Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
Data File : BM019300.D
Acq On : 21 Mar 2019 20:57
Operator : JU/SJ
Sample : K2004-10
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-22(12-13)

Quant Time: Mar 22 04:44:47 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	172858	20.00	ng	-0.04
21) Naphthalene-d8	10.41	136	747235	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	481989	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	1030668	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	793325	20.00	ng	-0.03
87) Perylene-d12	23.47	264	761228	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1561123	146.26	ng	-0.02
7) Phenol-d6	6.82	99	2402049	153.85	ng	-0.03
23) Nitrobenzene-d5	8.80	82	1381255	87.38	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	1107241	155.59	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	3276147	88.41	ng	-0.04
79) Terphenyl-d14	19.69	244	4091089	102.38	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.84	94	58583	3.482	ng	94
50) Dimethylphthalate	13.75	163	240609	5.836	ng	99

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

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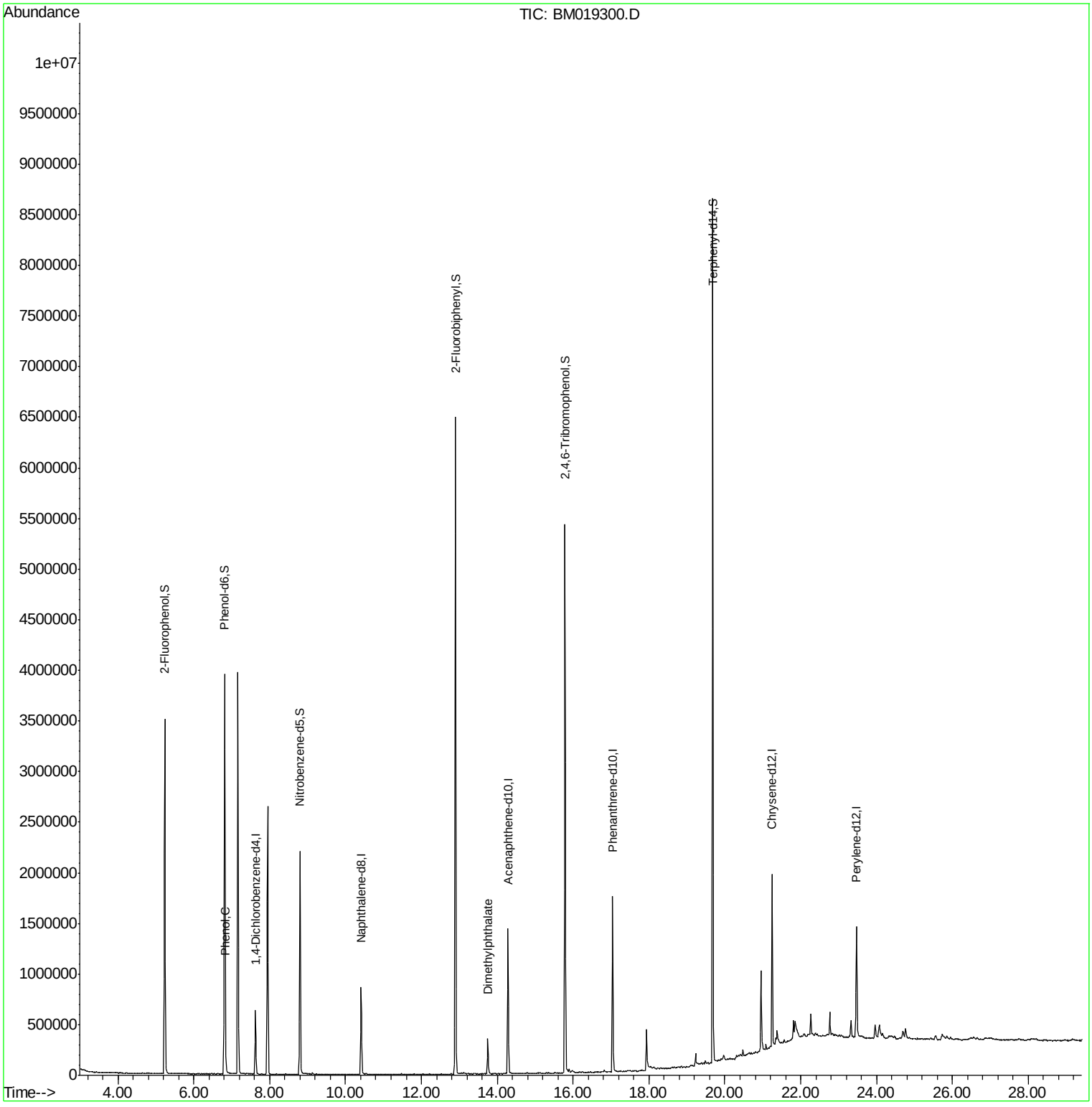
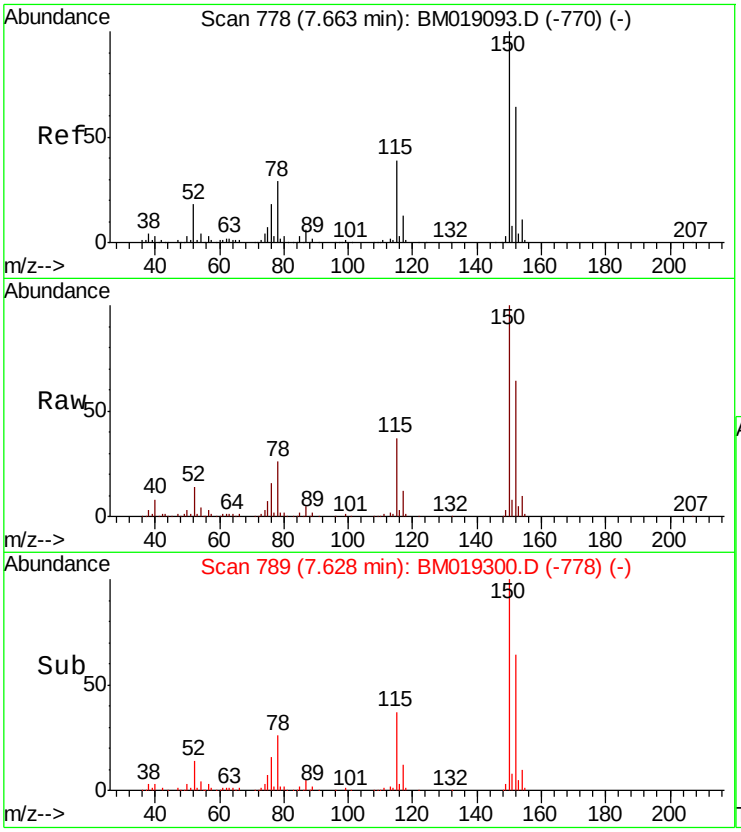


