Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031519\
Data File : BM019201.D
Acq On : 16 Mar 2019 00:11
Operator : JU/SJ
Sample : K1922-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : ORG-031419

Quant Time: Mar 16 01:39:11 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	7.65	152	189538	20.00	ng	-0.01
21) Naphthalene-d8	10.44	136	816138	20.00	ng	-0.01
39) Acenaphthene-d10	14.30	164	531265	20.00	ng	-0.02
64) Phenanthrene-d10	17.06	188	1178872	20.00	ng	-0.01
76) Chrysene-d12	21.26	240	922624	20.00	ng	-0.01
87) Perylene-d12	23.50	264	817796	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	1410720	120.54	ng	0.00
7) Phenol-d6	6.83	99	1771167	103.46	ng	-0.01
23) Nitrobenzene-d5	8.82	82	1549047	89.72	ng	-0.01
42) 2,4,6-Tribromophenol	15.81	330	1090959	139.08	ng	-0.01
45) 2-Fluorobiphenyl	12.92	172	3484703	85.32	ng	-0.01
79) Terphenyl-d14	19.70	244	5694503	122.53	ng	0.00
Target Compounds						Qvalue

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

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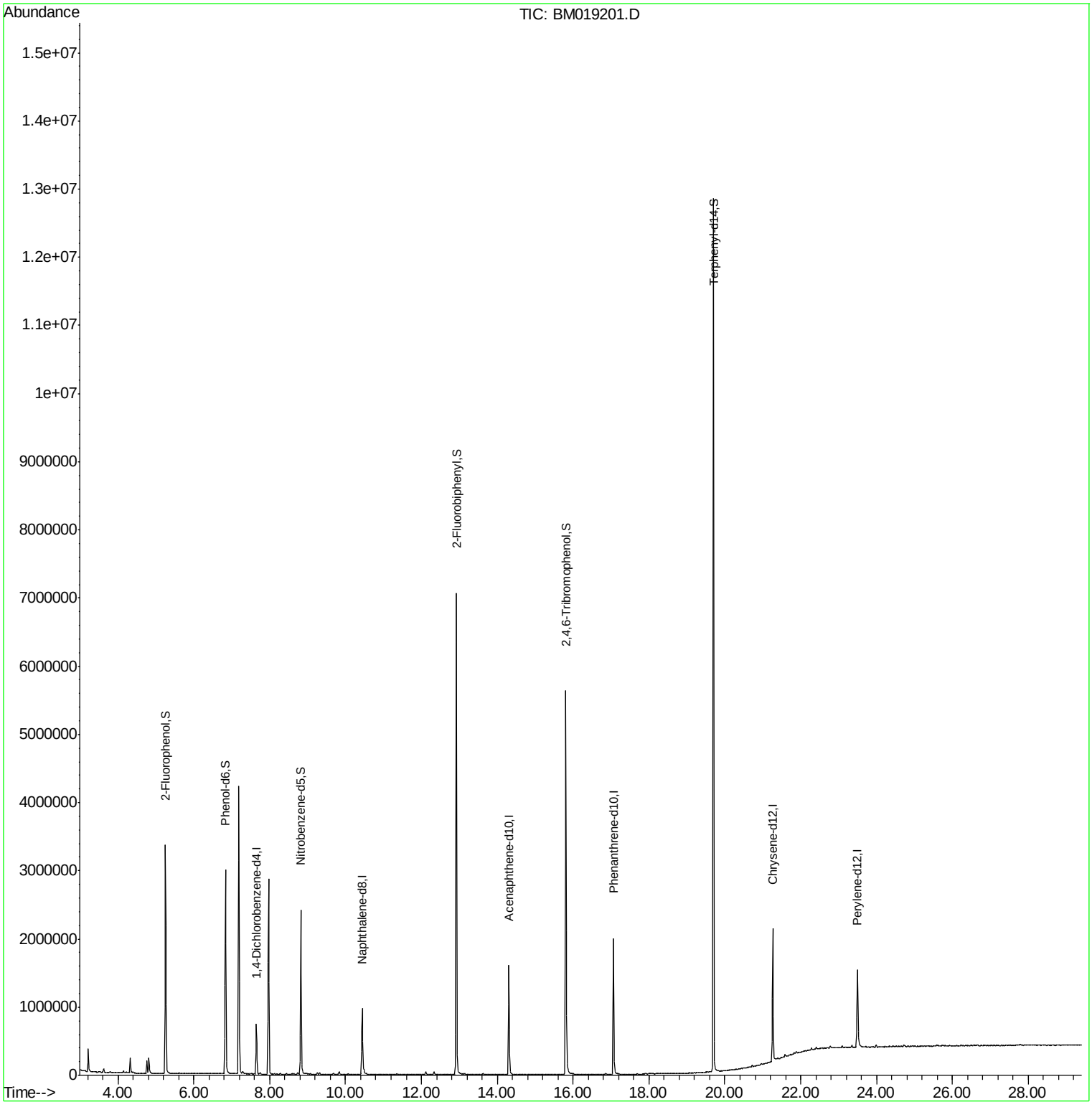
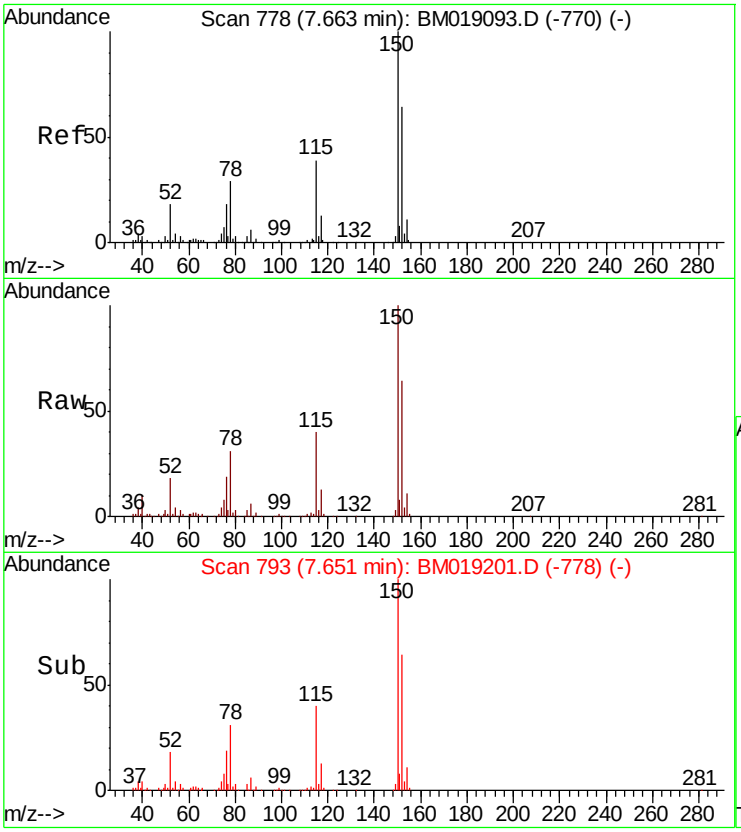


