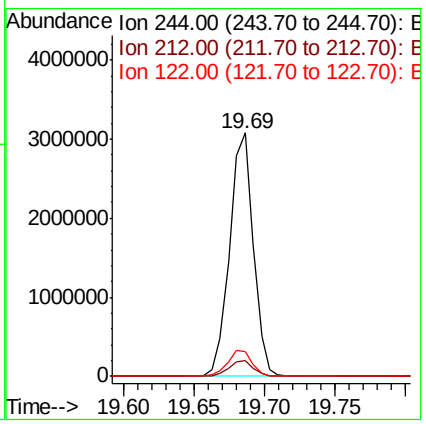


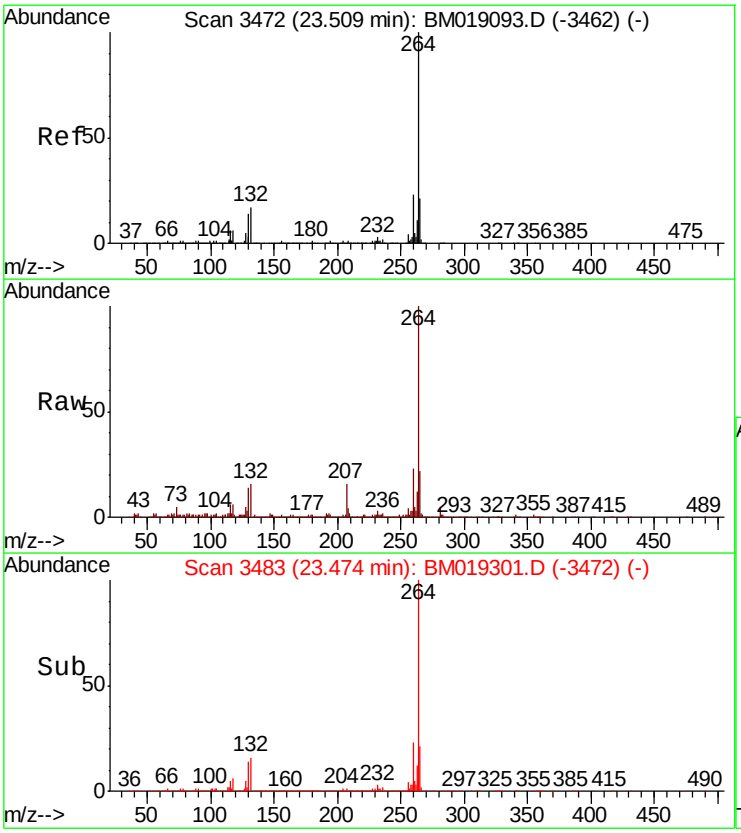
#79
Terphenyl-d14
Concen: 79.093 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Instrument :
BNA_M
ClientSampleId :
SB-19(13-14)

Tgt Ion:244 Resp: 3615805

Ion	Ratio	Lower	Upper
244	100		
212	6.4	5.4	8.2
122	10.3	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3483
Delta R.T. -0.04 min
Lab File: BM019301.D
Acq: 21 Mar 2019 21:33

Tgt Ion:264 Resp: 959039

Ion	Ratio	Lower	Upper
264	100		
260	23.1	18.6	28.0
265	21.9	17.3	25.9