Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM041819\
Data File : BM019962.D
Acq On : 18 Apr 2019 20:20
Operator : JU/SJ
Sample : K1926-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Apr 19 00:42:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 16:16:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	99426	20.00	ng	-0.02
21) Naphthalene-d8	10.29	136	364876	20.00	ng	-0.02
39) Acenaphthene-d10	14.18	164	203903	20.00	ng	-0.02
64) Phenanthrene-d10	16.94	188	441718	20.00	ng	-0.02
76) Chrysene-d12	21.16	240	431696	20.00	ng	-0.02
87) Perylene-d12	23.35	264	538324	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	760547	123.97	ng	-0.02
7) Phenol-d6	6.71	99	1018529	110.31	ng	-0.02
23) Nitrobenzene-d5	8.69	82	634260	77.74	ng	-0.02
42) 2,4,6-Tribromophenol	15.69	330	382551	116.55	ng	-0.02
45) 2-Fluorobiphenyl	12.78	172	1175422	71.84	ng	-0.02
79) Terphenyl-d14	19.59	244	1745904	71.33	ng	-0.02
Target Compounds						Qvalue
9) Benzaldehyde	6.71	77	3543	Below Cal	#	7
10) Phenol	6.73	94	42552	4.218	ng #	71
20) 3+4-Methylphenols	8.32	107	26203	2.857	ng	95
50) Dimethylphthalate	13.66	163	165191	9.185	ng	99

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

Quantitation Report (Not Reviewed)

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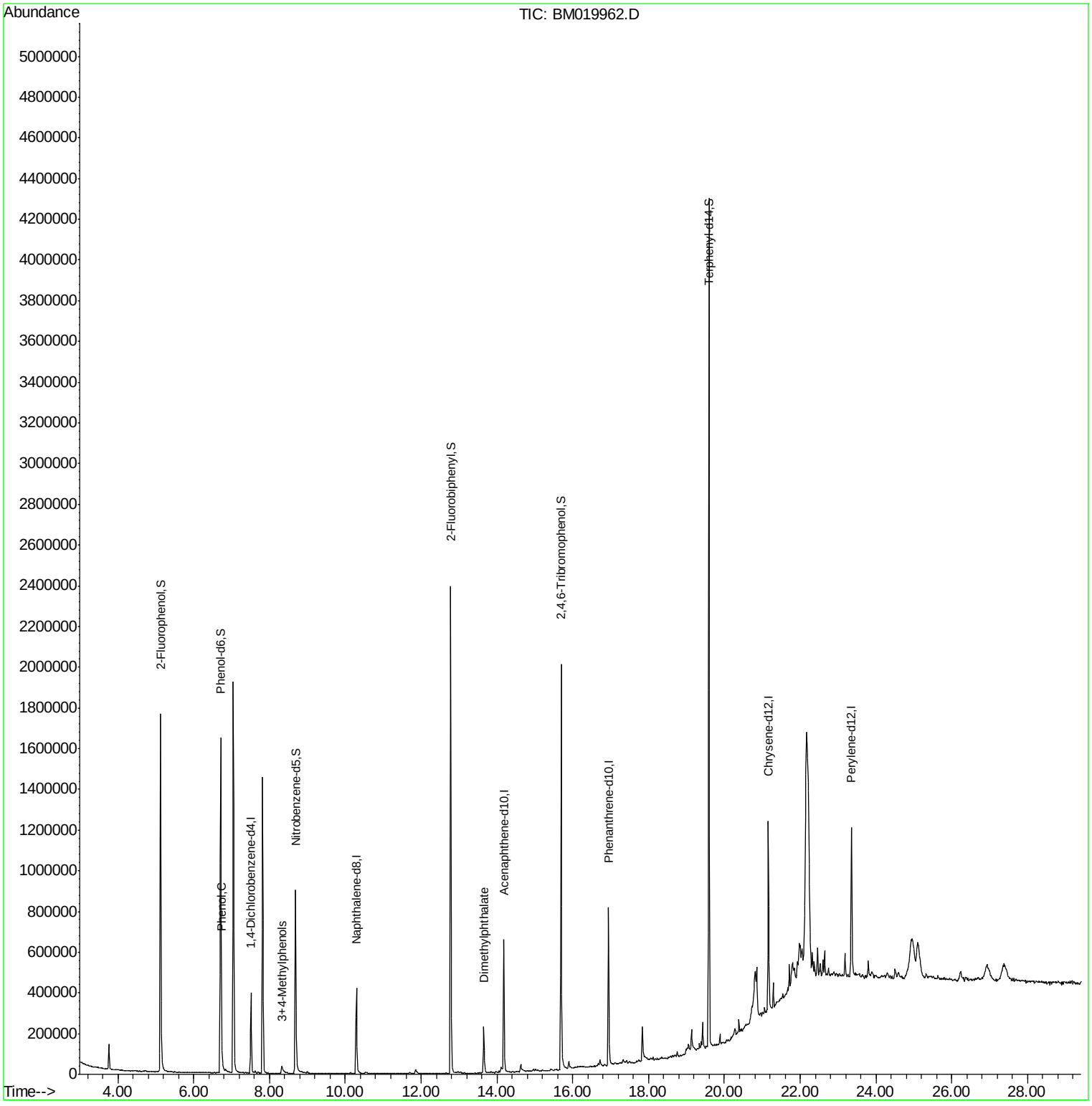
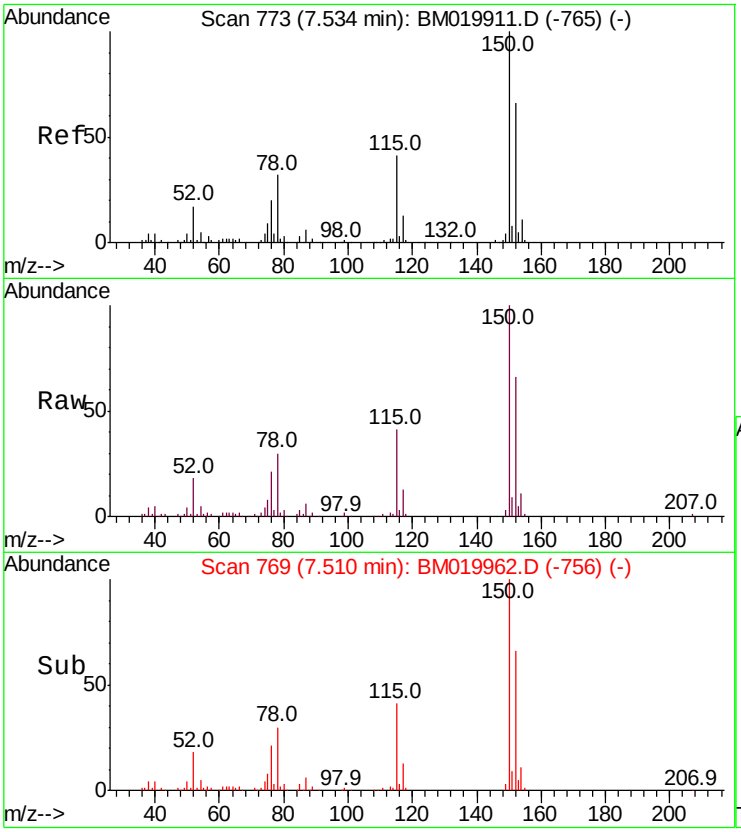