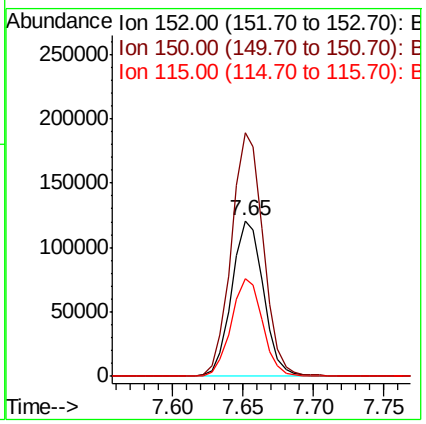


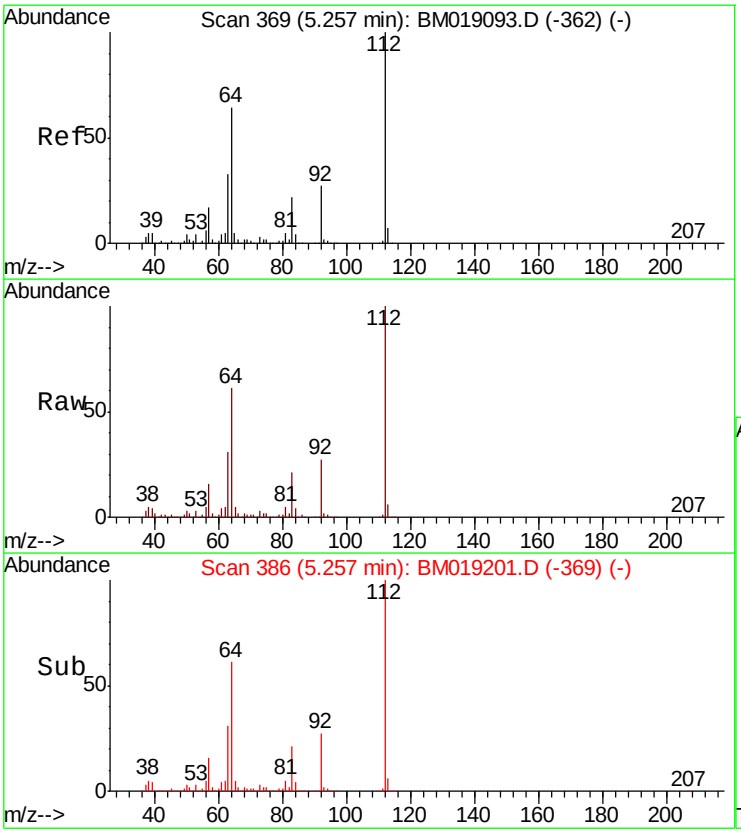
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.65 min Scan# 793
Delta R.T. -0.01 min
Lab File: BM019201.D
Acq: 16 Mar 2019 00:11

