Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011619\
Data File : BM018590.D
Acq On : 16 Jan 2019 19:14
Operator : JU/SJ
Sample : K1149-04
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SW004-190114-01

Quant Time: Jan 17 01:26:59 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	406522	20.00	ng	-0.02
21) Naphthalene-d8	10.54	136	1690241	20.00	ng	-0.01
39) Acenaphthene-d10	14.39	164	983134	20.00	ng	-0.02
64) Phenanthrene-d10	17.14	188	2228381	20.00	ng	-0.01
76) Chrysene-d12	21.34	240	1876130	20.00	ng	-0.01
87) Perylene-d12	23.61	264	1520155	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	1217109	55.28	ng	-0.01
7) Phenol-d6	6.92	99	967226	34.59	ng	-0.01
23) Nitrobenzene-d5	8.92	82	2370211	81.29	ng	0.00
42) 2,4,6-Tribromophenol	15.89	330	1752243	139.98	ng	-0.01
45) 2-Fluorobiphenyl	13.02	172	6115504	81.17	ng	0.00
79) Terphenyl-d14	19.78	244	9241108	103.83	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.95	94	68014	2.394	ng	98
20) 3+4-Methylphenols	8.52	107	63576	2.388	ng	84
31) Naphthalene	10.59	128	490206	6.022	ng	99

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

Quantitation Report (QT/LSC Reviewed)

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Data File : BM018590.D
Acq On : 16 Jan 2019 19:14
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Misc :
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Instrument :
BNA_M
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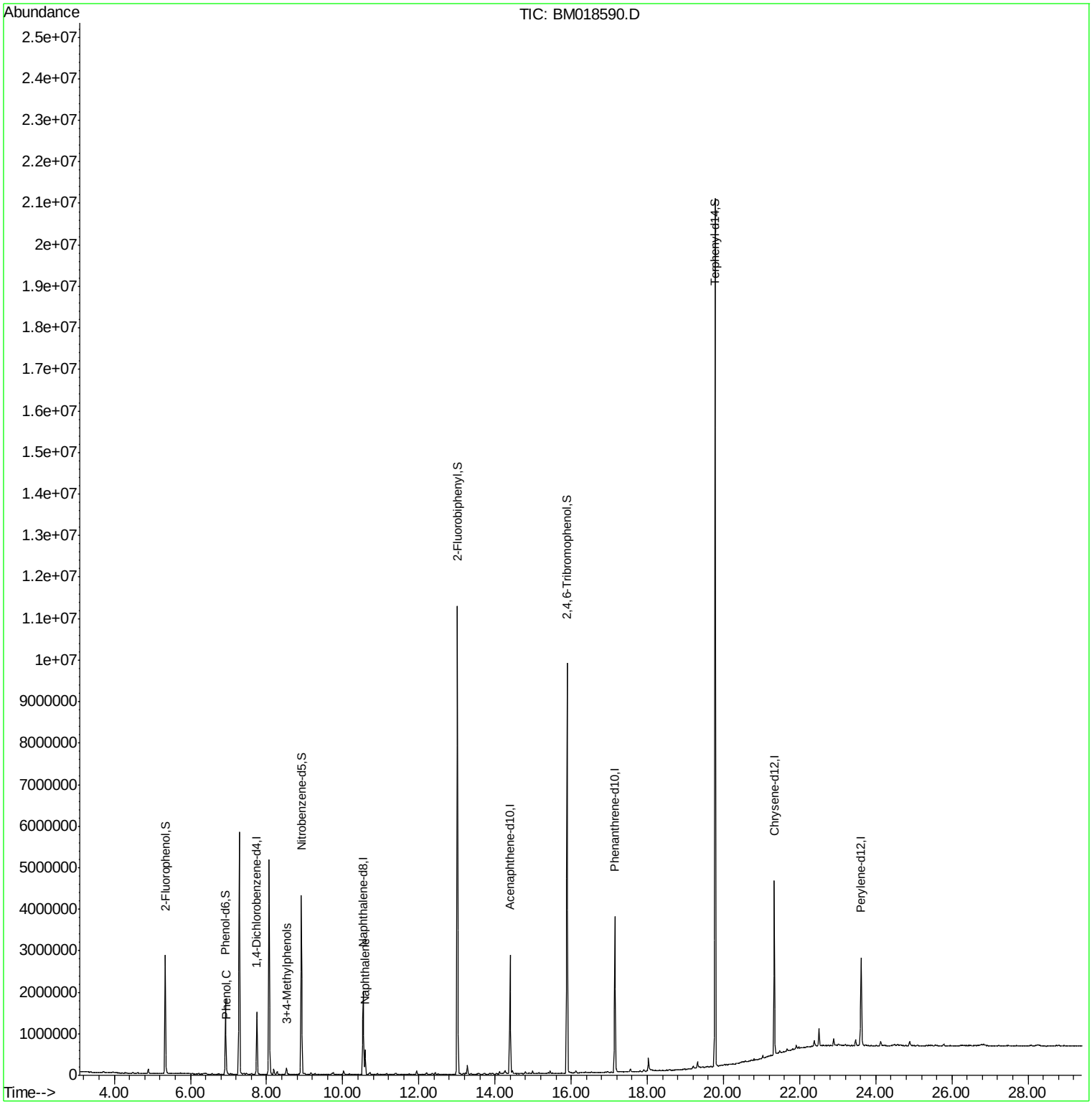
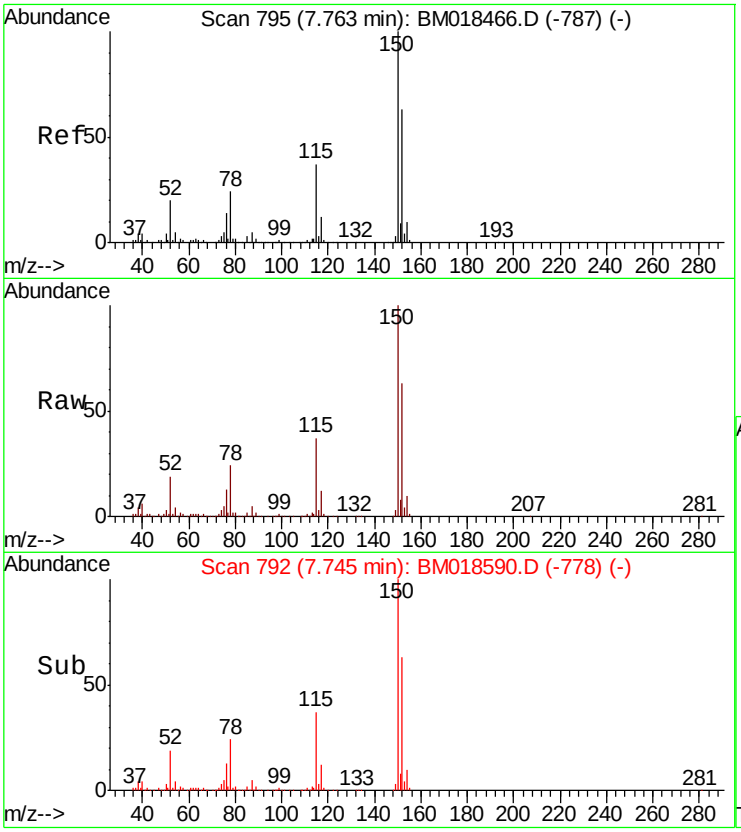