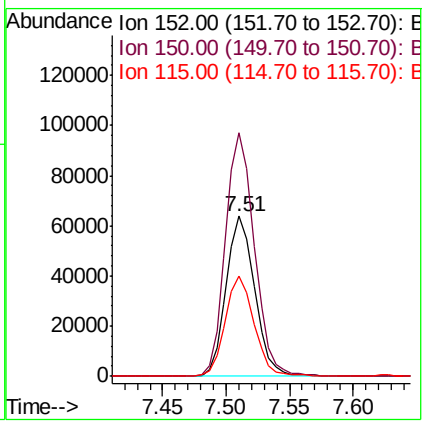


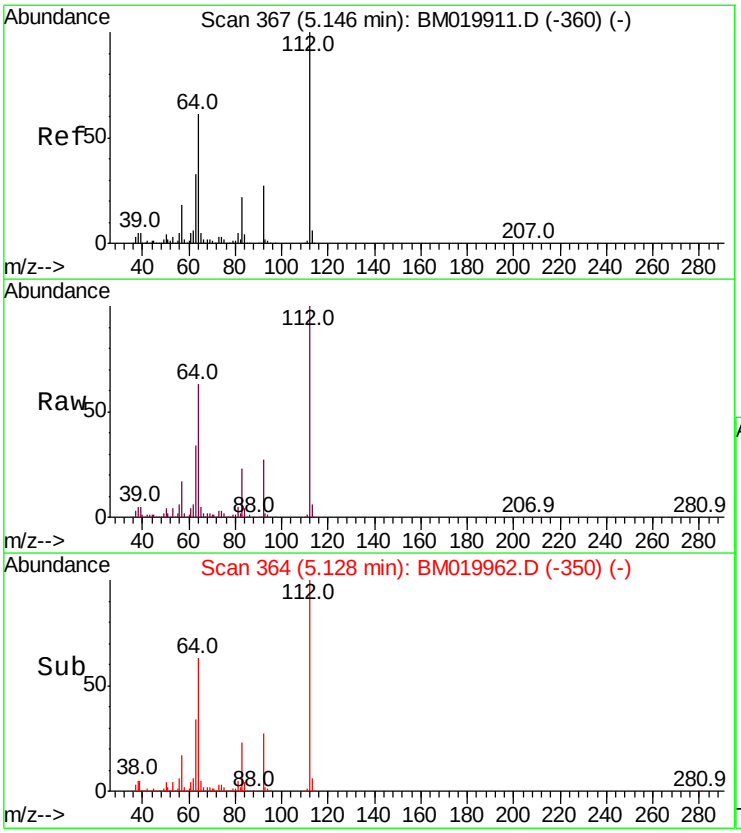
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.51 min Scan# 769
Delta R.T. -0.02 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 99426

Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.1	183.1
115	62.8	50.0	75.0

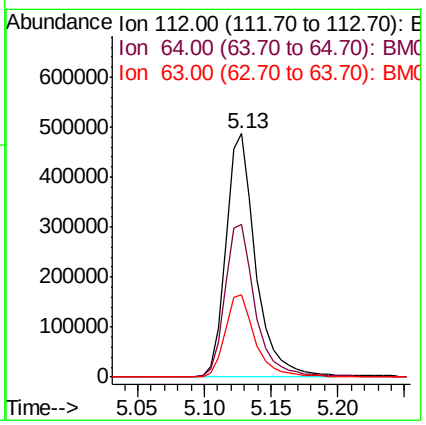


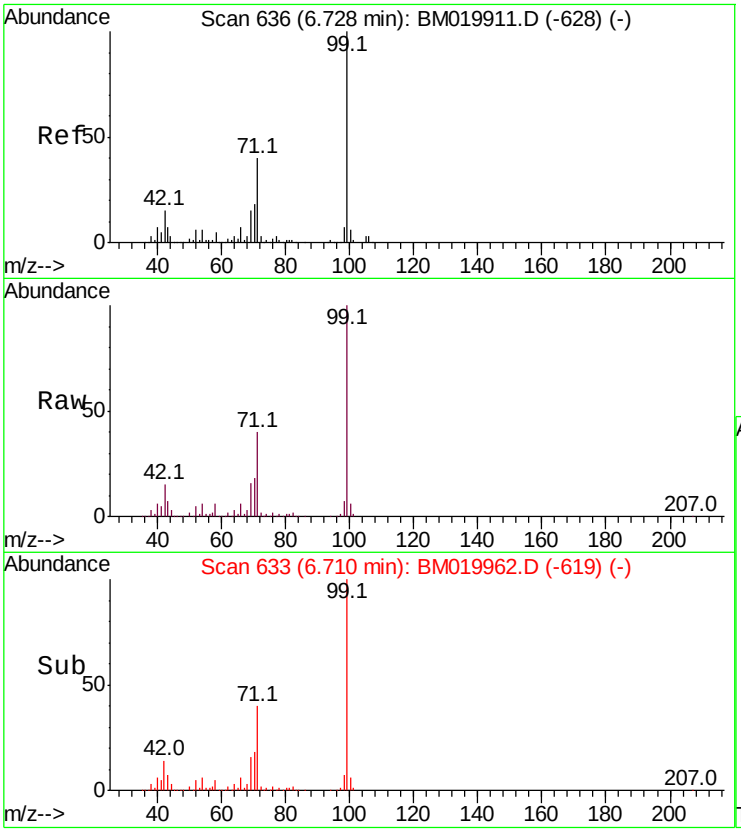


#5
2-Fluorophenol
Concen: 123.970 ng
RT: 5.13 min Scan# 364
Delta R.T. -0.02 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Tgt Ion:112 Resp: 760547

Ion	Ratio	Lower	Upper
112	100		
64	62.7	49.1	73.7
63	34.0	26.5	39.7



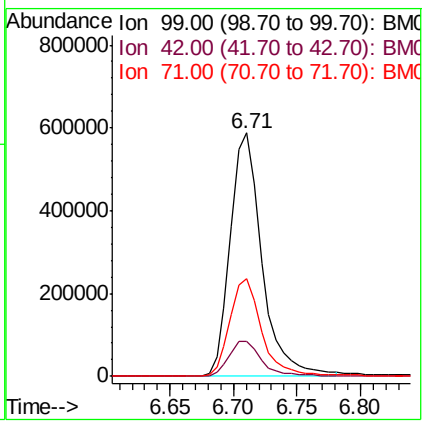


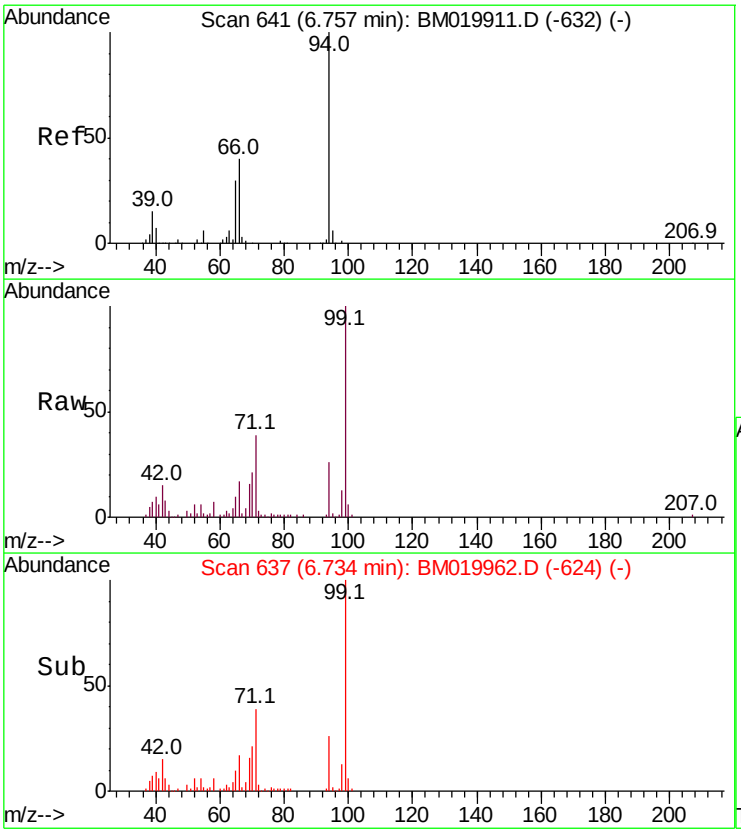
#7
Phenol-d6
Concen: 110.314 ng
RT: 6.71 min Scan# 633
Delta R.T. -0.02 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 1018529