Instrument :
BNA_M
ClientSampleId :
ORG-031419

Tgt Ion:152 Resp: 189538

Ion	Ratio	Lower	Upper
152	100		
150	156.8	125.3	187.9
115	63.1	49.4	74.0

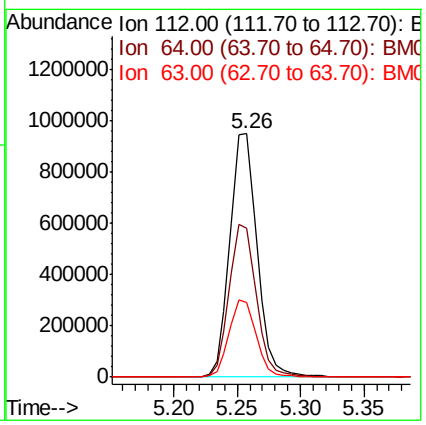


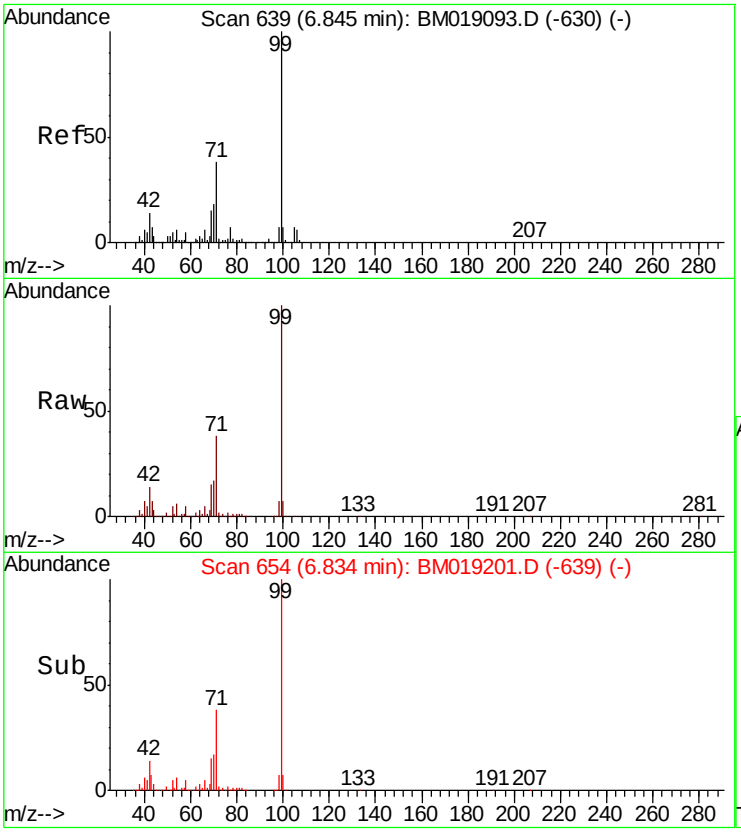


#5
2-Fluorophenol
Concen: 120.537 ng
RT: 5.26 min Scan# 386
Delta R.T. 0.00 min
Lab File: BM019201.D
Acq: 16 Mar 2019 00:11

Tgt Ion:112 Resp: 1410720

Ion	Ratio	Lower	Upper
112	100		
64	61.1	51.4	77.0
63	30.9	26.6	40.0



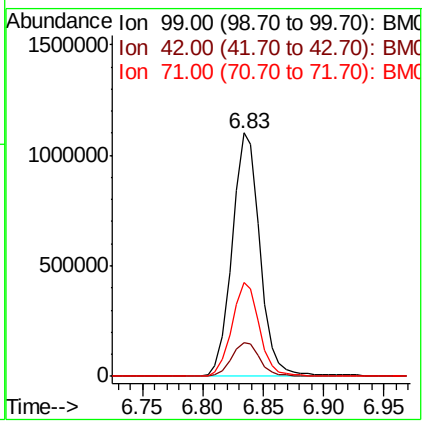


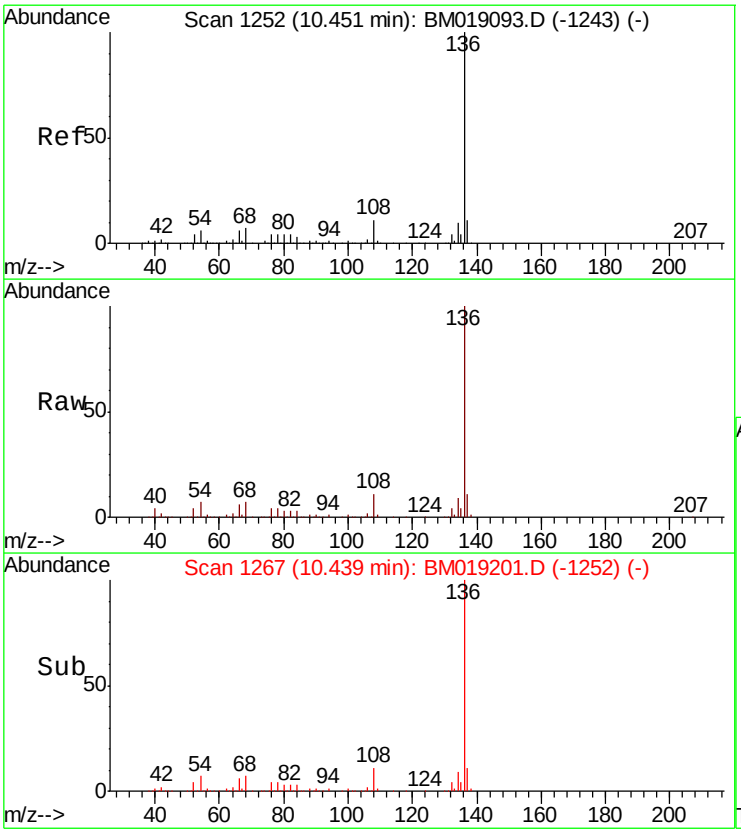
#7
Phenol-d6
Concen: 103.462 ng
RT: 6.83 min Scan# 654
Delta R.T. -0.01 min
Lab File: BM019201.D
Acq: 16 Mar 2019 00:11