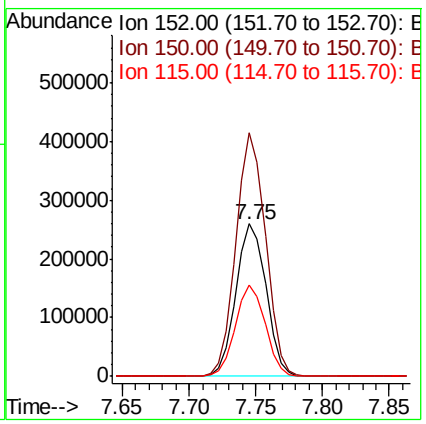


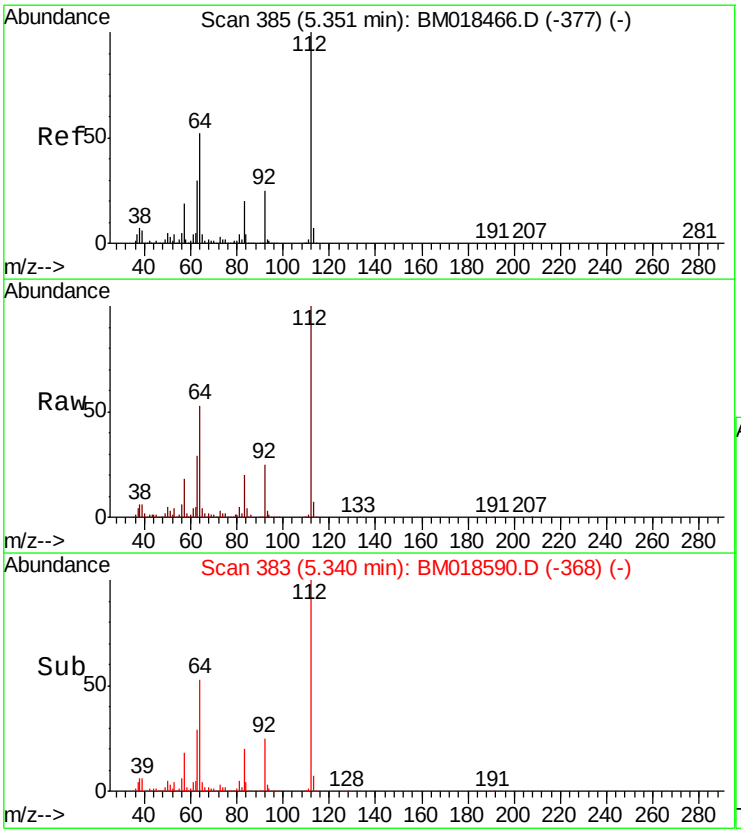
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Instrument :
BNA_M
ClientSampleId :
SW004-190114-01

Tgt Ion:152 Resp: 406522

Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.9	190.3
115	59.6	45.5	68.3

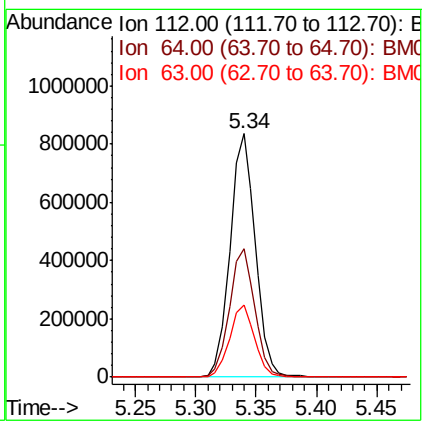


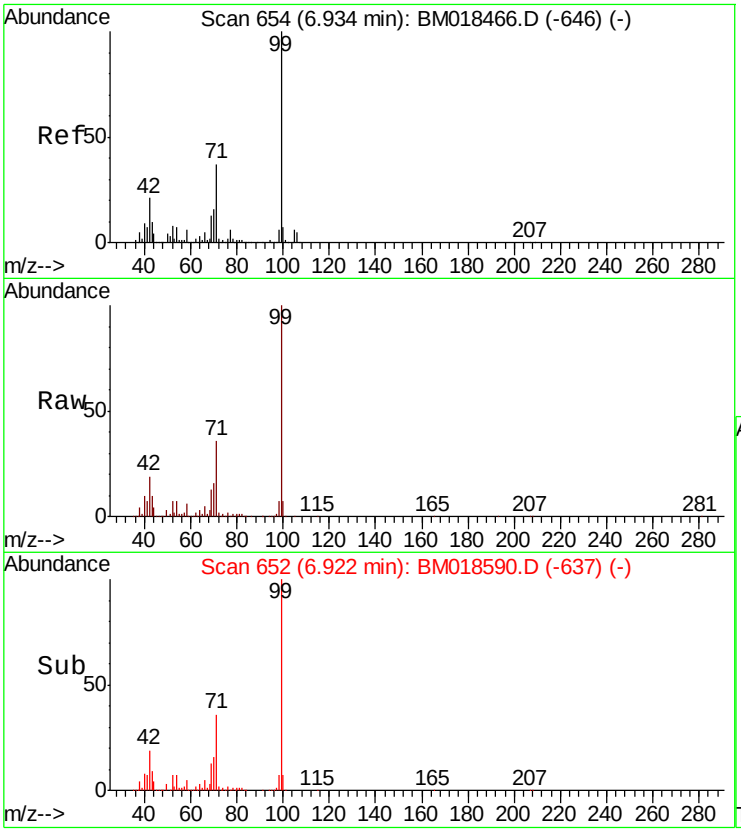


#5
2-Fluorophenol
Concen: 55.283 ng
RT: 5.34 min Scan# 383
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Tgt Ion:112 Resp: 1217109

