Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM031919\
Data File : BM019254.D
Acq On : 20 Mar 2019 05:17
Operator : JU/SJ
Sample : K1948-03
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-026-B034-031319

Quant Time: Mar 20 05:58:55 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	178557	20.00	ng	-0.03
21) Naphthalene-d8	10.42	136	730113	20.00	ng	-0.03
39) Acenaphthene-d10	14.29	164	474138	20.00	ng	-0.03
64) Phenanthrene-d10	17.04	188	1119176	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	1092256	20.00	ng	-0.03
87) Perylene-d12	23.47	264	982658	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.24	112	1736524	157.50	ng	-0.02
7) Phenol-d6	6.82	99	2572586	159.52	ng	-0.02
23) Nitrobenzene-d5	8.80	82	1517168	98.23	ng	-0.03
42) 2,4,6-Tribromophenol	15.79	330	1214152	173.44	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	3410876	93.57	ng	-0.03
79) Terphenyl-d14	19.69	244	5803187	105.48	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.85	94	37712	2.170	ng	85
50) Dimethylphthalate	13.76	163	327061	8.064	ng	99

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

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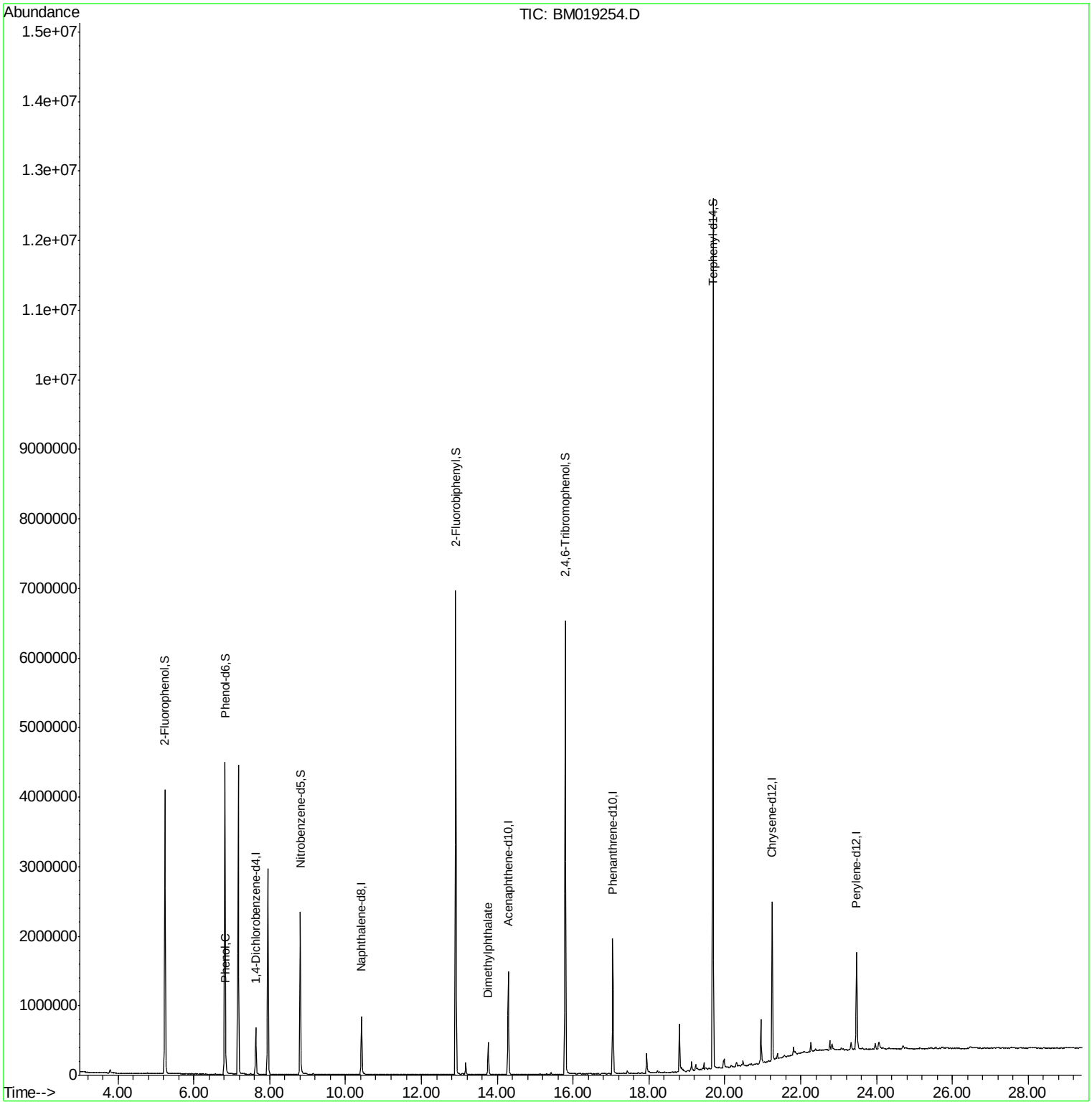
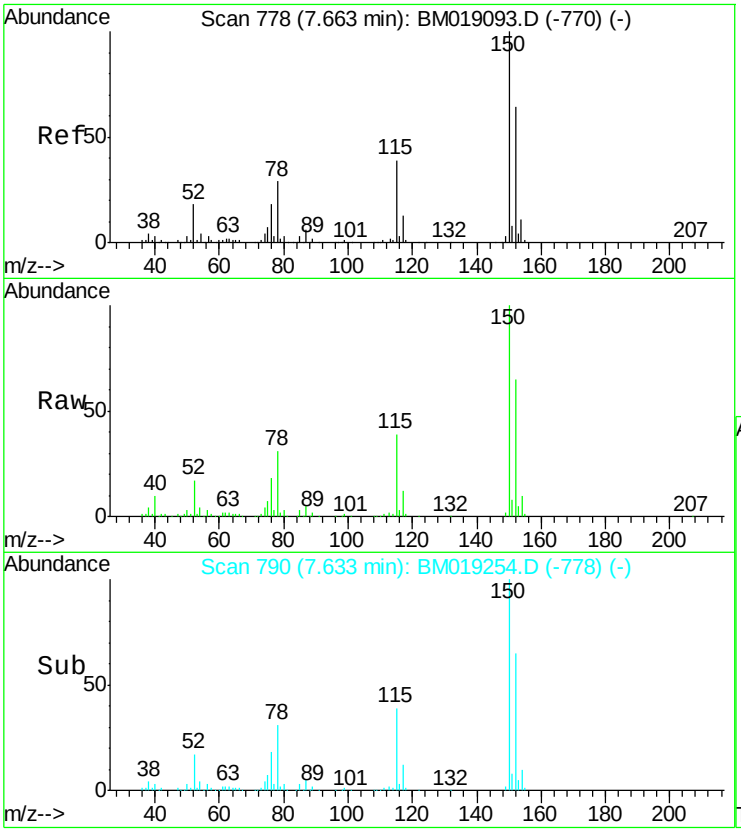