Ion	Ratio	Lower	Upper
99	100		
42	14.5	11.8	17.8
71	40.1	32.0	48.0

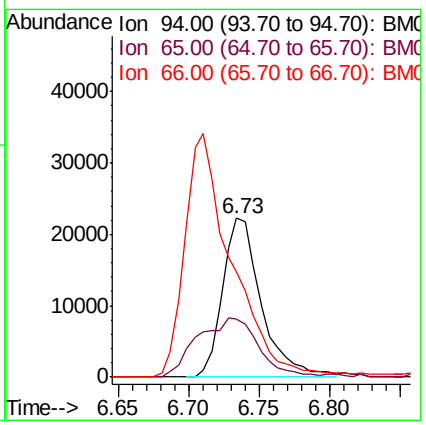


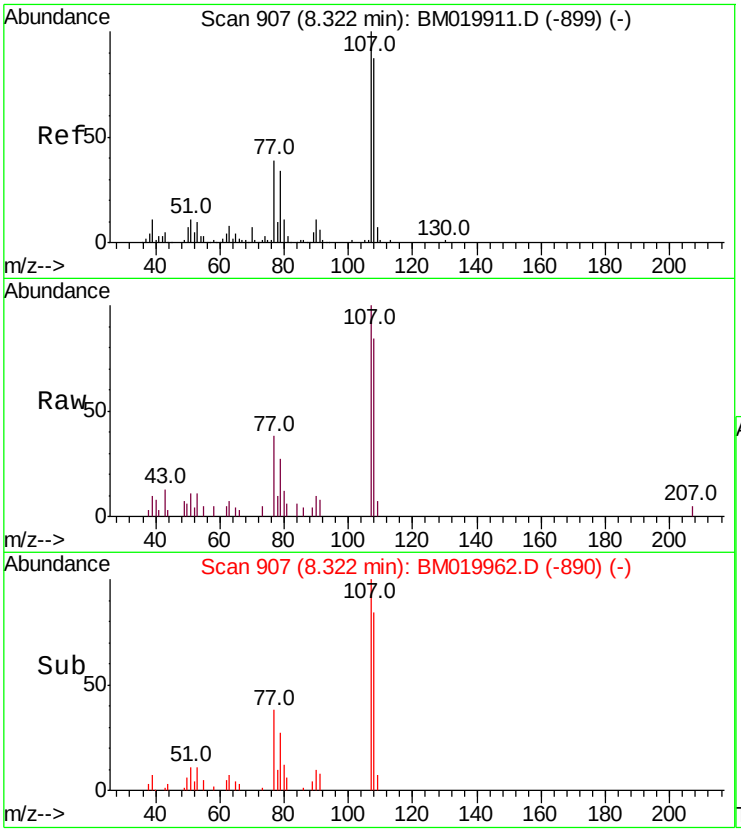


#10
Phenol
Concen: 4.218 ng
RT: 6.73 min Scan# 637
Delta R.T. -0.02 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Tgt Ion: 94 Resp: 42552