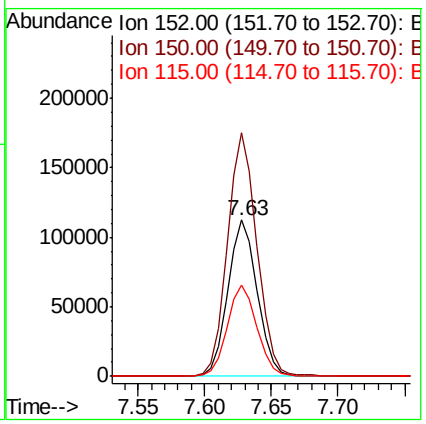


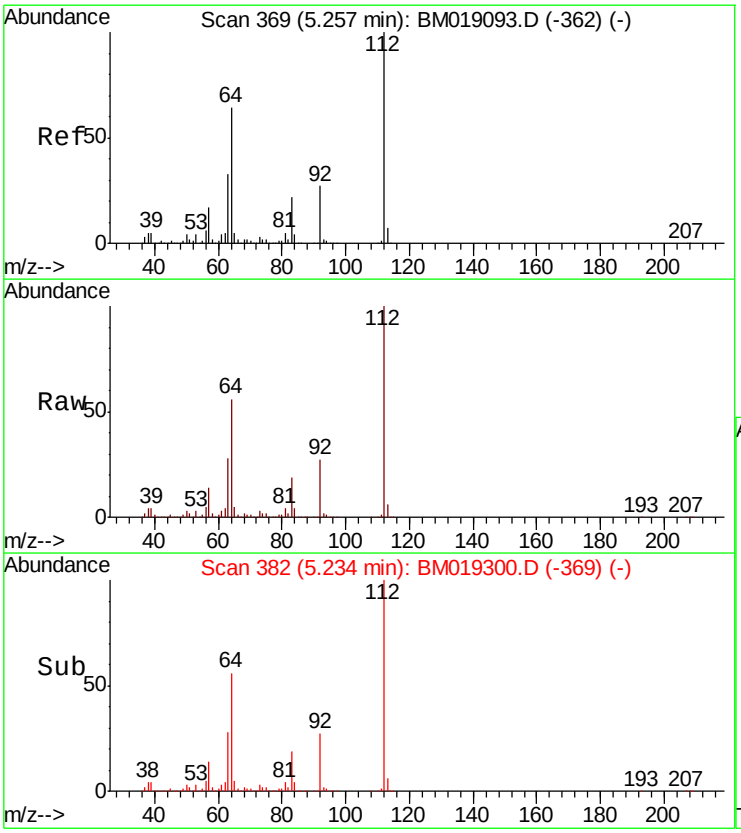
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM019300.D
Acq: 21 Mar 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SB-22(12-13)