Instrument :
BNA_M
ClientSampleId :
ORG-031419

Tgt Ion: 99 Resp: 1771167

Ion	Ratio	Lower	Upper
99	100		
42	14.0	10.9	16.3
71	38.3	30.3	45.5

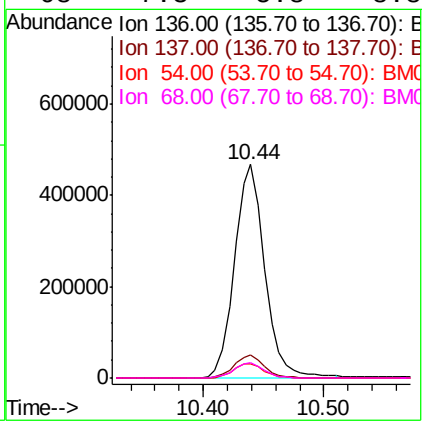


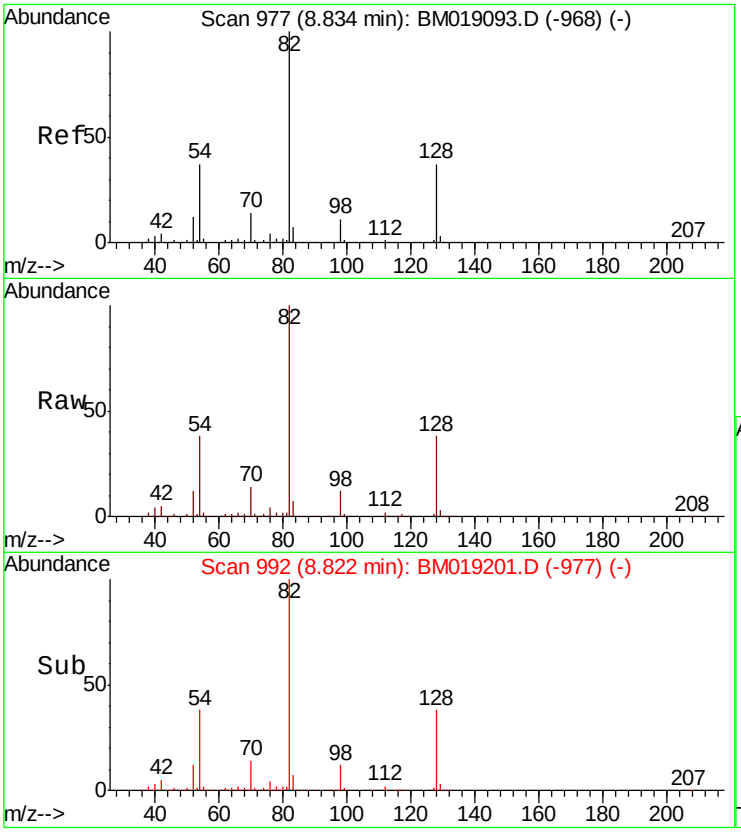


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.44 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM019201.D
Acq: 16 Mar 2019 00:11