Ion	Ratio	Lower	Upper
112	100		
64	53.0	46.5	69.7
63	29.4	25.2	37.8



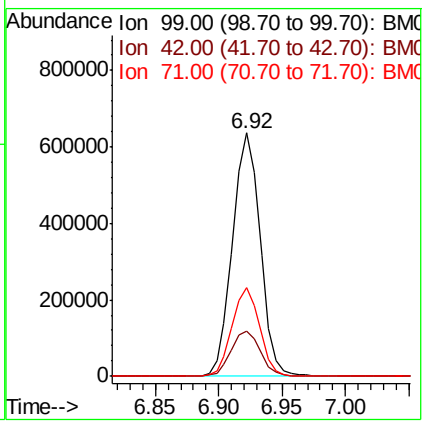


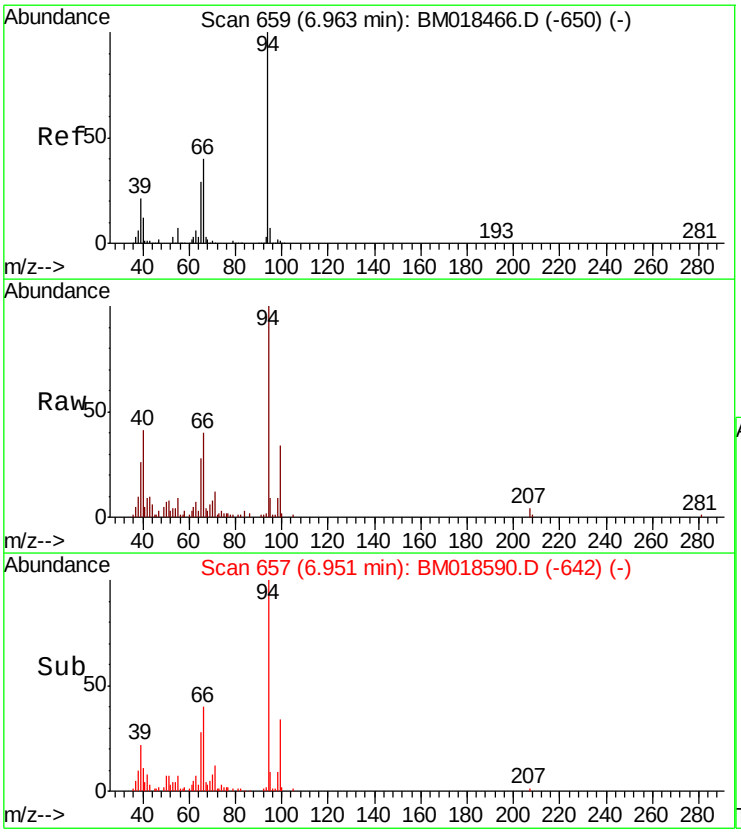
#7
Phenol-d6
Concen: 34.590 ng
RT: 6.92 min Scan# 652
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Instrument :
BNA_M
ClientSampleId :
SW004-190114-01

Tgt Ion: 99 Resp: 967226

Ion	Ratio	Lower	Upper
99	100		
42	18.8	17.3	25.9
71	36.2	28.0	42.0

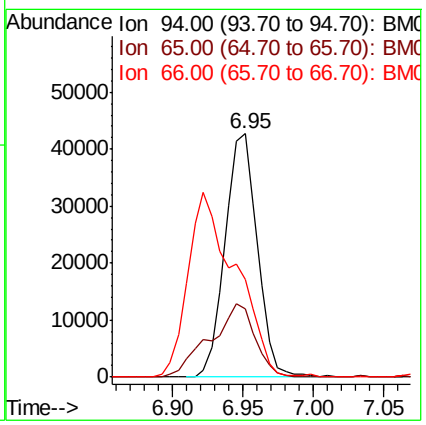


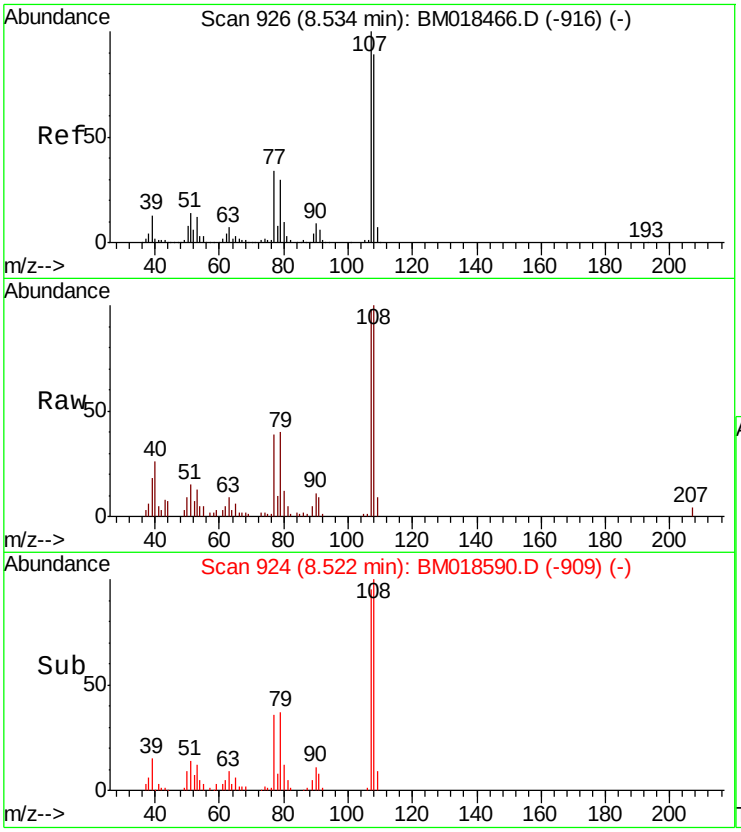


#10
Phenol
Concen: 2.394 ng
RT: 6.95 min Scan# 657
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Tgt Ion: 94 Resp: 68014