Tgt Ion:152 Resp: 172858

Ion	Ratio	Lower	Upper
152	100		
150	155.9	125.3	187.9
115	58.1	49.4	74.0

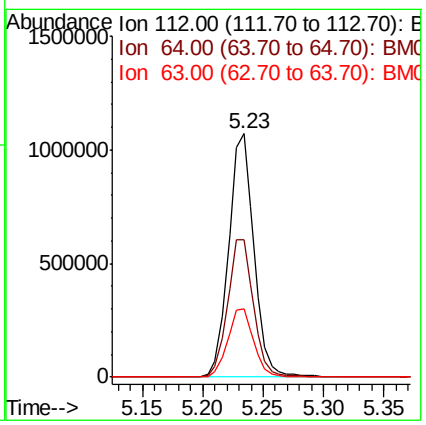


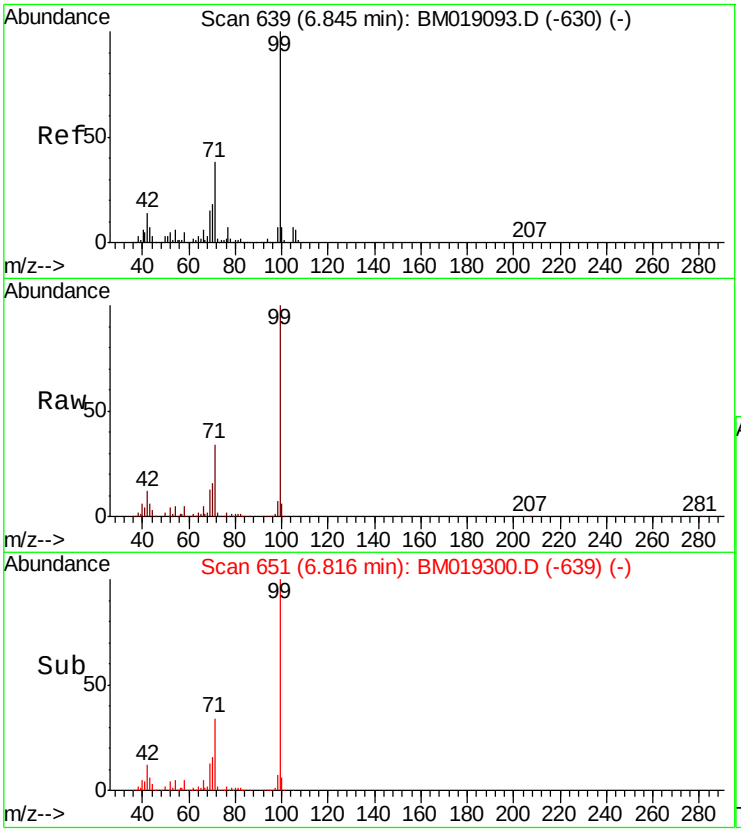


#5
2-Fluorophenol
Concen: 146.259 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM019300.D
Acq: 21 Mar 2019 20:57

Tgt Ion:112 Resp: 1561123

Ion	Ratio	Lower	Upper
112	100		
64	56.3	51.4	77.0
63	28.2	26.6	40.0



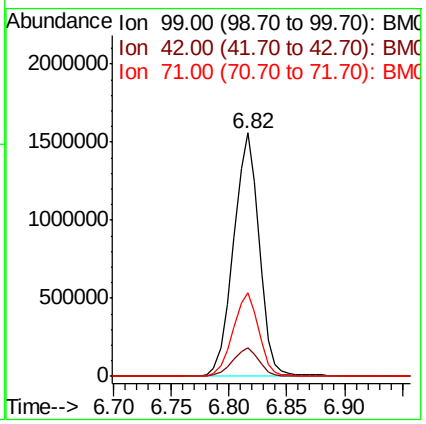


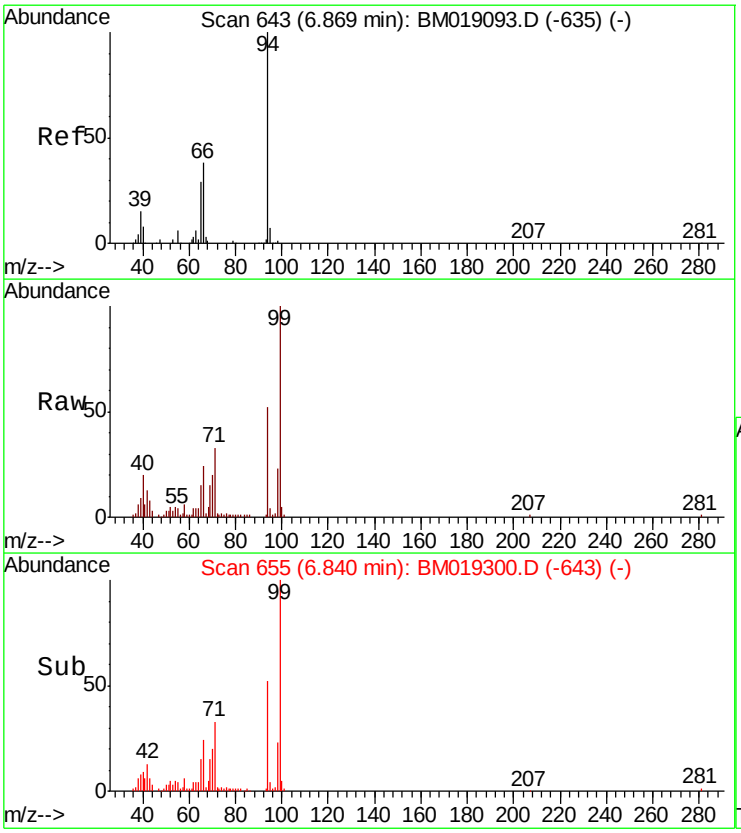
#7
Phenol-d6
Concen: 153.854 ng
RT: 6.82 min Scan# 651
Delta R.T. -0.03 min
Lab File: BM019300.D
Acq: 21 Mar 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SB-22(12-13)