Tgt Ion:136 Resp: 816138

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.9	5.2	7.8
68	7.3	5.8	8.8



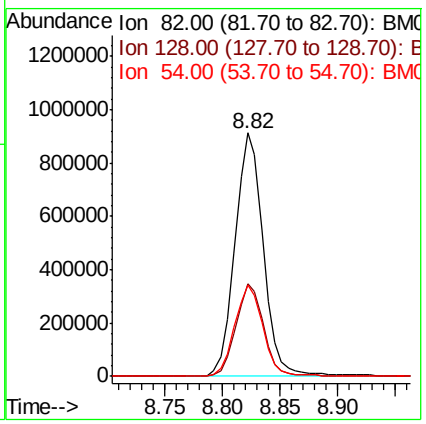


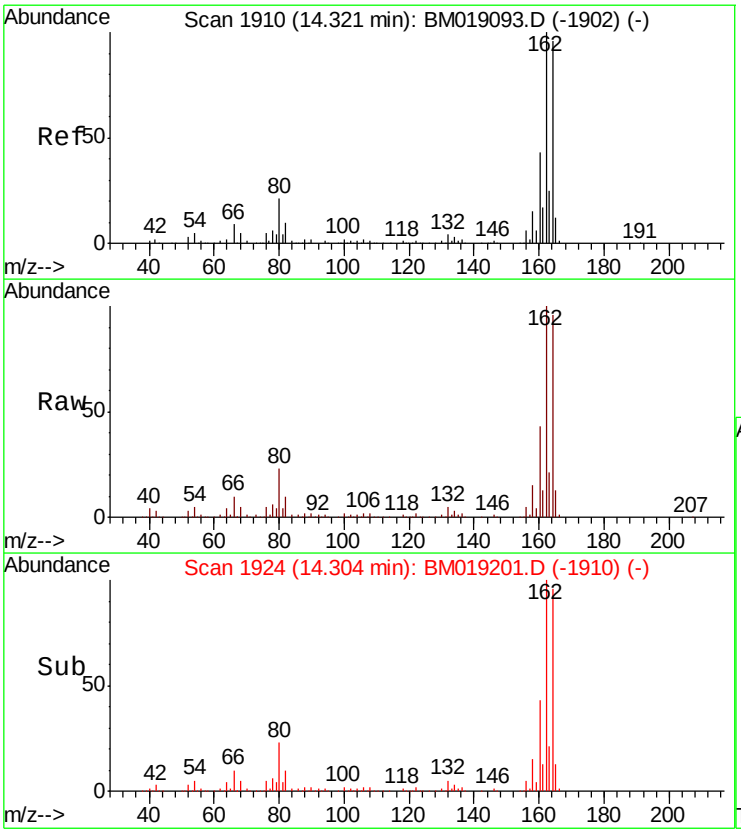
#23
Nitrobenzene-d5
Concen: 89.720 ng
RT: 8.82 min Scan# 992
Delta R.T. -0.01 min
Lab File: BM019201.D
Acq: 16 Mar 2019 00:11

Instrument :
BNA_M
ClientSampleId :
ORG-031419

Tgt Ion: 82 Resp: 1549047

Ion	Ratio	Lower	Upper
82	100		
128	38.1	29.4	44.2
54	37.5	29.9	44.9

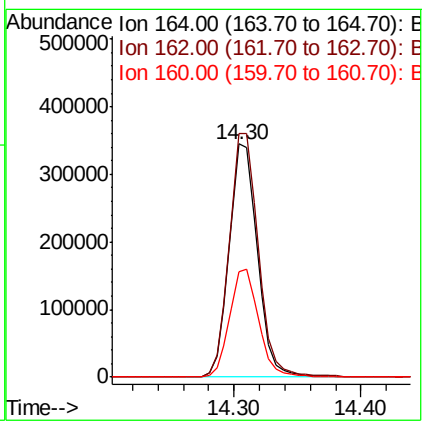


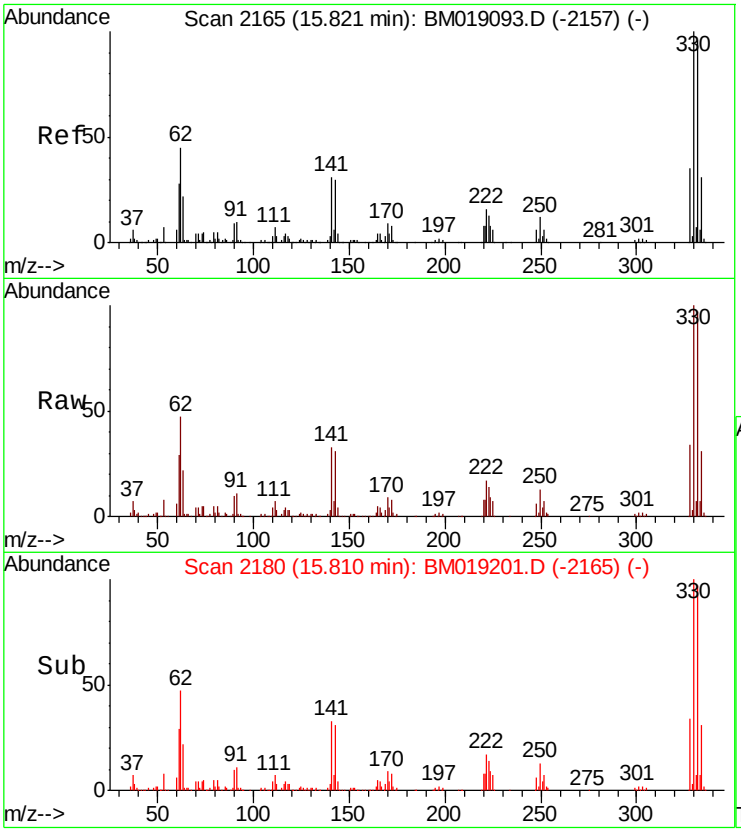


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.30 min Scan# 1924
Delta R.T. -0.02 min
Lab File: BM019201.D
Acq: 16 Mar 2019 00:11