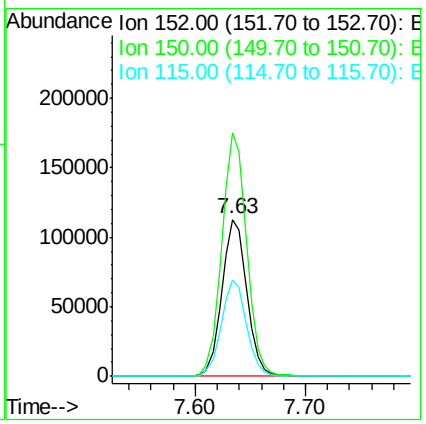


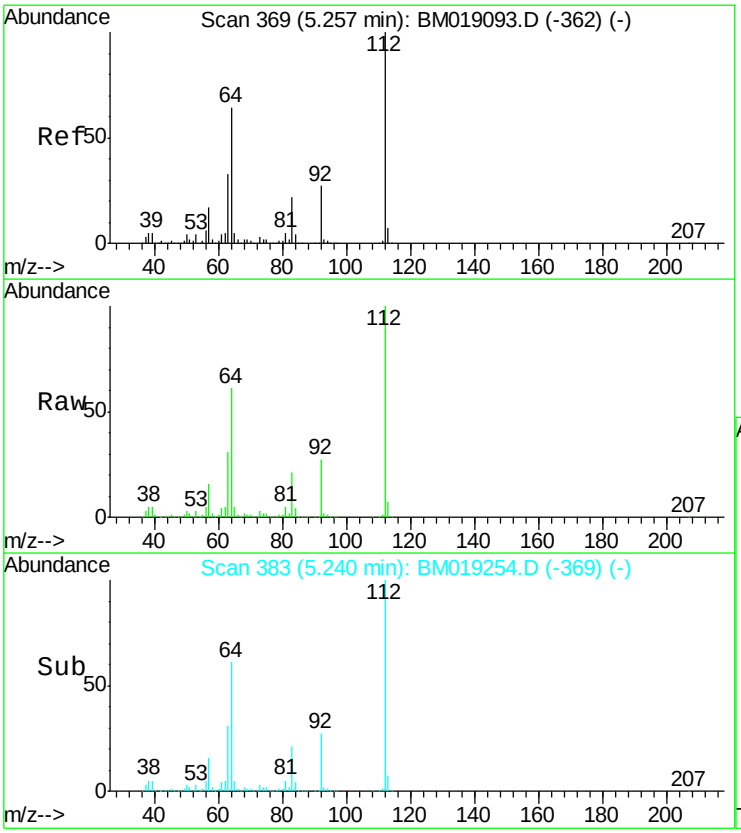
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 790
Delta R.T. -0.03 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Instrument :
BNA_M
ClientSampleId :
PST-026-B034-031319