Ion	Ratio	Lower	Upper
94	100		
65	28.2	9.4	49.4
66	40.1	19.1	59.1



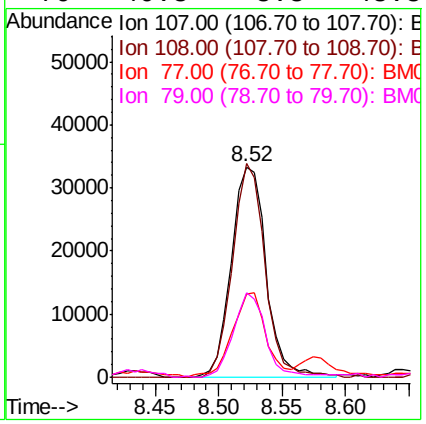


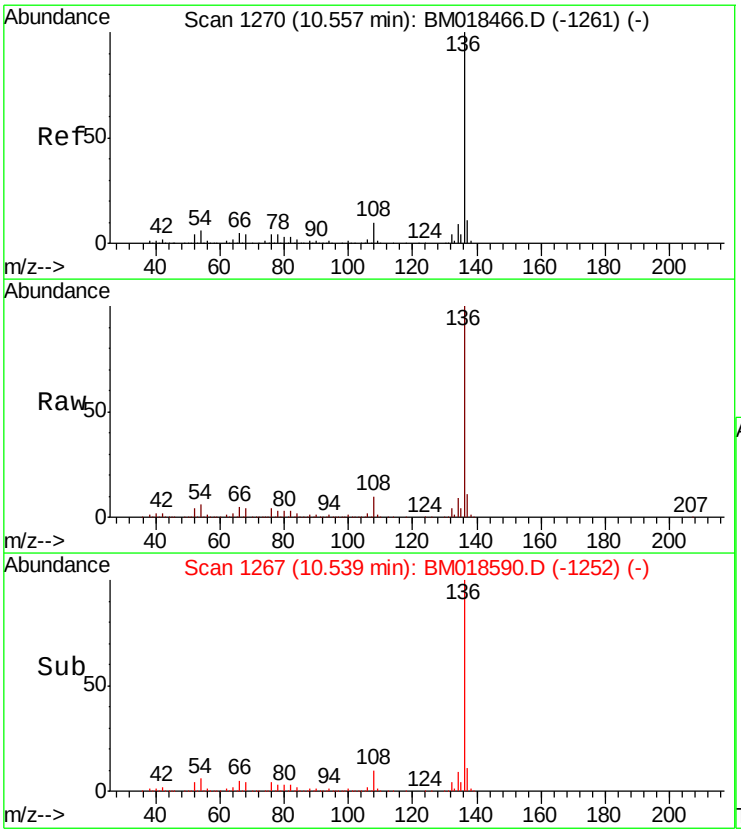
#20
3+4-Methylphenols
Concen: 2.388 ng
RT: 8.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Instrument :
BNA_M
ClientSampleId :
SW004-190114-01

Tgt Ion:107 Resp: 63576

Ion	Ratio	Lower	Upper
107	100		
108	101.5	66.8	106.8
77	39.4	13.3	53.3
79	40.3	8.8	48.8

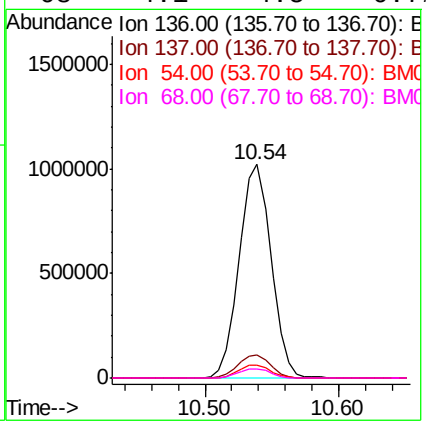


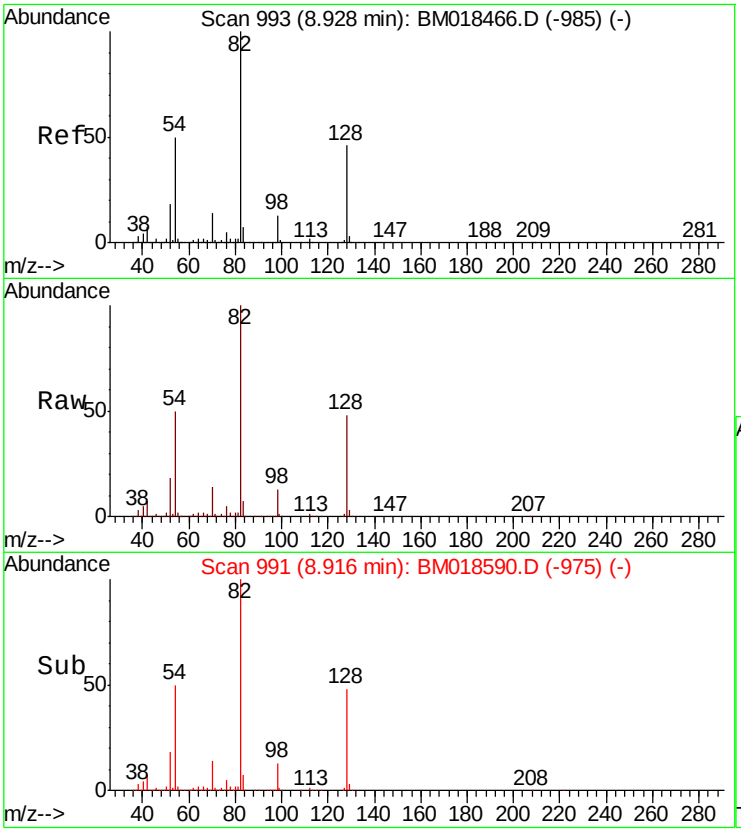


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.54 min Scan# 1267
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Tgt Ion:136 Resp: 1690241