Tgt Ion:164 Resp: 531265

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.5	125.3
160	45.1	36.3	54.5



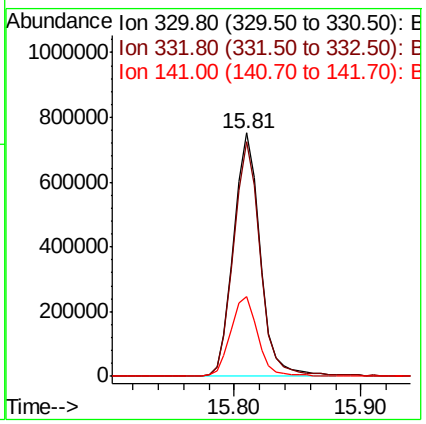


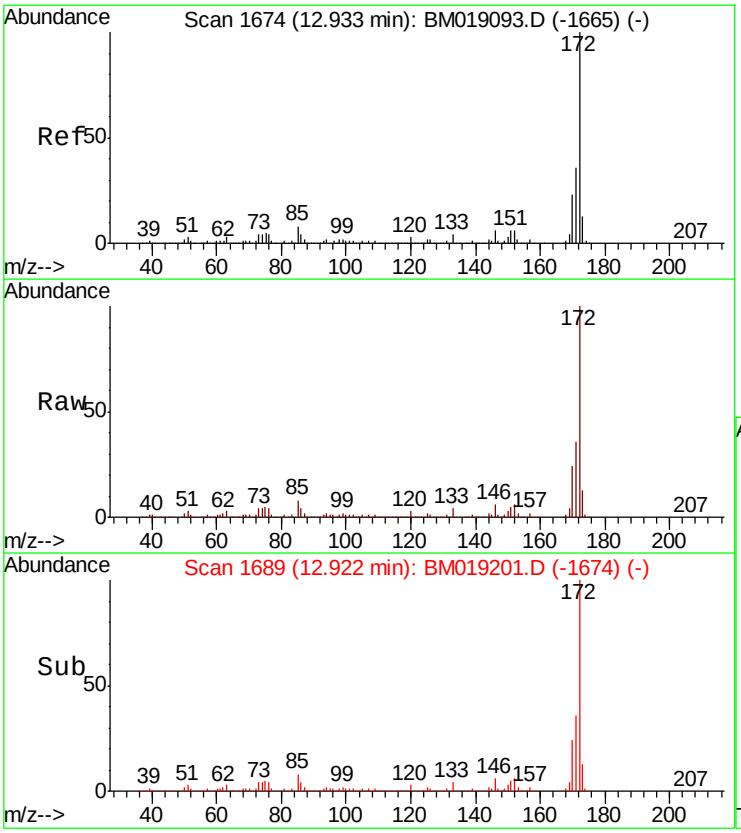
#42
2,4,6-Tribromophenol
Concen: 139.083 ng
RT: 15.81 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BM019201.D
Acq: 16 Mar 2019 00:11

Instrument :
BNA_M
ClientSampleId :
ORG-031419

Tgt Ion:330 Resp: 1090959

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	33.5	27.0	40.4

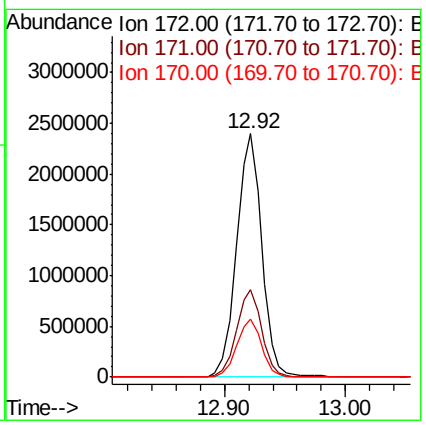


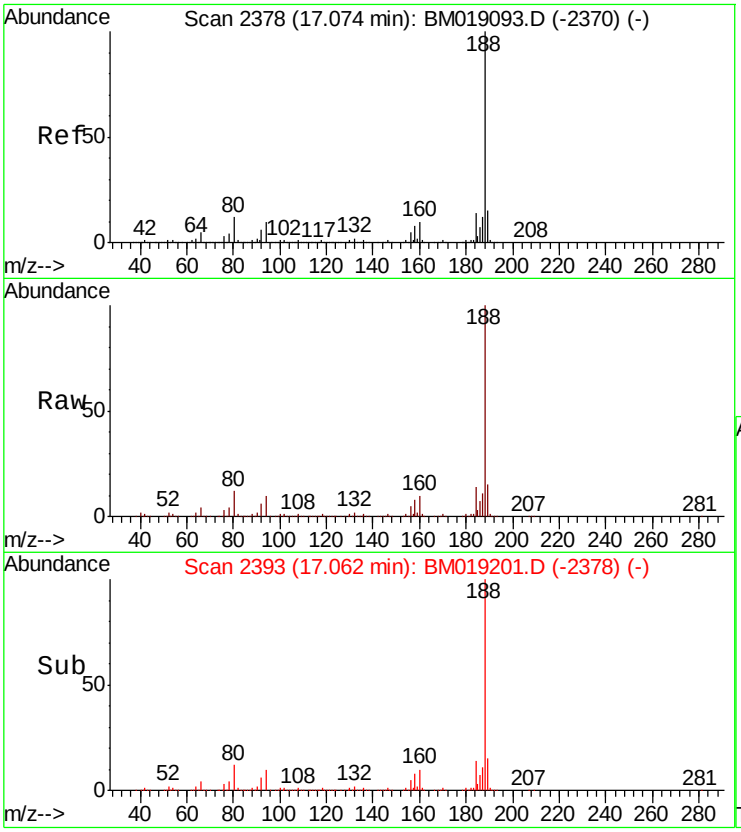


#45
2-Fluorobiphenyl
Concen: 85.320 ng
RT: 12.92 min Scan# 1689
Delta R.T. -0.01 min
Lab File: BM019201.D
Acq: 16 Mar 2019 00:11