Tgt Ion:152 Resp: 178557

Ion	Ratio	Lower	Upper
152	100		
150	155.0	125.3	187.9
115	61.1	49.4	74.0

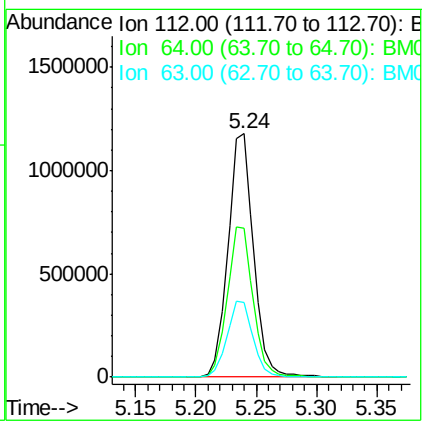


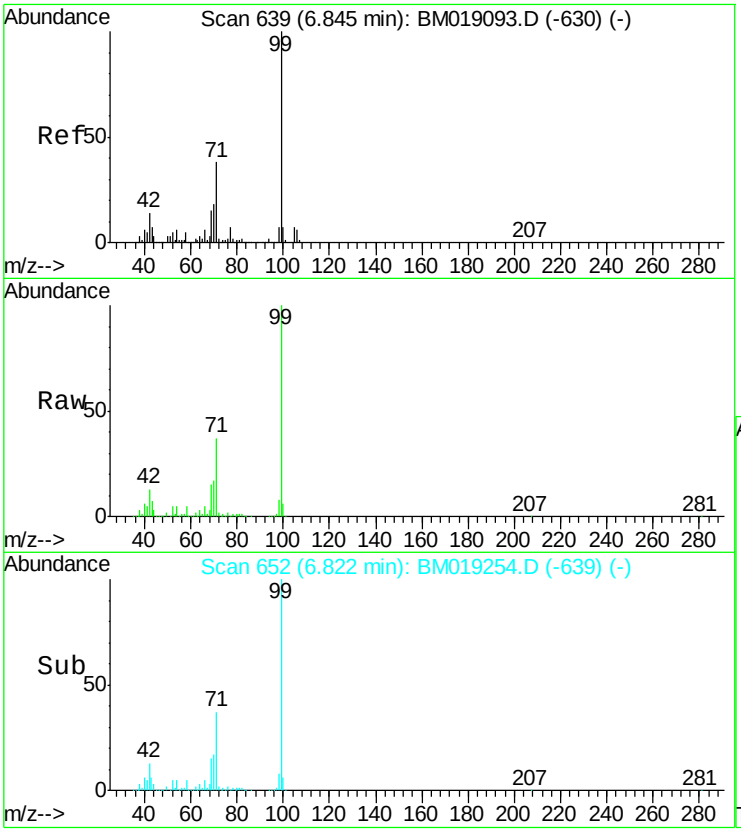


#5
2-Fluorophenol
Concen: 157.499 ng
RT: 5.24 min Scan# 383
Delta R.T. -0.02 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Tgt Ion:112 Resp: 1736524

Ion	Ratio	Lower	Upper
112	100		
64	60.9	51.4	77.0
63	30.9	26.6	40.0



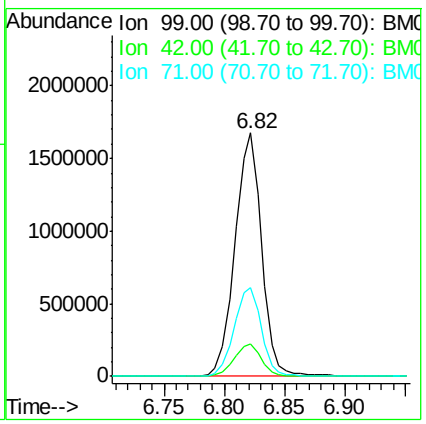


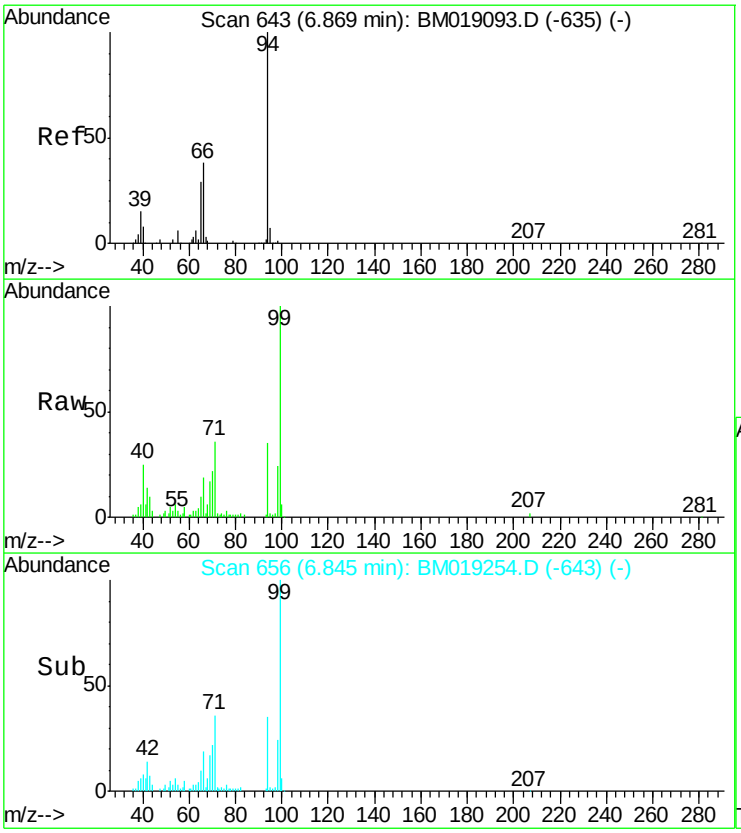
#7
Phenol-d6
Concen: 159.518 ng
RT: 6.82 min Scan# 652
Delta R.T. -0.02 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Instrument :
BNA_M
ClientSampleId :
PST-026-B034-031319