Tgt Ion: 99 Resp: 2402049

Ion	Ratio	Lower	Upper
99	100		
42	11.8	10.9	16.3
71	34.3	30.3	45.5

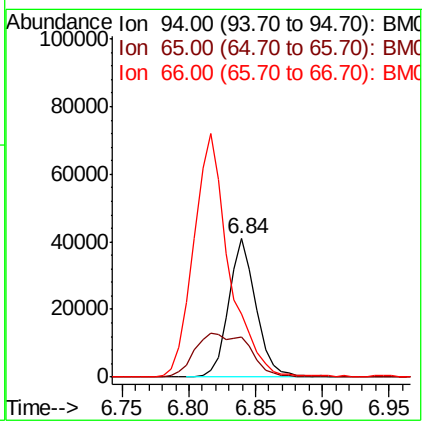


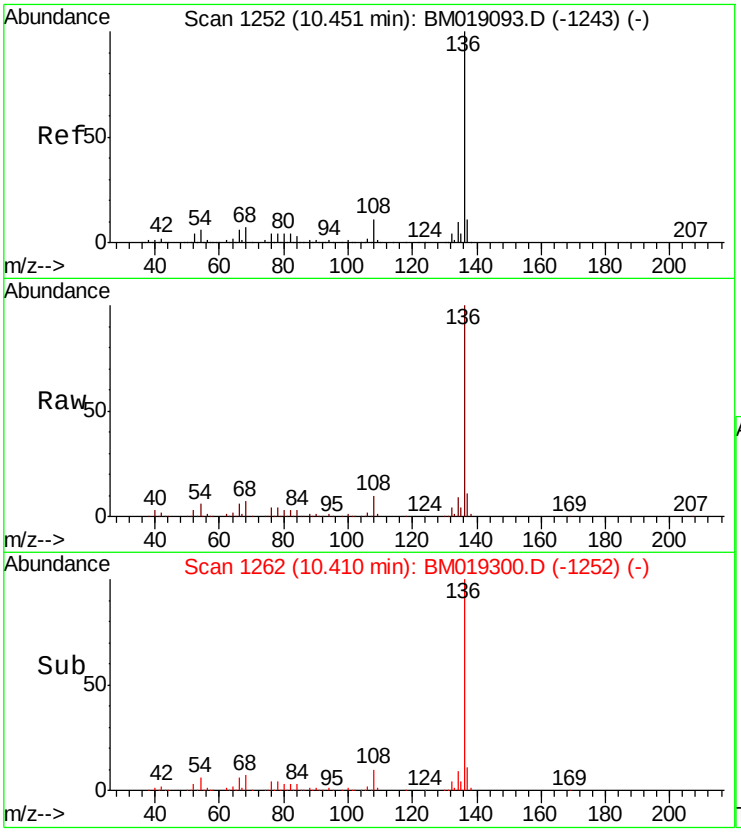


#10
Phenol
Concen: 3.482 ng
RT: 6.84 min Scan# 655
Delta R.T. -0.03 min
Lab File: BM019300.D
Acq: 21 Mar 2019 20:57

Tgt Ion: 94 Resp: 58583

Ion	Ratio	Lower	Upper
94	100		
65	29.2	9.7	49.7
66	45.4	19.2	59.2



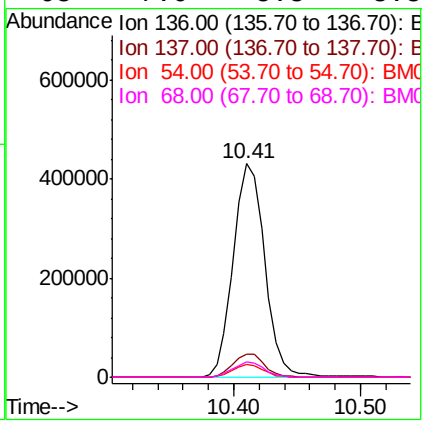


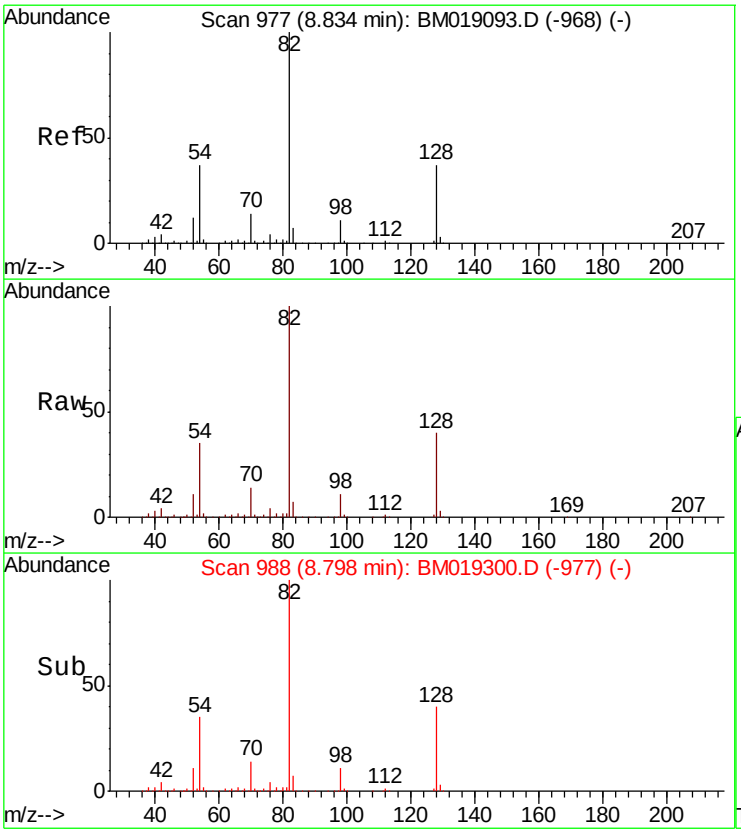
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM019300.D
Acq: 21 Mar 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SB-22(12-13)