Tgt Ion:172 Resp: 3484703

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.9	18.6	28.0



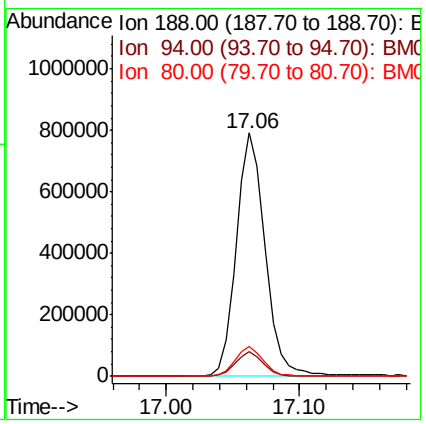


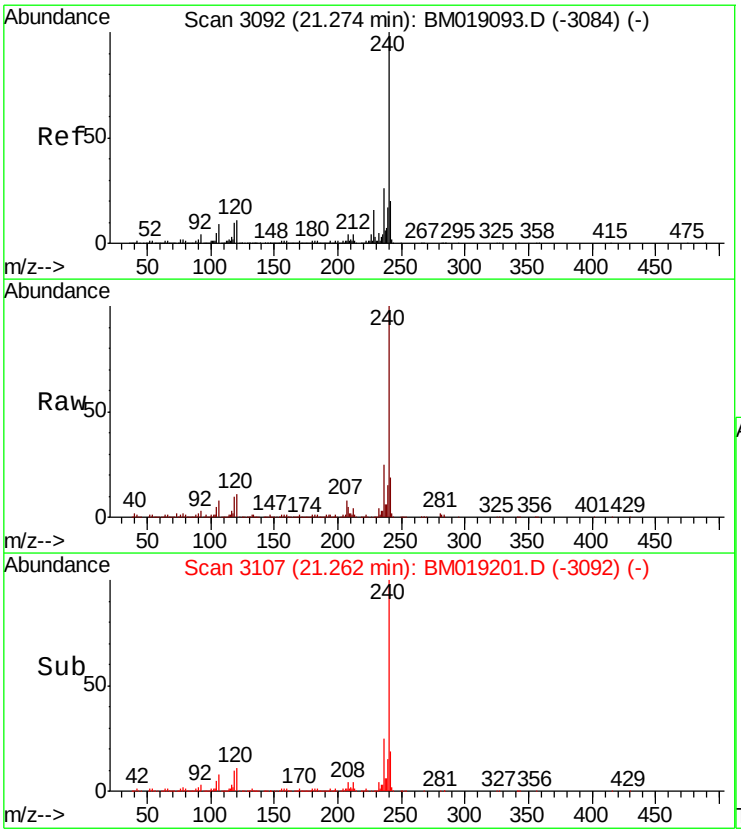
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.06 min Scan# 2393
Delta R.T. -0.01 min
Lab File: BM019201.D
Acq: 16 Mar 2019 00:11