Tgt Ion: 99 Resp: 2572586

Ion	Ratio	Lower	Upper
99	100		
42	13.5	10.9	16.3
71	36.6	30.3	45.5

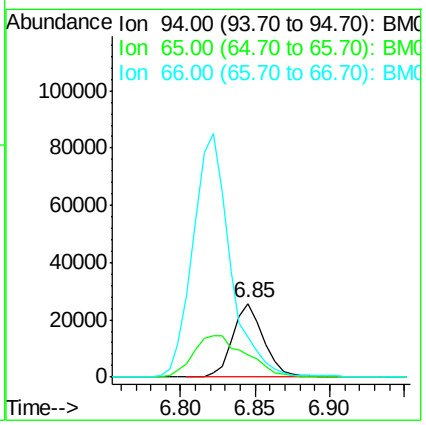


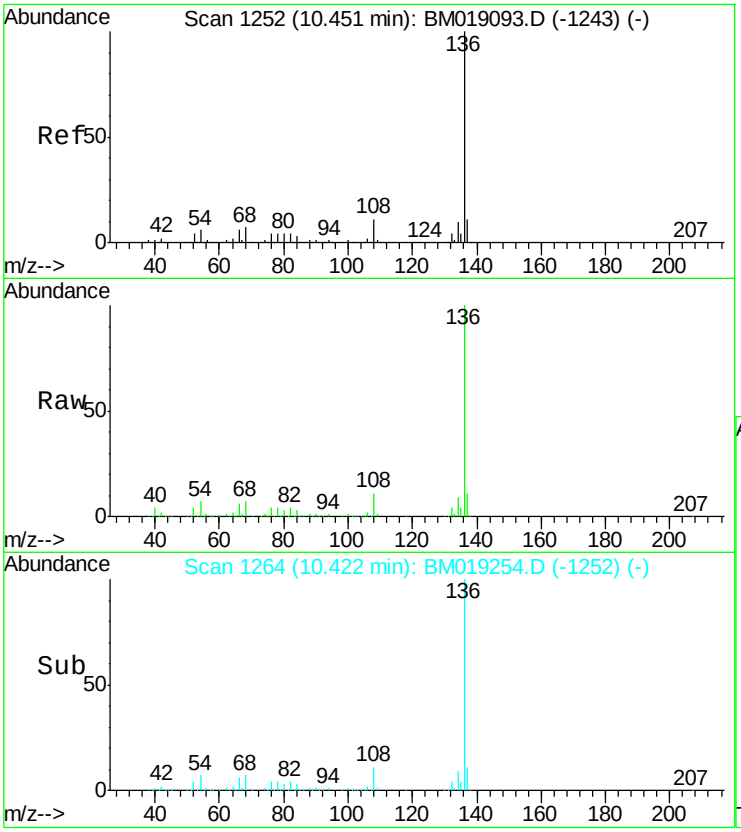


#10
Phenol
Concen: 2.170 ng
RT: 6.85 min Scan# 656
Delta R.T. -0.02 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Tgt Ion: 94 Resp: 37712

Ion	Ratio	Lower	Upper
94	100		
65	29.6	9.7	49.7
66	54.8	19.2	59.2



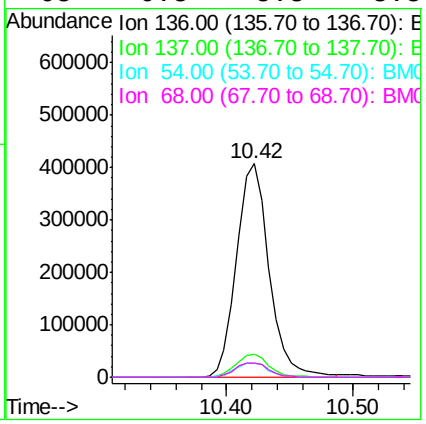


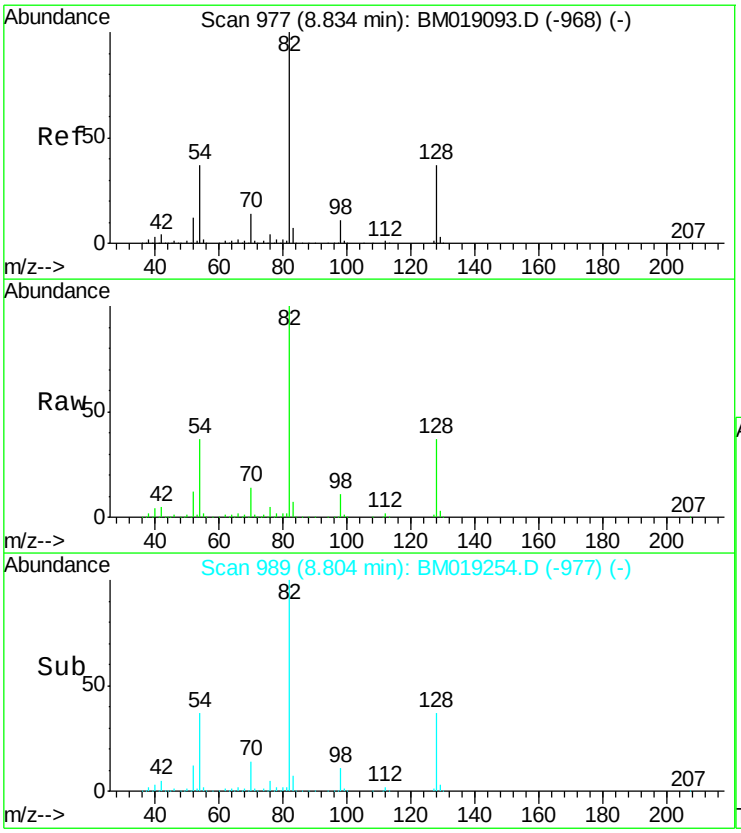
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.42 min Scan# 1264
Delta R.T. -0.03 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Instrument :
BNA_M
ClientSampleId :
PST-026-B034-031319