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	6.0	6.0	9.0#
68	4.1	4.5	6.7#



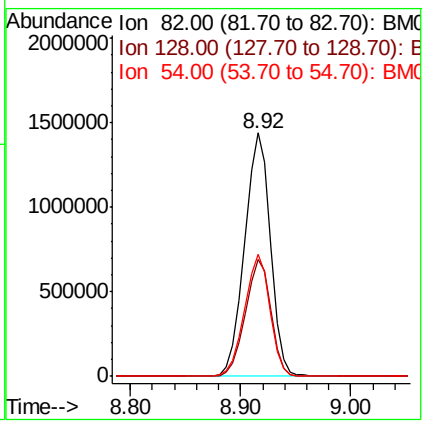


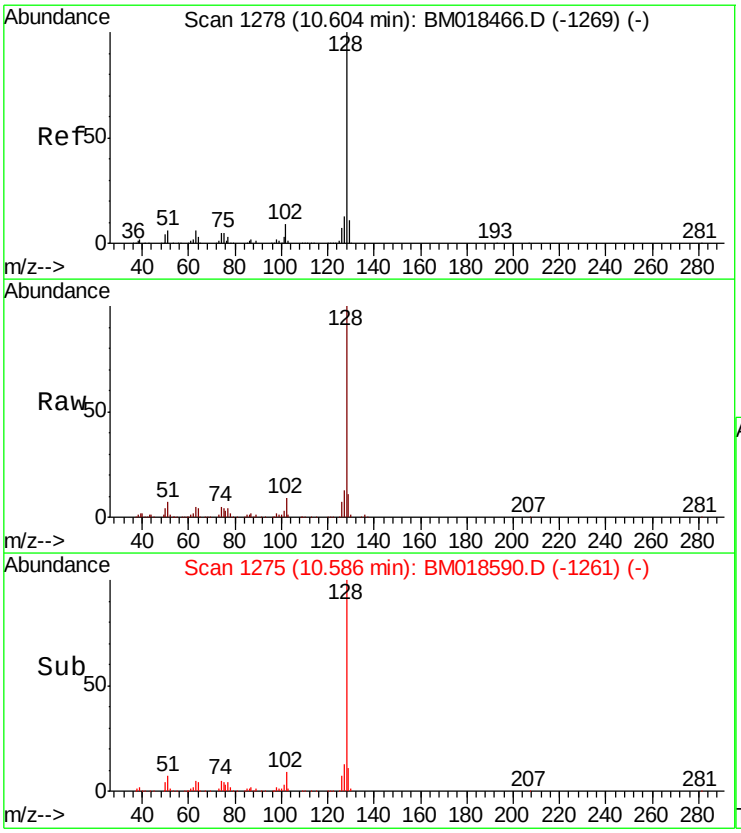
#23
Nitrobenzene-d5
Concen: 81.292 ng
RT: 8.92 min Scan# 991
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Instrument :
BNA_M
ClientSampleId :
SW004-190114-01

Tgt Ion: 82 Resp: 2370211

Ion	Ratio	Lower	Upper
82	100		
128	48.0	36.3	54.5
54	50.0	41.7	62.5

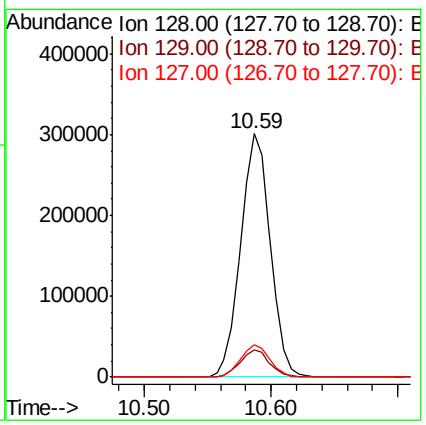


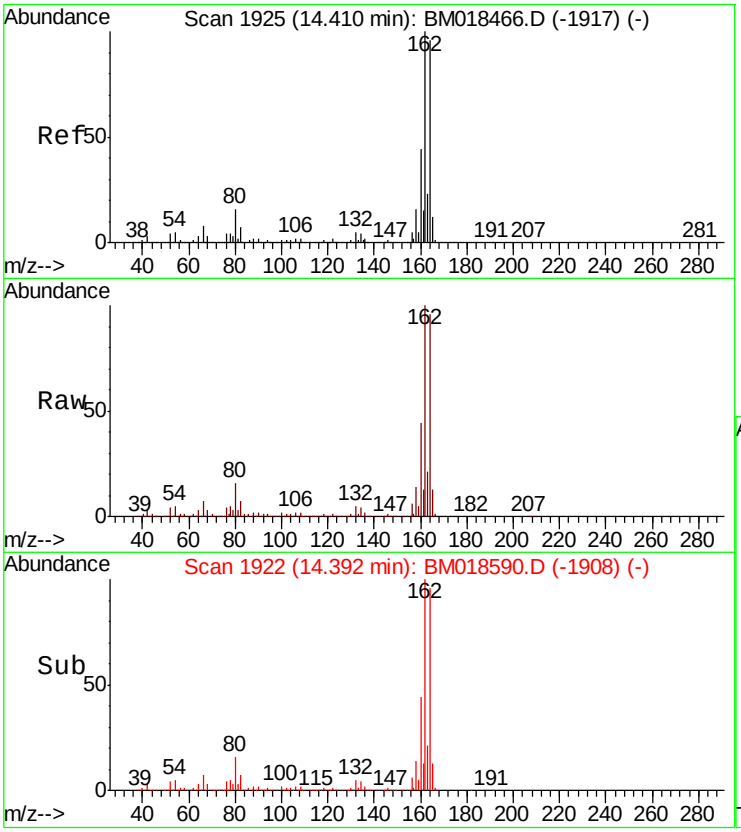


#31
Naphthalene
Concen: 6.022 ng
RT: 10.59 min Scan# 1275
Delta R.T. -0.02 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Tgt Ion:128 Resp: 490206

Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.7	13.1
127	13.1	10.8	16.2



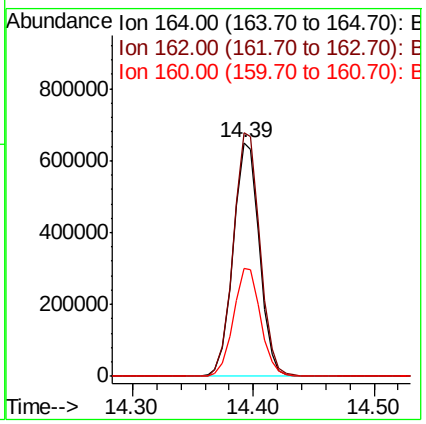


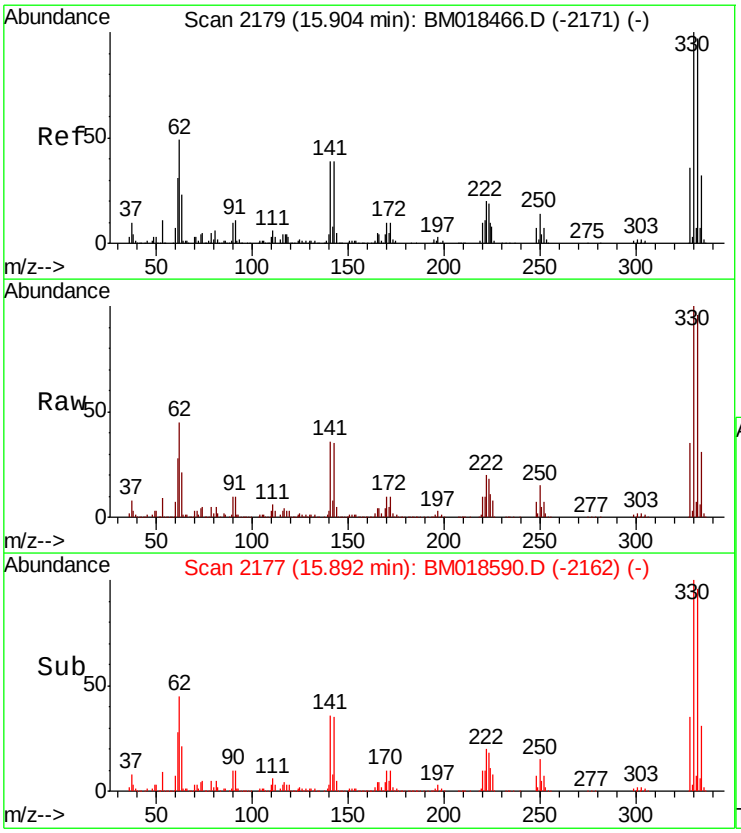
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.39 min Scan# 1922
Delta R.T. -0.02 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Instrument :
BNA_M
ClientSampleId :
SW004-190114-01

Tgt Ion:164 Resp: 983134

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.0	124.4
160	45.9	37.1	55.7

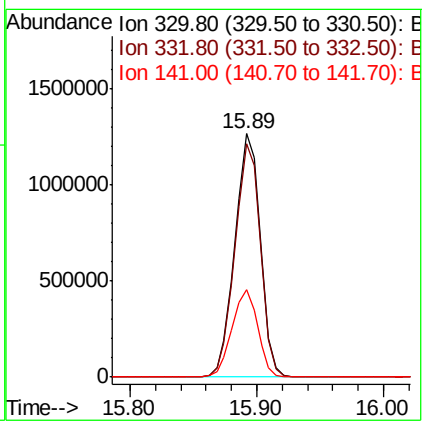


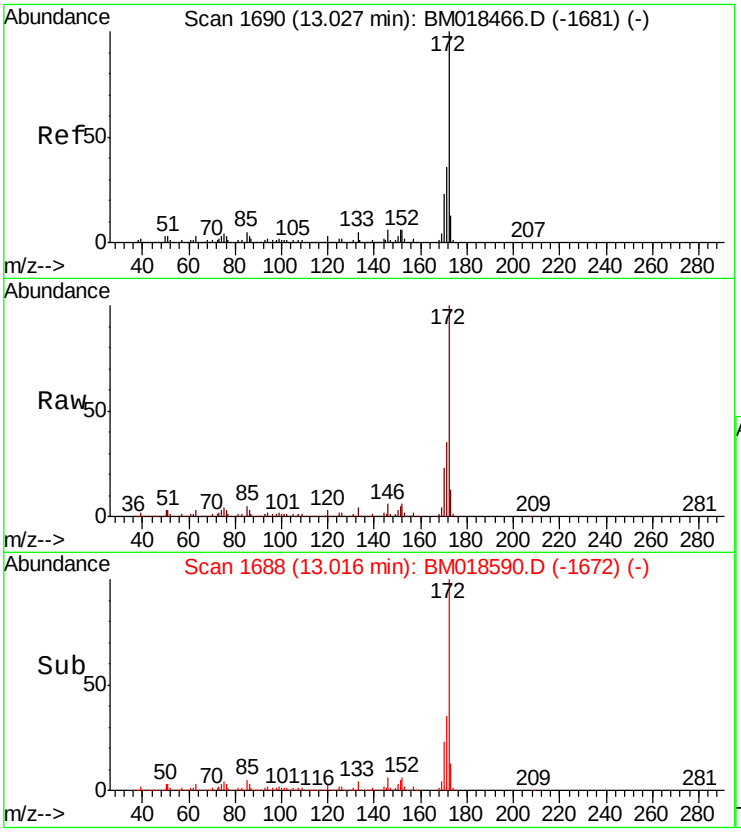


#42
2,4,6-Tribromophenol
Concen: 139.977 ng
RT: 15.89 min Scan# 2177
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Tgt Ion:330 Resp: 1752243

Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	36.5	31.7	47.5



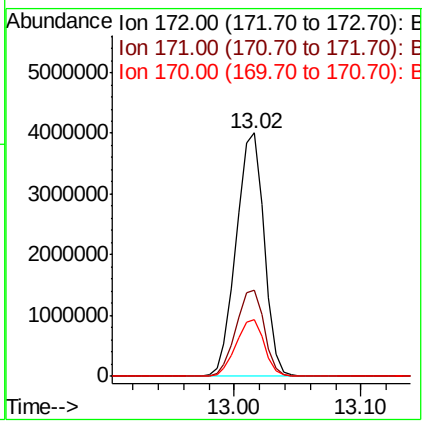


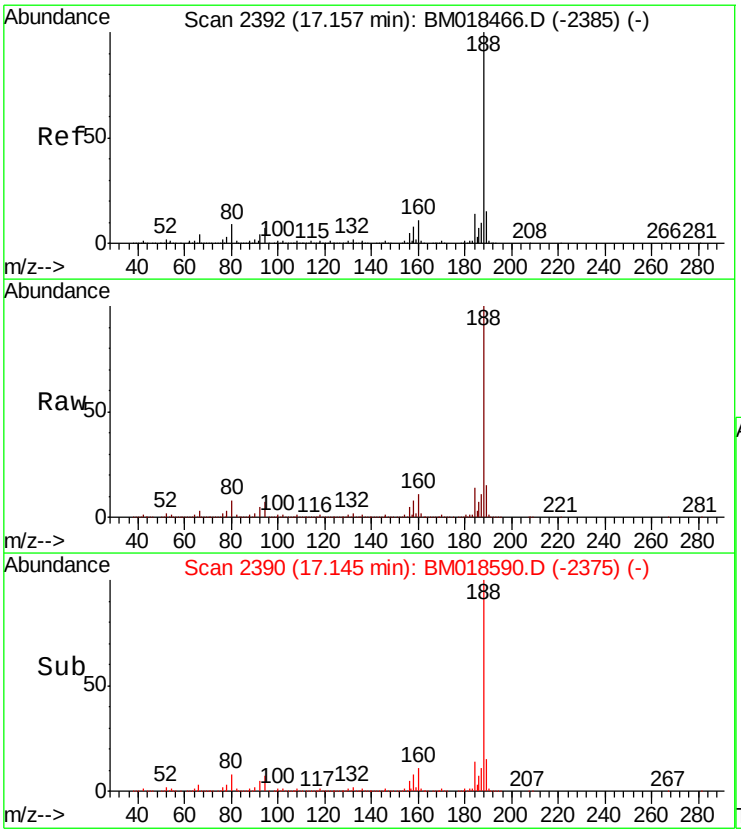
#45
2-Fluorobiphenyl
Concen: 81.168 ng
RT: 13.02 min Scan# 1688
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Instrument :
BNA_M
ClientSampleId :
SW004-190114-01

Tgt Ion:172 Resp: 6115504

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.2	42.4
170	23.5	18.9	28.3

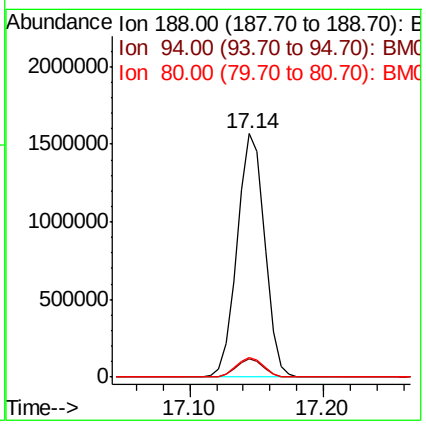


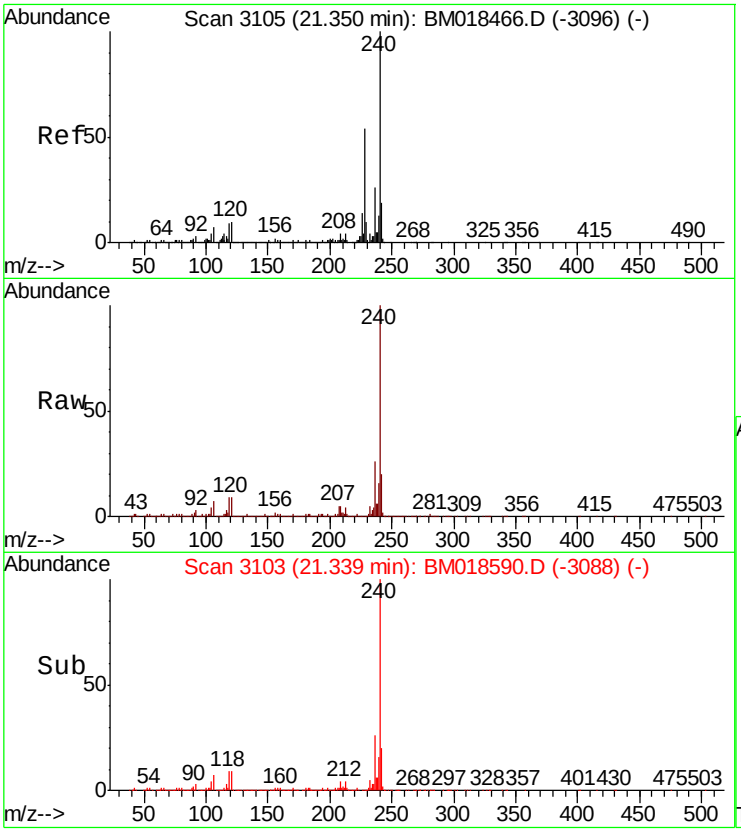


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.14 min Scan# 2390
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Tgt Ion:188 Resp: 2228381