Tgt Ion:136 Resp: 747235

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	5.9	5.2	7.8
68	7.0	5.8	8.8

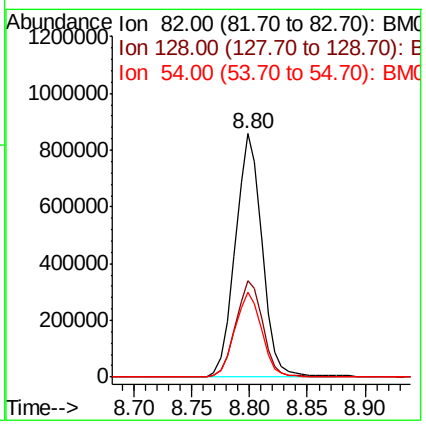


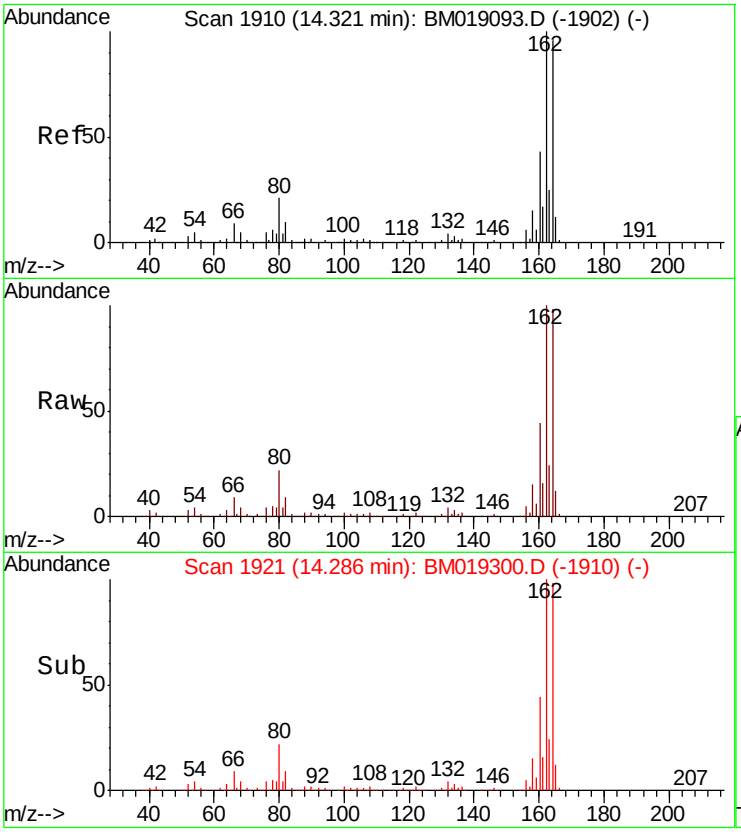


#23
Nitrobenzene-d5
Concen: 87.378 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.04 min
Lab File: BM019300.D
Acq: 21 Mar 2019 20:57

Tgt Ion: 82 Resp: 1381255

Ion	Ratio	Lower	Upper
82	100		
128	39.7	29.4	44.2
54	35.0	29.9	44.9



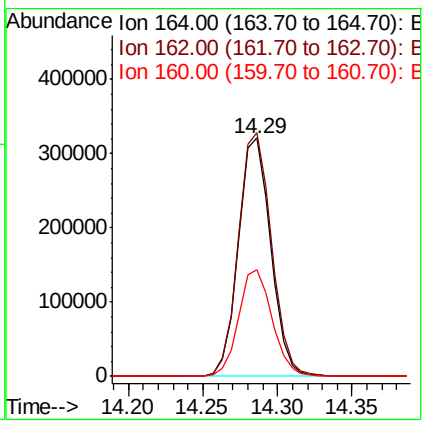


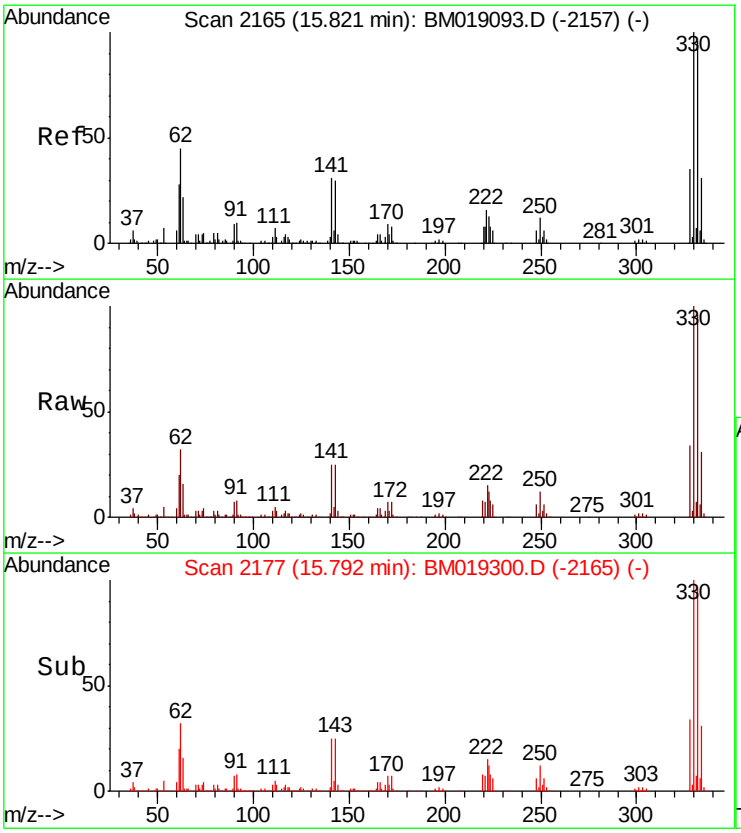
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BM019300.D
Acq: 21 Mar 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SB-22(12-13)