Tgt Ion:136 Resp: 730113

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	6.7	5.2	7.8
68	6.8	5.8	8.8

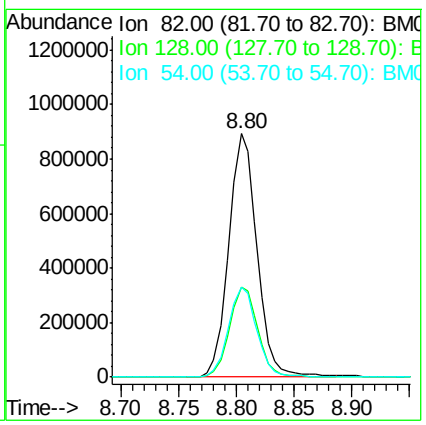


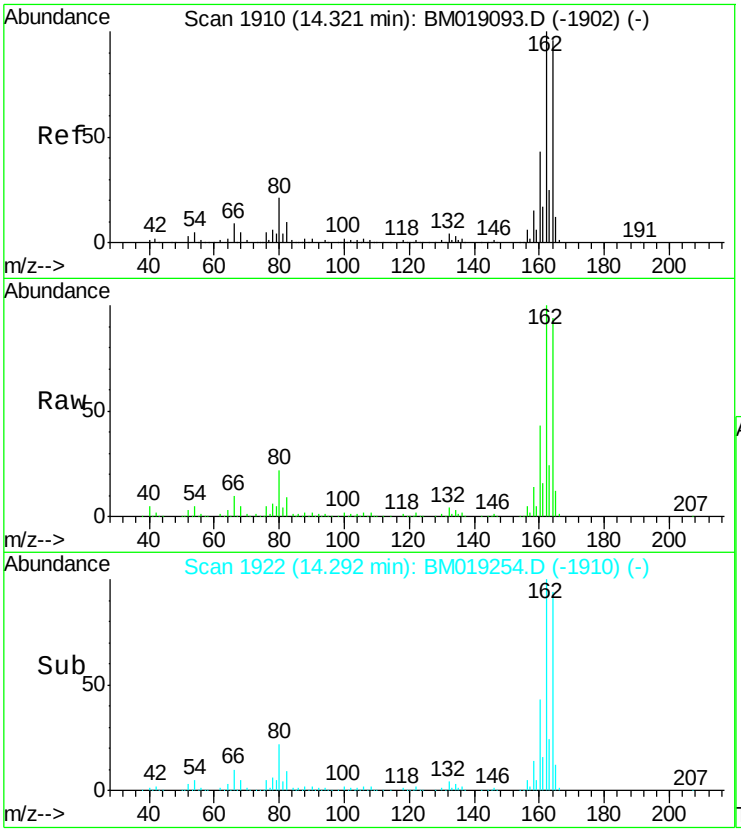


#23
Nitrobenzene-d5
Concen: 98.227 ng
RT: 8.80 min Scan# 989
Delta R.T. -0.03 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Tgt Ion: 82 Resp: 1517168

Ion	Ratio	Lower	Upper
82	100		
128	37.2	29.4	44.2
54	37.2	29.9	44.9



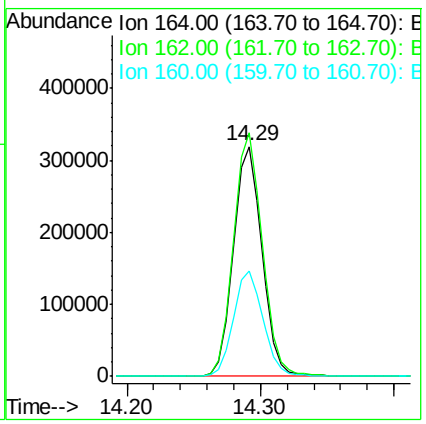


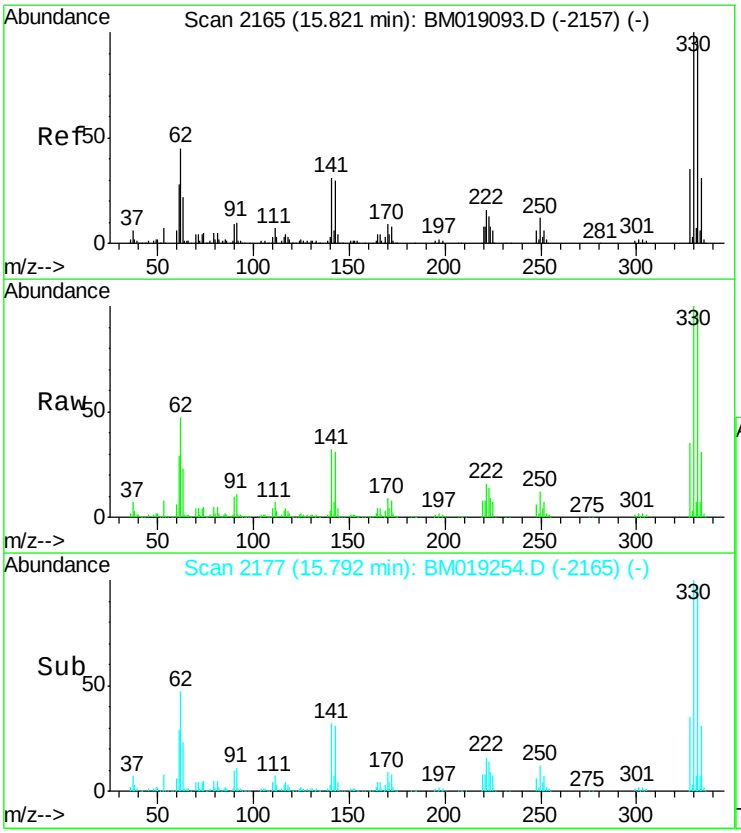
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1922
Delta R.T. -0.03 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Instrument :
BNA_M
ClientSampleId :
PST-026-B034-031319