Instrument :
BNA_M
ClientSampleId :
ORG-031419

Tgt Ion:188 Resp: 1178872

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	12.1	9.7	14.5

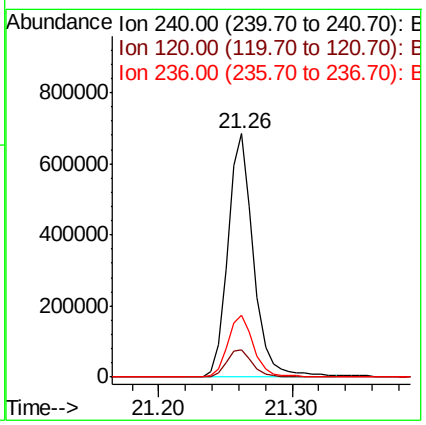


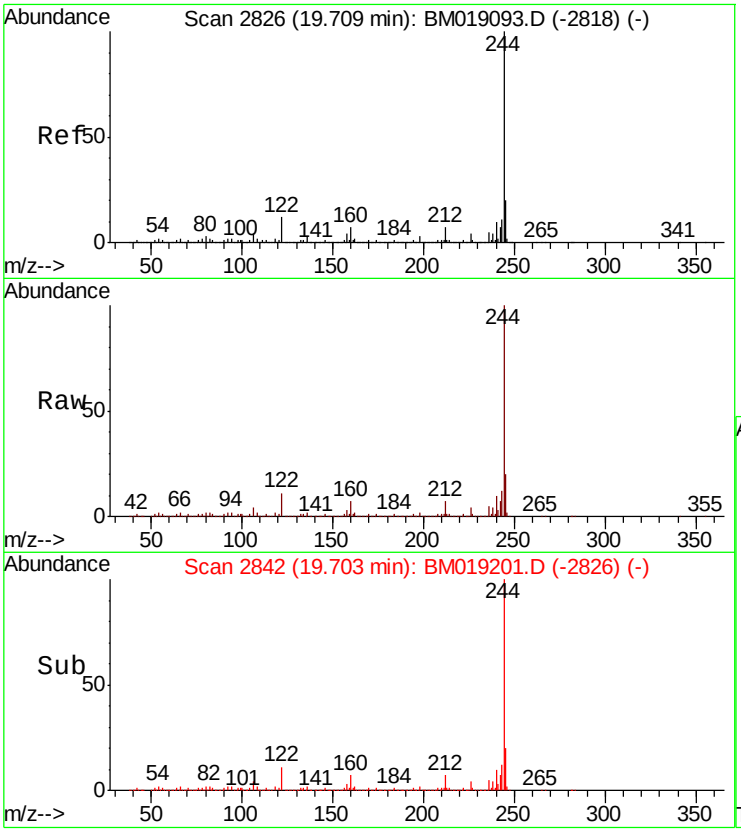


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.26 min Scan# 3107
Delta R.T. -0.01 min
Lab File: BM019201.D
Acq: 16 Mar 2019 00:11

Tgt Ion:240 Resp: 922624

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.5	21.0	31.4



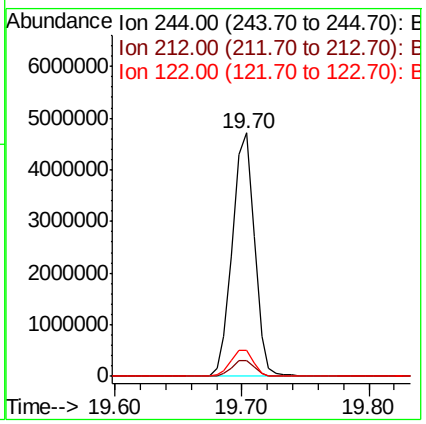


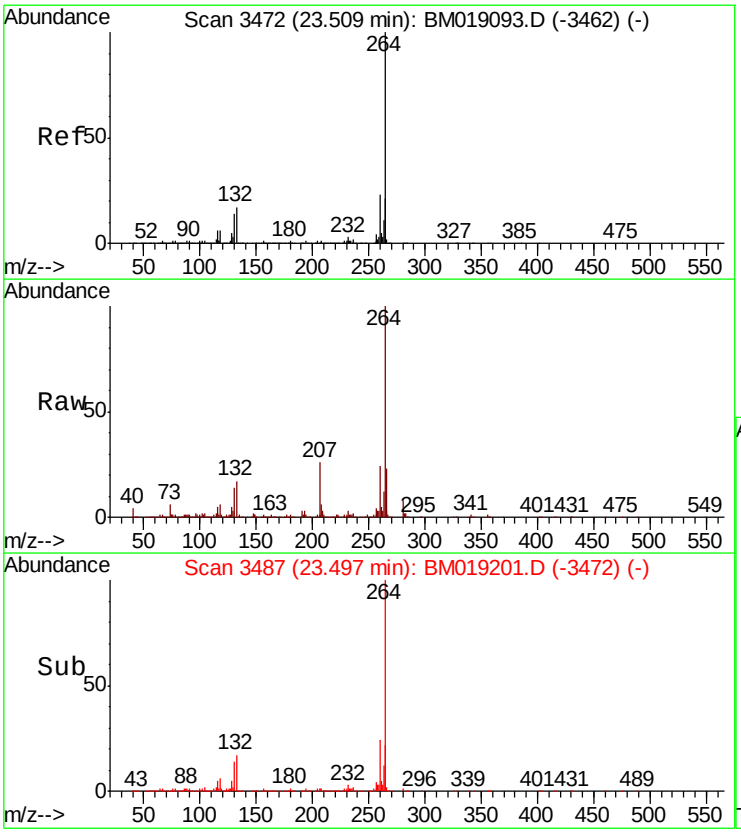
#79
Terphenyl-d14
Concen: 122.529 ng
RT: 19.70 min Scan# 2842
Delta R.T. -0.01 min
Lab File: BM019201.D
Acq: 16 Mar 2019 00:11

Instrument :
BNA_M
ClientSampleId :
ORG-031419

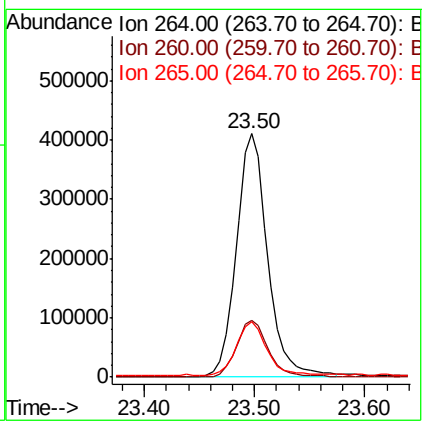
Tgt Ion:244 Resp: 5694503

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.4	8.2
122	10.6	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3487
Delta R.T. -0.01 min
Lab File: BM019201.D
Acq: 16 Mar 2019 00:11

Tgt Ion:264 Resp: 817796

Ion	Ratio	Lower	Upper
264	100		
260	23.6	18.6	28.0
265	22.6	17.3	25.9