Tgt Ion:164 Resp: 481989

Ion	Ratio	Lower	Upper
164	100		
162	102.4	83.5	125.3
160	44.9	36.3	54.5

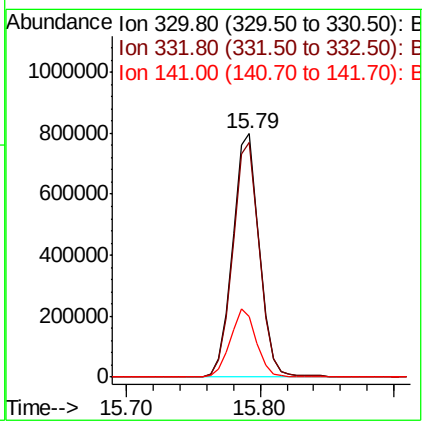


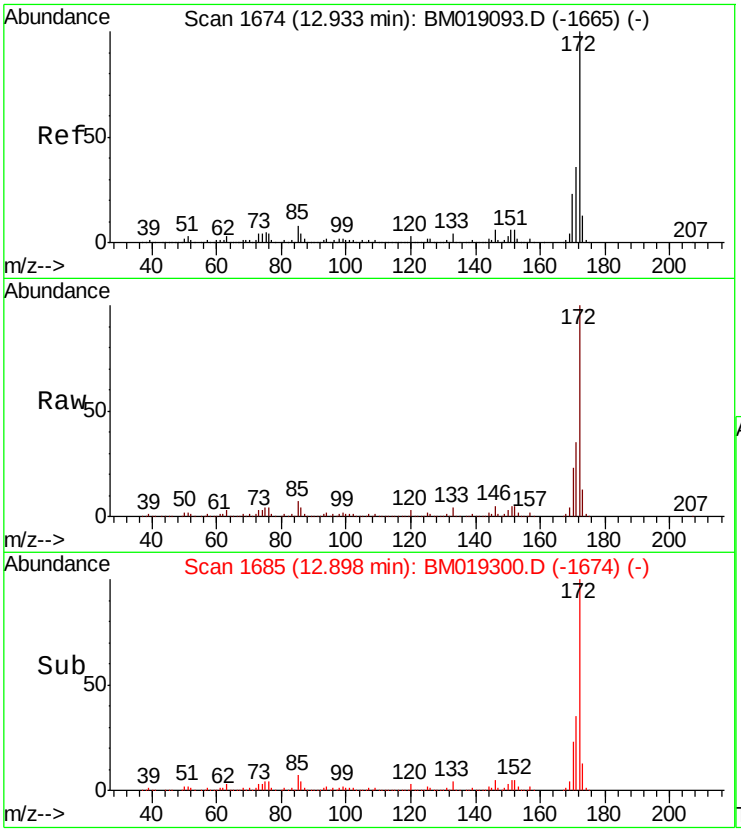


#42
2,4,6-Tribromophenol
Concen: 155.590 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BM019300.D
Acq: 21 Mar 2019 20:57

Tgt Ion:330 Resp: 1107241

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	27.7	27.0	40.4



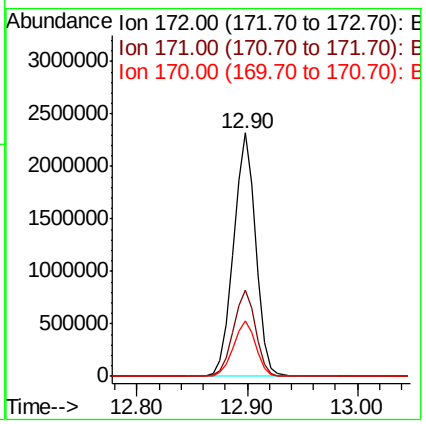


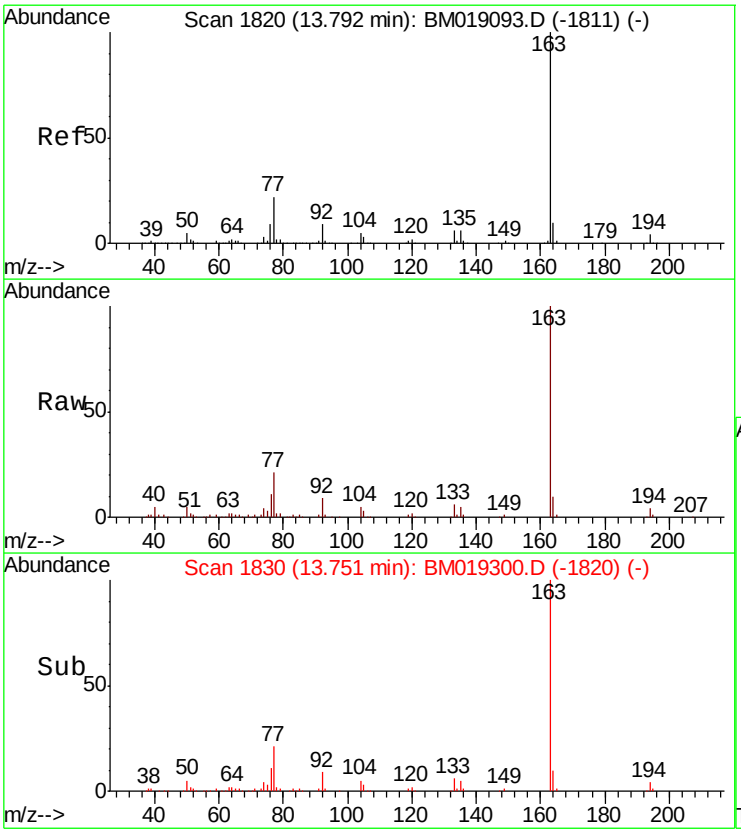
#45
2-Fluorobiphenyl
Concen: 88.415 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.04 min
Lab File: BM019300.D
Acq: 21 Mar 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SB-22(12-13)