Tgt Ion:164 Resp: 474138

Ion	Ratio	Lower	Upper
164	100		
162	106.0	83.5	125.3
160	46.0	36.3	54.5

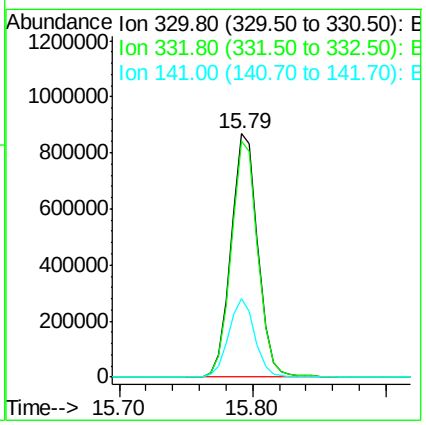


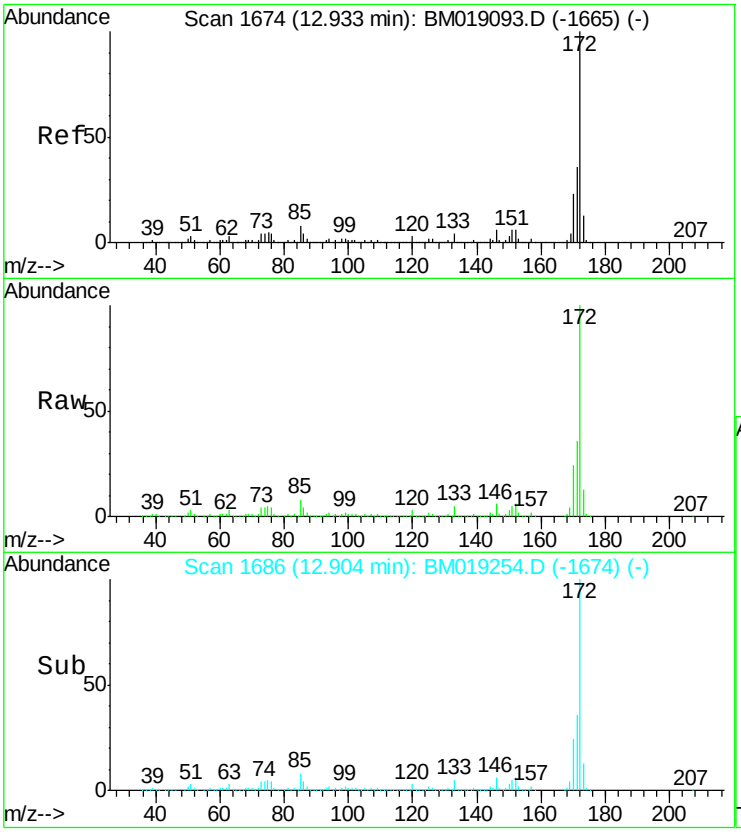


#42
2,4,6-Tribromophenol
Concen: 173.438 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Tgt Ion:330 Resp: 1214152

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	31.7	27.0	40.4



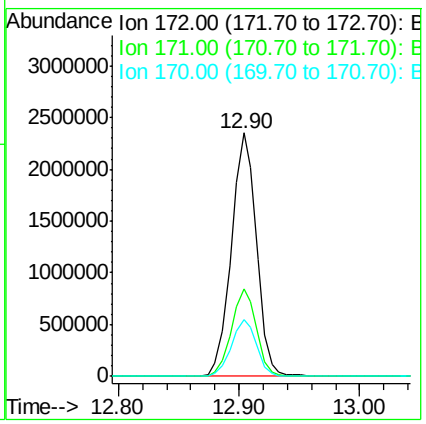


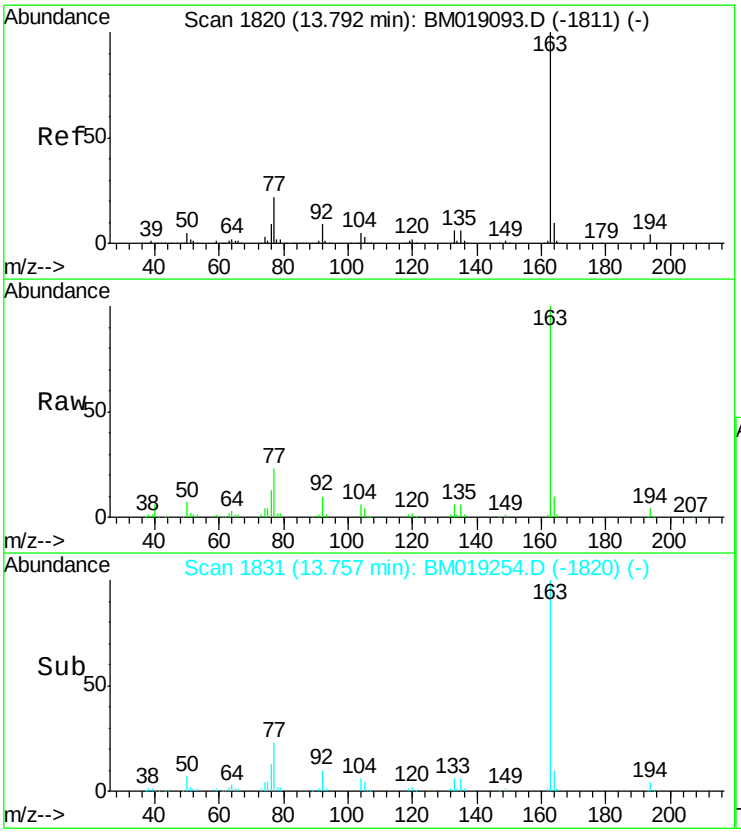
#45
2-Fluorobiphenyl
Concen: 93.575 ng
RT: 12.90 min Scan# 1686
Delta R.T. -0.03 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Instrument :
BNA_M
ClientSampleId :
PST-026-B034-031319