Ion	Ratio	Lower	Upper
94	100		
65	36.9	10.0	50.0
66	66.2	20.2	60.2#



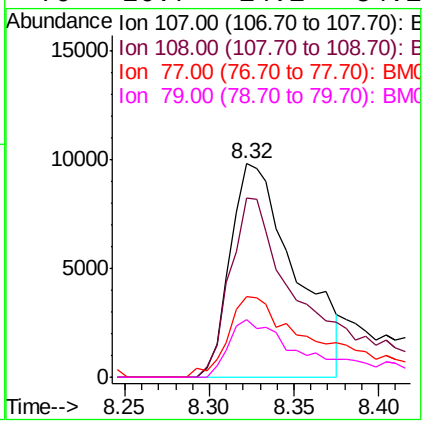


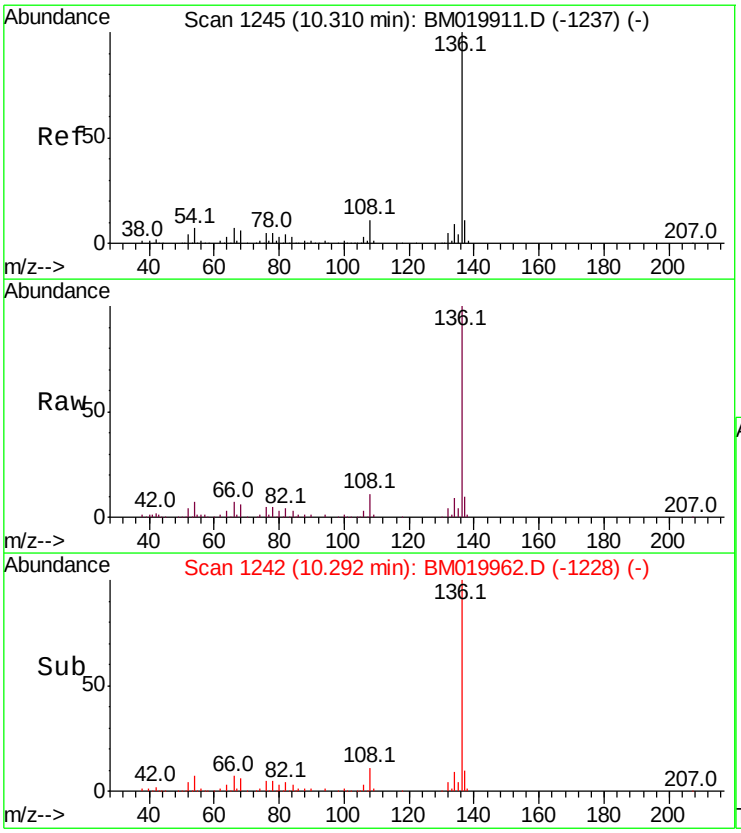
#20
3+4-Methylphenols
Concen: 2.857 ng
RT: 8.32 min Scan# 907
Delta R.T. -0.00 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:107 Resp: 26203

Ion	Ratio	Lower	Upper
107	100		
108	84.2	67.4	107.4
77	37.9	19.7	59.7
79	26.7	14.1	54.1

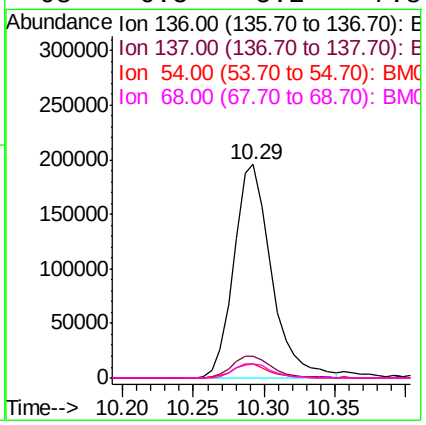


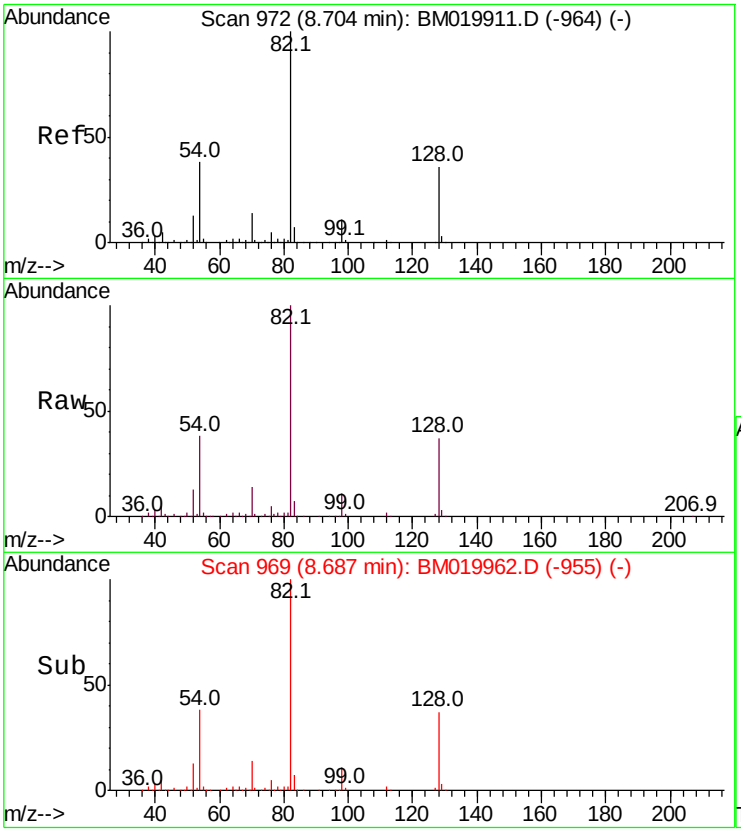


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1242
Delta R.T. -0.02 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Tgt Ion:136 Resp: 364876