Ion	Ratio	Lower	Upper
188	100		
94	7.5	7.1	10.7
80	8.1	7.6	11.4



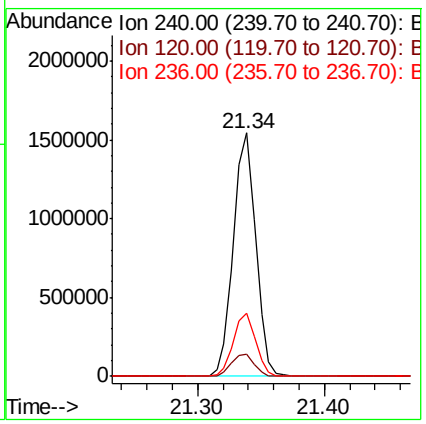


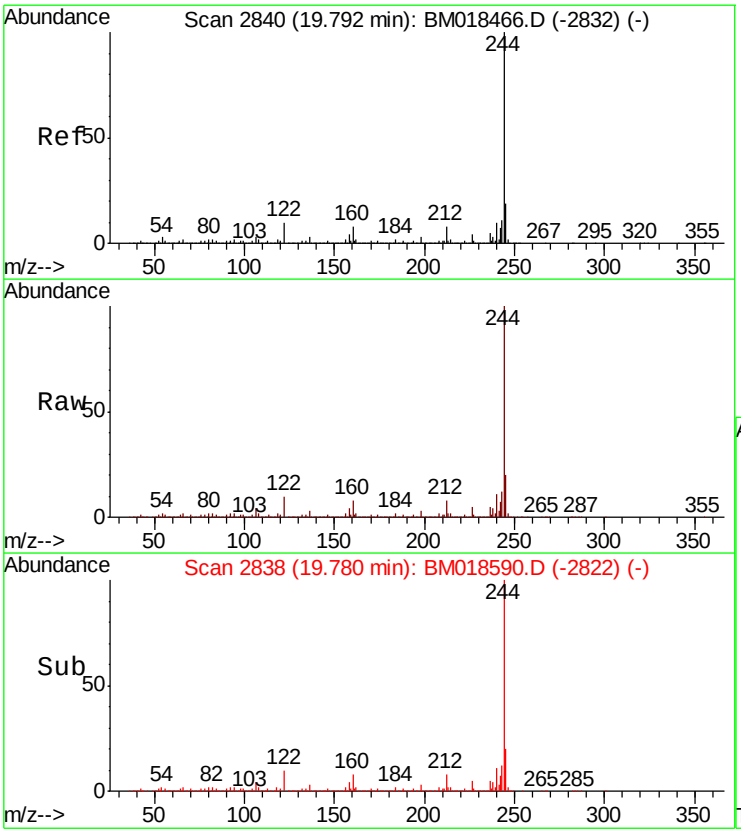
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3103
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Instrument :
BNA_M
ClientSampleId :
SW004-190114-01

Tgt Ion:240 Resp: 1876130

Ion	Ratio	Lower	Upper
240	100		
120	9.0	8.4	12.6
236	25.7	20.7	31.1

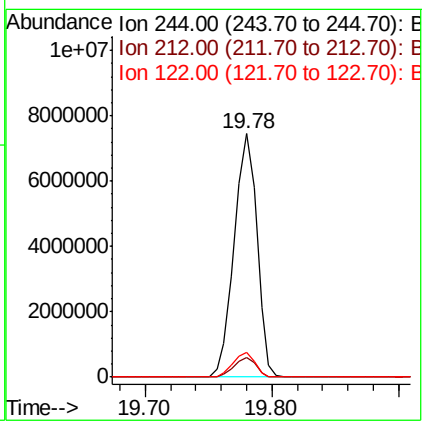


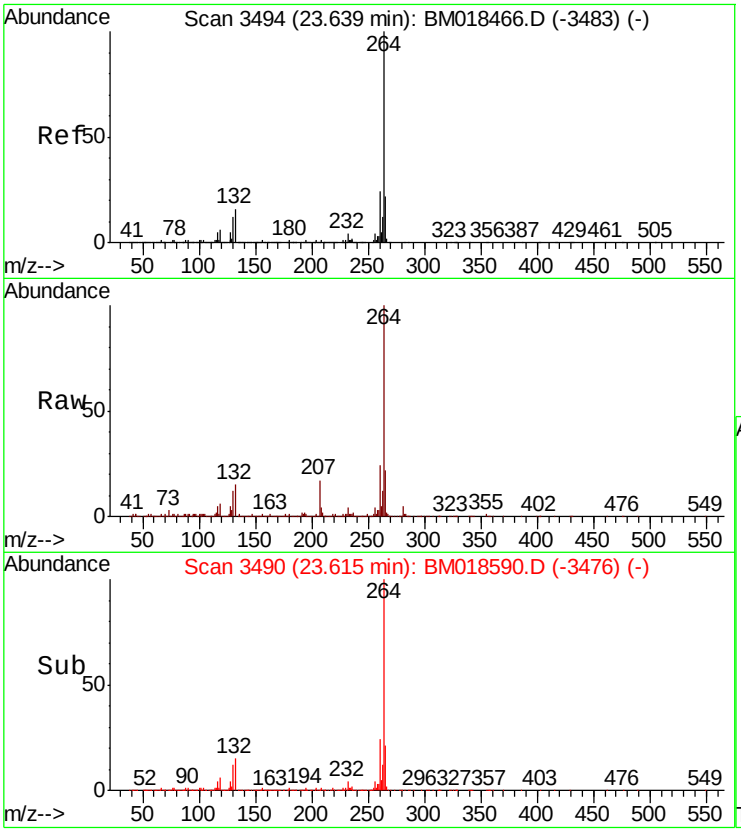


#79
Terphenyl-d14
Concen: 103.834 ng
RT: 19.78 min Scan# 2838
Delta R.T. -0.01 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Tgt Ion:244 Resp: 9241108

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.9	8.9
122	10.3	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.61 min Scan# 3490
Delta R.T. -0.02 min
Lab File: BM018590.D
Acq: 16 Jan 2019 19:14

Instrument :
BNA_M
ClientSampleId :
SW004-190114-01

Tgt Ion:264 Resp: 1520155

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.1	16.8	25.2