Tgt Ion:172 Resp: 3410876

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.5	18.6	28.0

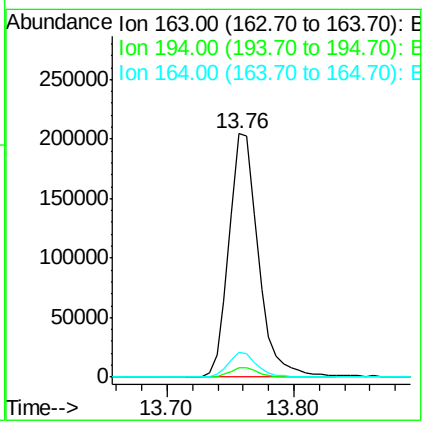


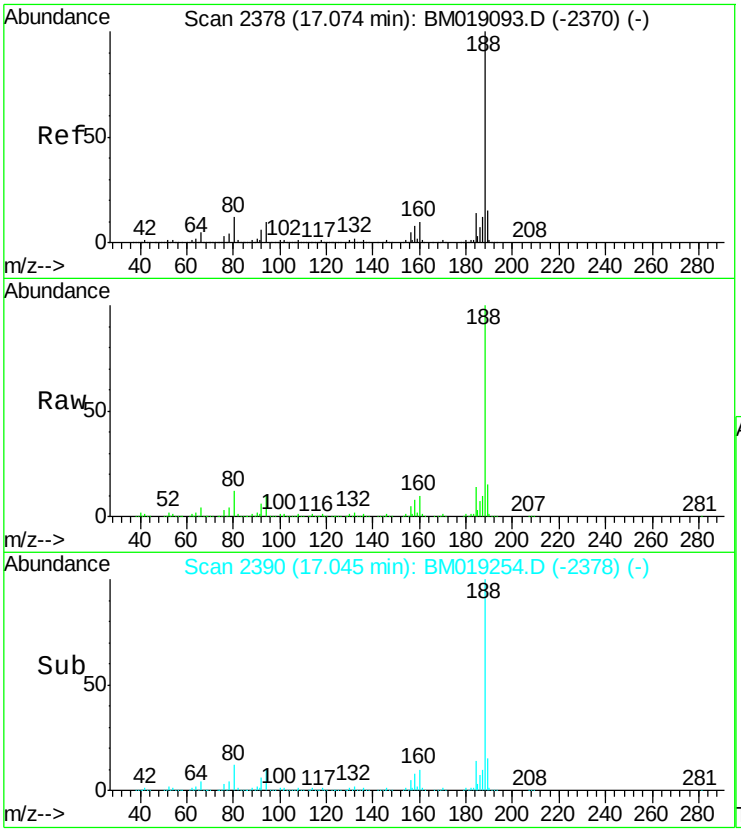


#50
Dimethylphthalate
Concen: 8.064 ng
RT: 13.76 min Scan# 1831
Delta R.T. -0.04 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Tgt Ion:163 Resp: 327061

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



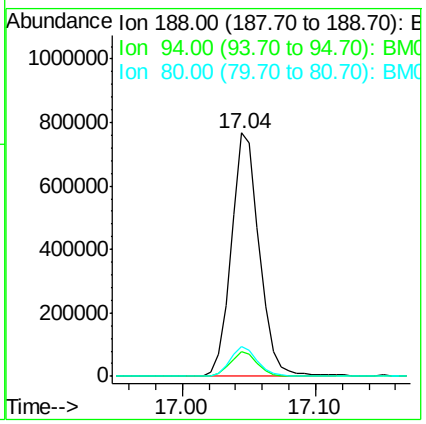


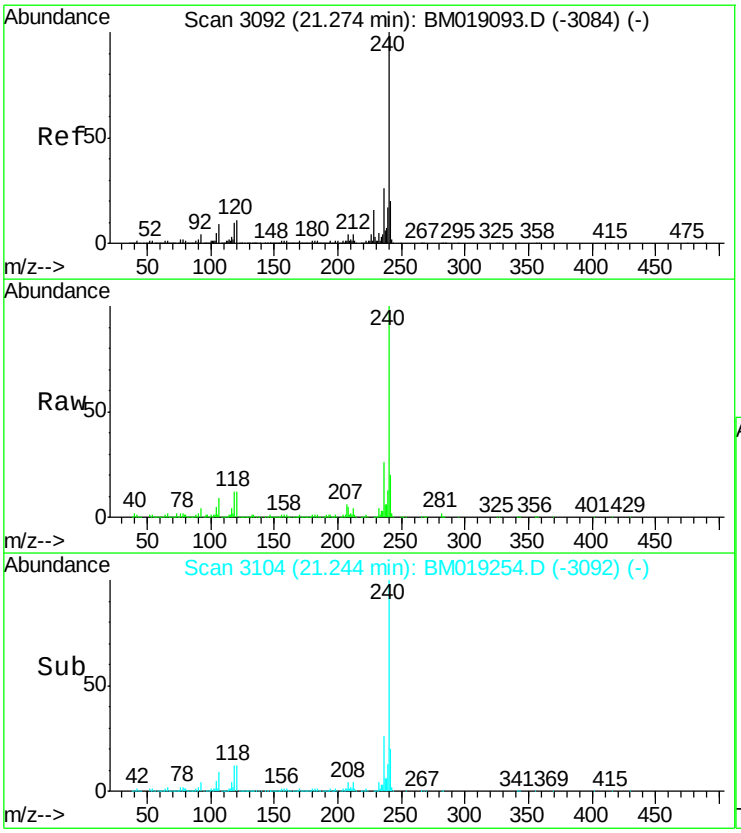
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.03 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Instrument :
BNA_M
ClientSampleId :
PST-026-B034-031319