Ion	Ratio	Lower	Upper
136	100		
137	10.3	9.0	13.6
54	6.6	5.3	7.9
68	6.5	5.2	7.8



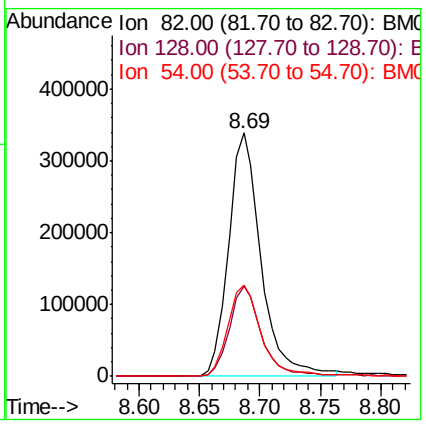


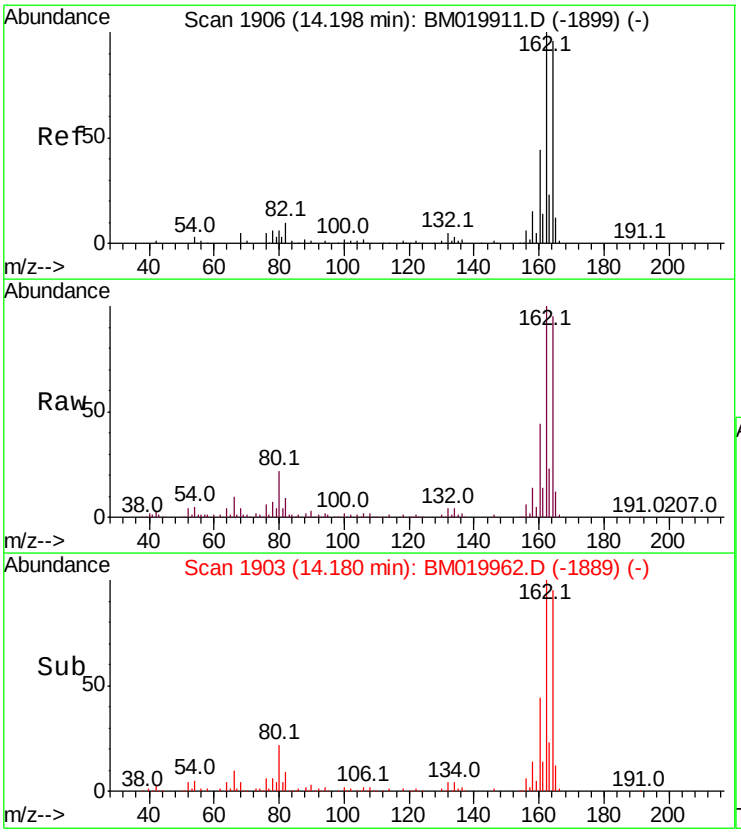
#23
Nitrobenzene-d5
Concen: 77.738 ng
RT: 8.69 min Scan# 969
Delta R.T. -0.02 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 634260

Ion	Ratio	Lower	Upper
82	100		
128	36.9	29.0	43.4
54	37.5	30.2	45.4

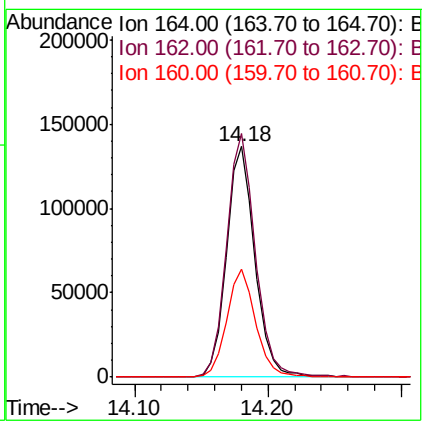


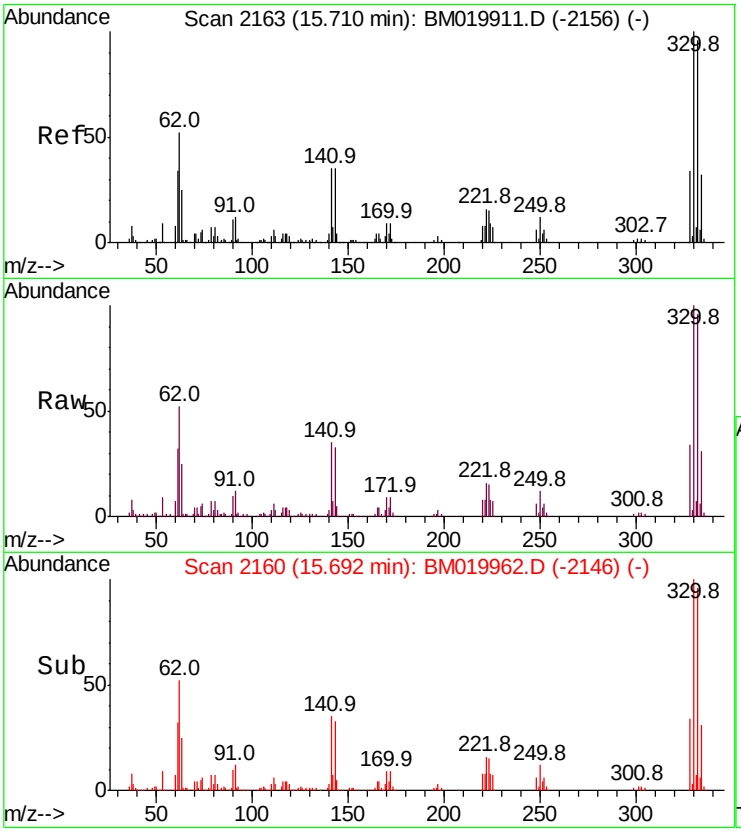


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.18 min Scan# 1903
Delta R.T. -0.02 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Tgt Ion:164 Resp: 203903