Tgt Ion:172 Resp: 3276147

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	22.9	18.6	28.0

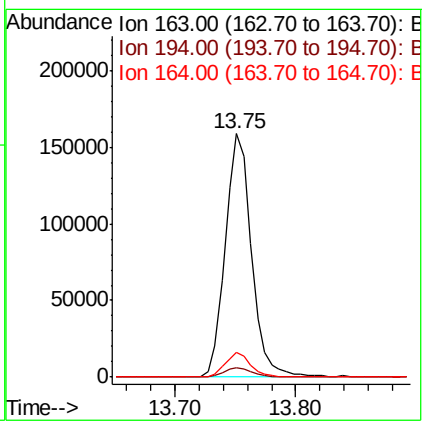


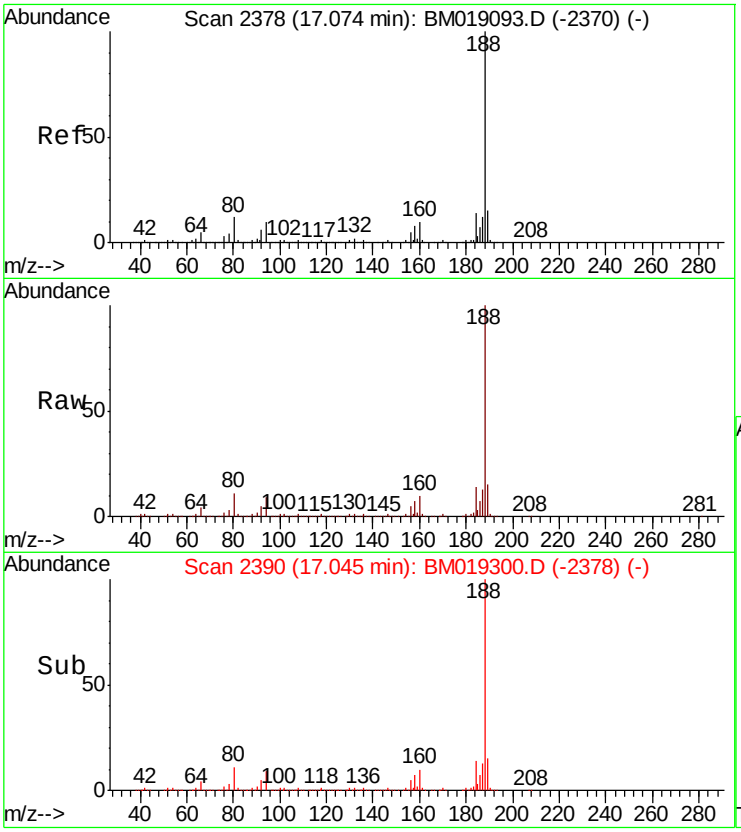


#50
Dimethylphthalate
Concen: 5.836 ng
RT: 13.75 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BM019300.D
Acq: 21 Mar 2019 20:57

Tgt Ion:163 Resp: 240609

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.3	4.9
164	10.1	7.7	11.5



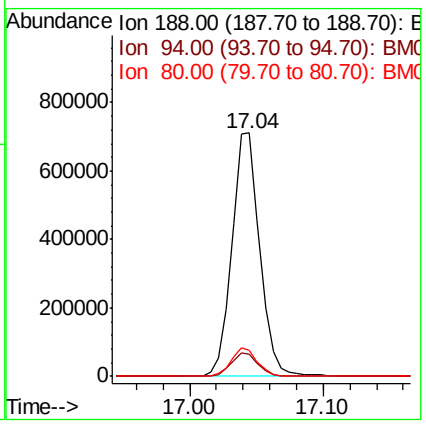


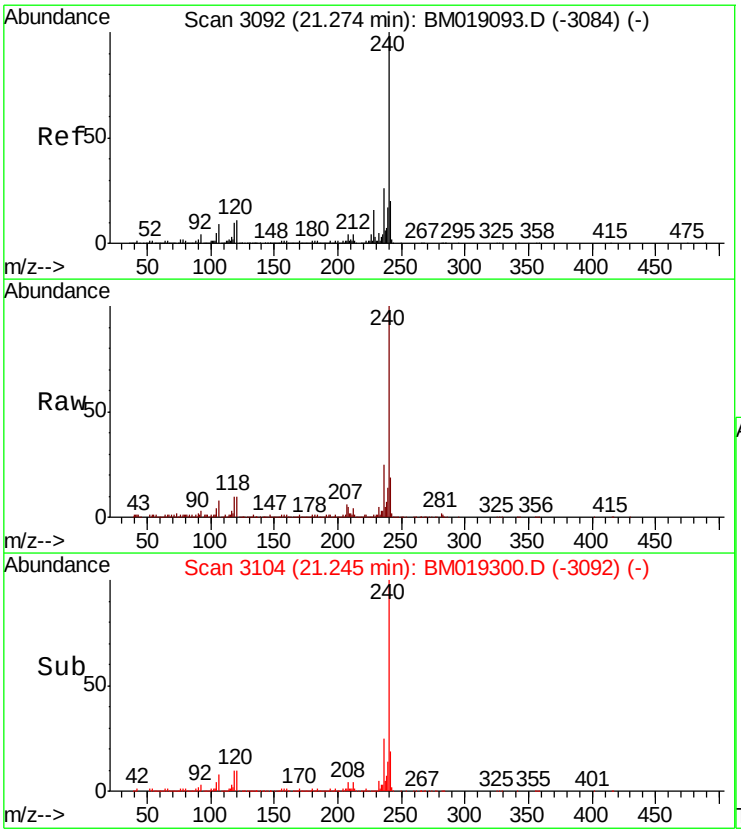
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.03 min
Lab File: BM019300.D
Acq: 21 Mar 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SB-22(12-13)