Tgt Ion:188 Resp: 1119176

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	12.4	9.7	14.5

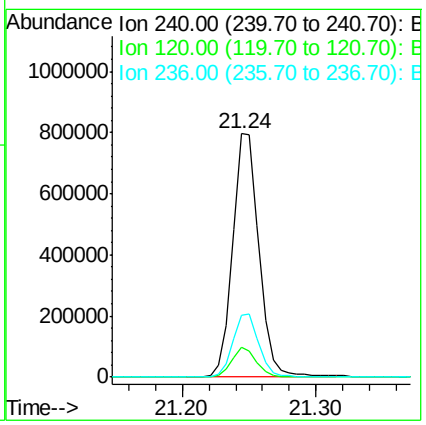


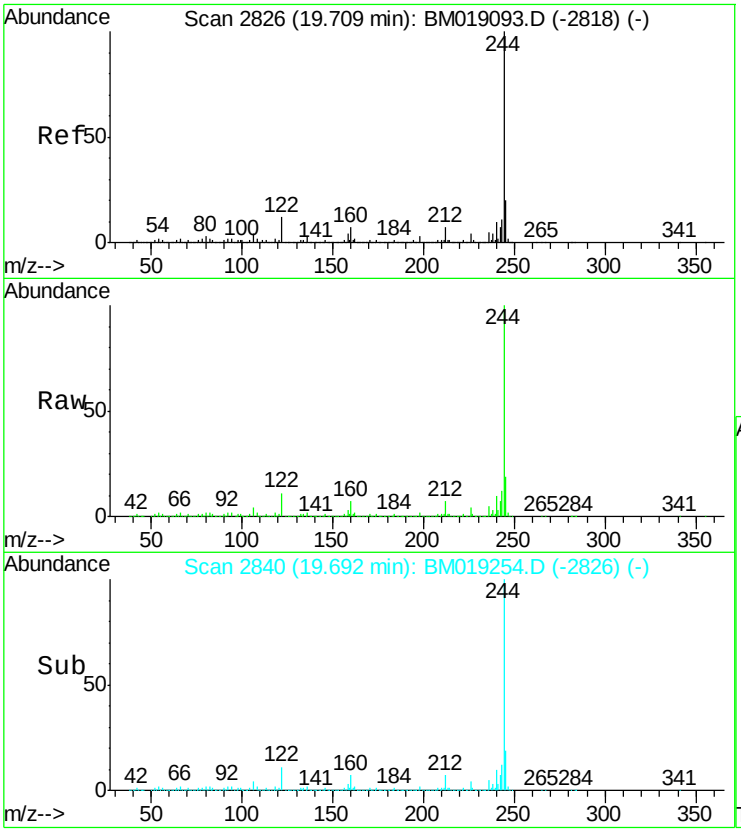


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Tgt Ion:240 Resp: 1092256

Ion	Ratio	Lower	Upper
240	100		
120	12.2	8.9	13.3
236	25.6	21.0	31.4



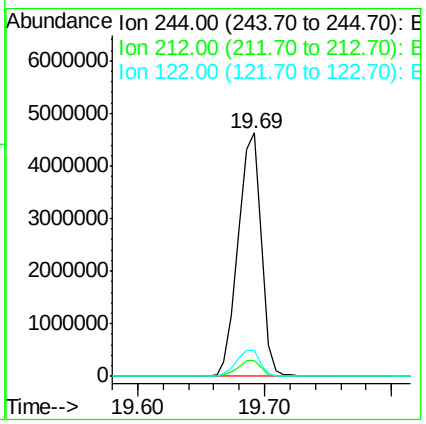


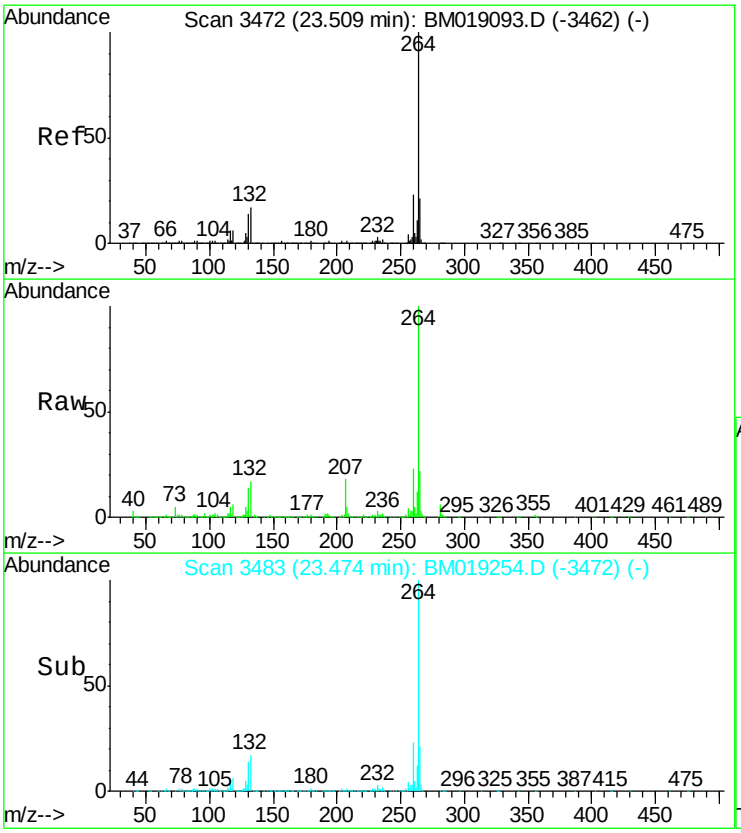
#79
Terphenyl-d14
Concen: 105.475 ng
RT: 19.69 min Scan# 2840
Delta R.T. -0.02 min
Lab File: BM019254.D
Acq: 20 Mar 2019 05:17

Instrument :
BNA_M
ClientSampleId :
PST-026-B034-031319

Tgt Ion:244 Resp: 5803187

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	10.6	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: BM019254.D
Acq: 20 Mar 2019 05:17

Tgt Ion:264 Resp: 982658

Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.6	28.0
265	21.8	17.3	25.9