Tgt Ion:188 Resp: 1030668

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.1	12.1
80	10.6	9.7	14.5

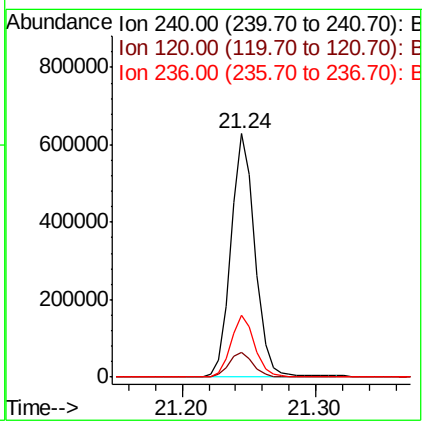


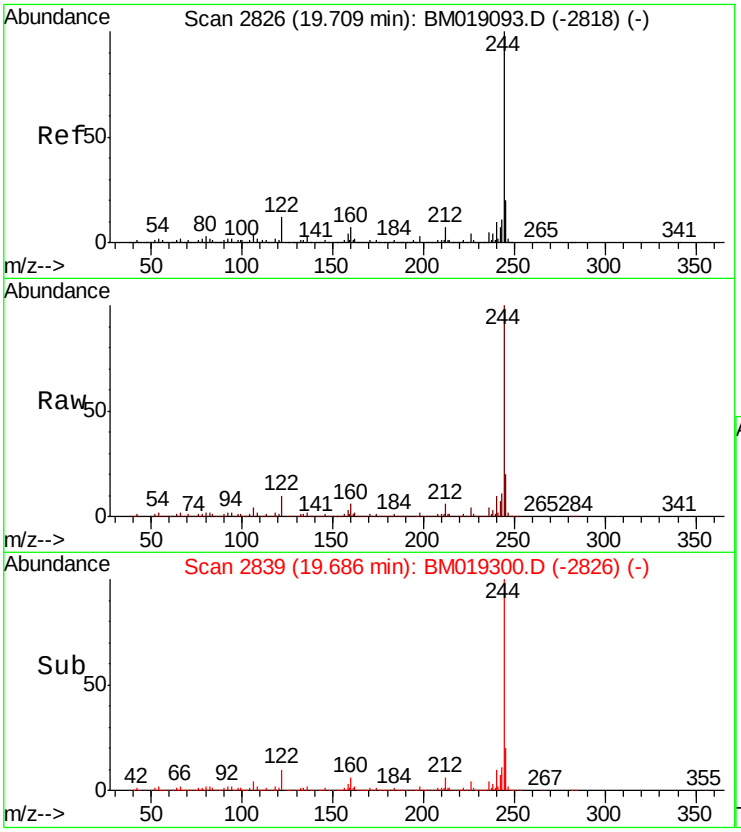


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BM019300.D
Acq: 21 Mar 2019 20:57

Tgt Ion:240 Resp: 793325

Ion	Ratio	Lower	Upper
240	100		
120	10.3	8.9	13.3
236	25.2	21.0	31.4



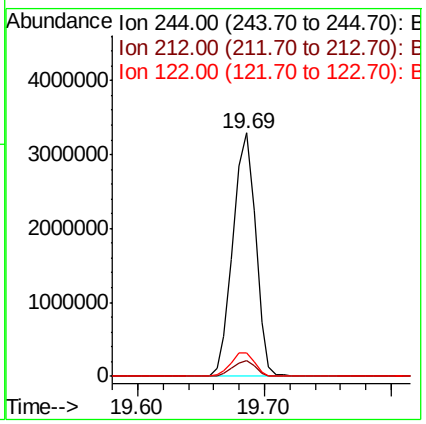


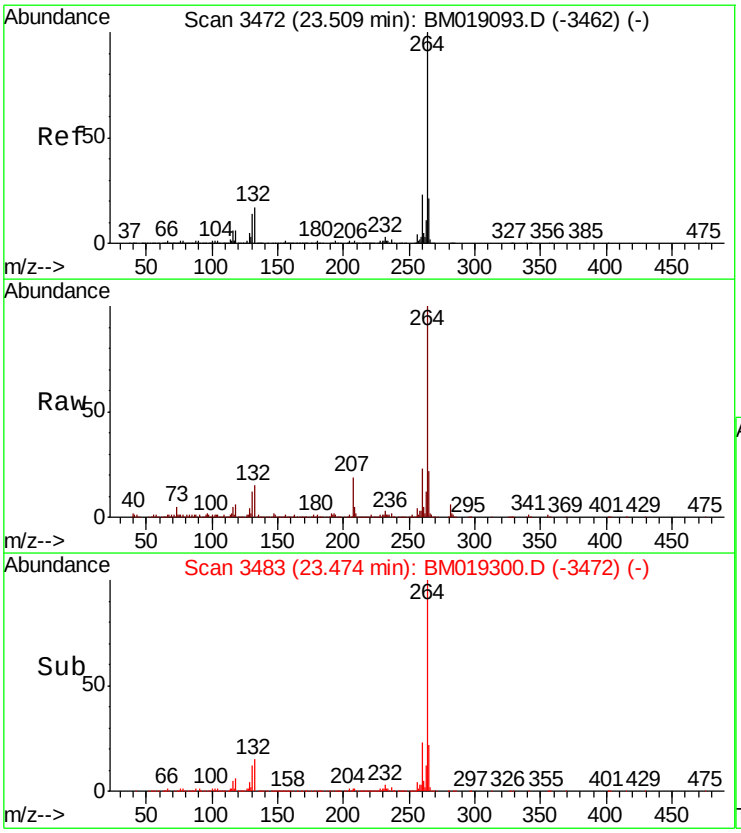
#79
Terphenyl-d14
Concen: 102.376 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BM019300.D
Acq: 21 Mar 2019 20:57

Instrument :
BNA_M
ClientSampleId :
SB-22(12-13)

Tgt Ion:244 Resp: 4091089

Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.2
122	9.9	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: BM019300.D
Acq: 21 Mar 2019 20:57

Tgt Ion:264 Resp: 761228

Ion	Ratio	Lower	Upper
264	100		
260	23.0	18.6	28.0
265	22.3	17.3	25.9