Ion	Ratio	Lower	Upper
164	100		
162	105.5	83.0	124.4
160	46.7	36.6	55.0



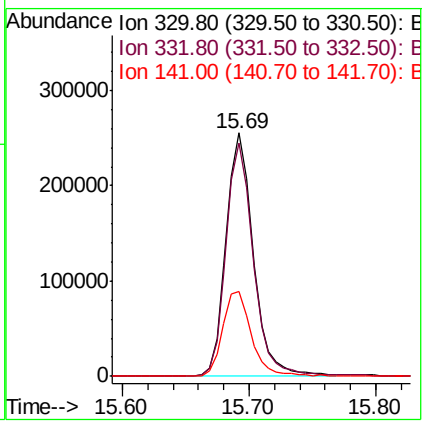


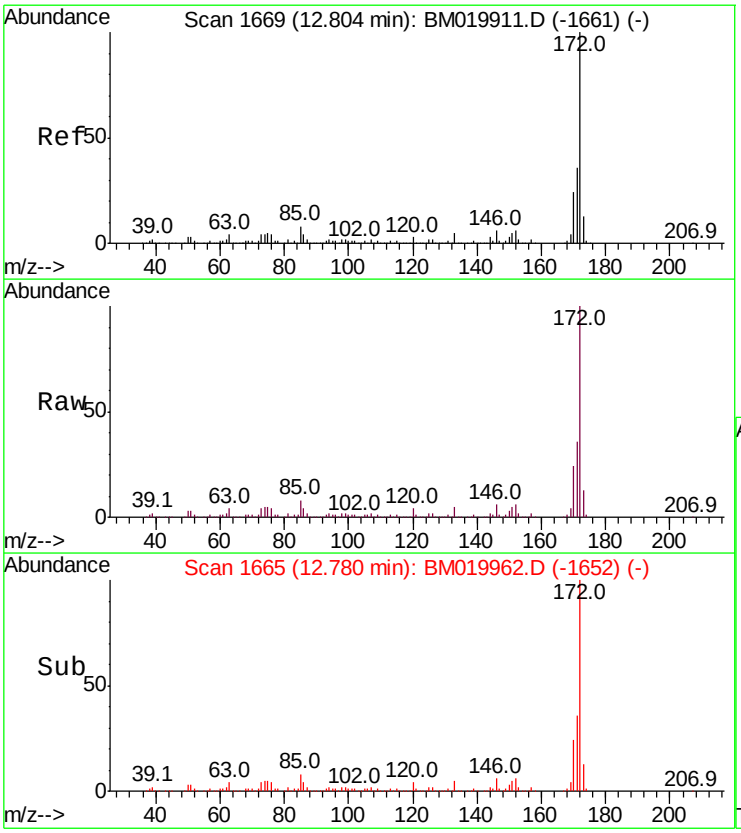
#42
2,4,6-Tribromophenol
Concen: 116.551 ng
RT: 15.69 min Scan# 2160
Delta R.T. -0.02 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 382551

Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	36.9	29.0	43.4

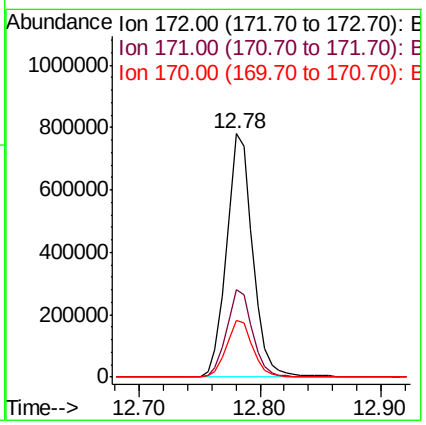


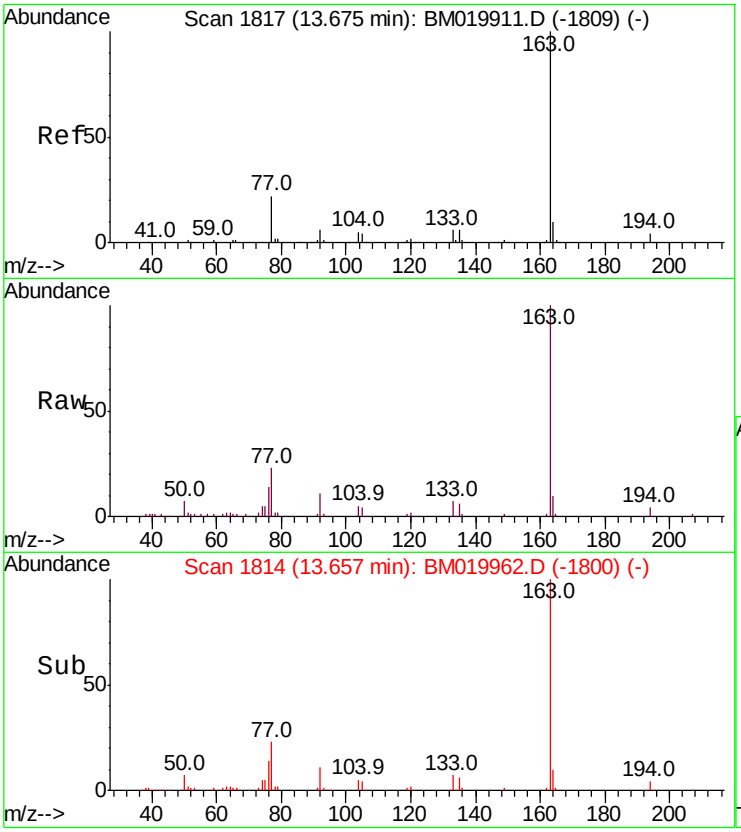


#45
2-Fluorobiphenyl
Concen: 71.840 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.02 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Tgt Ion:172 Resp: 1175422

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.9	43.3
170	23.5	19.0	28.4



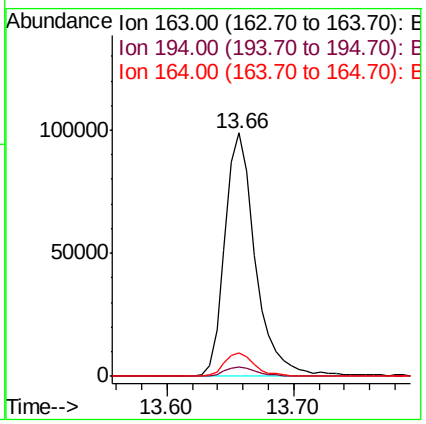


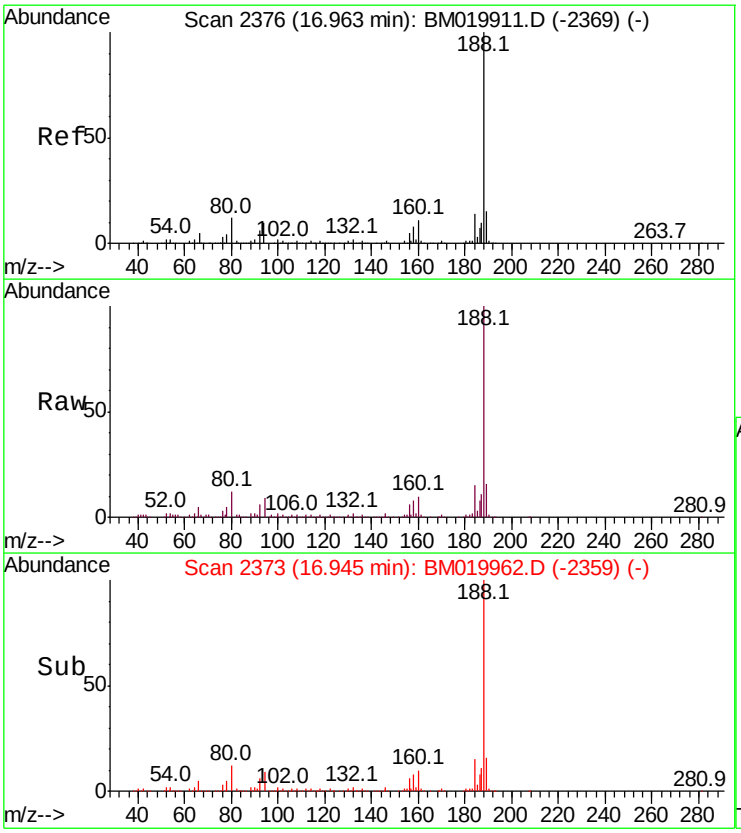
#50
Dimethylphthalate
Concen: 9.185 ng
RT: 13.66 min Scan# 1814
Delta R.T. -0.02 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:163 Resp: 165191

Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.1	4.7
164	9.5	7.9	11.9

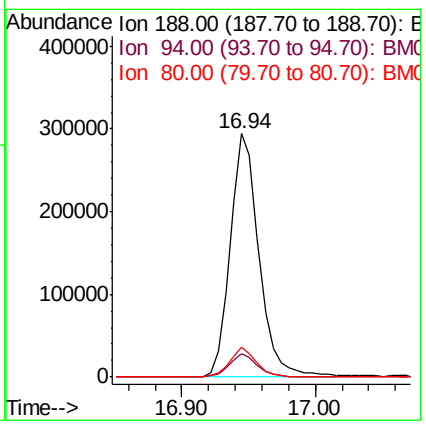


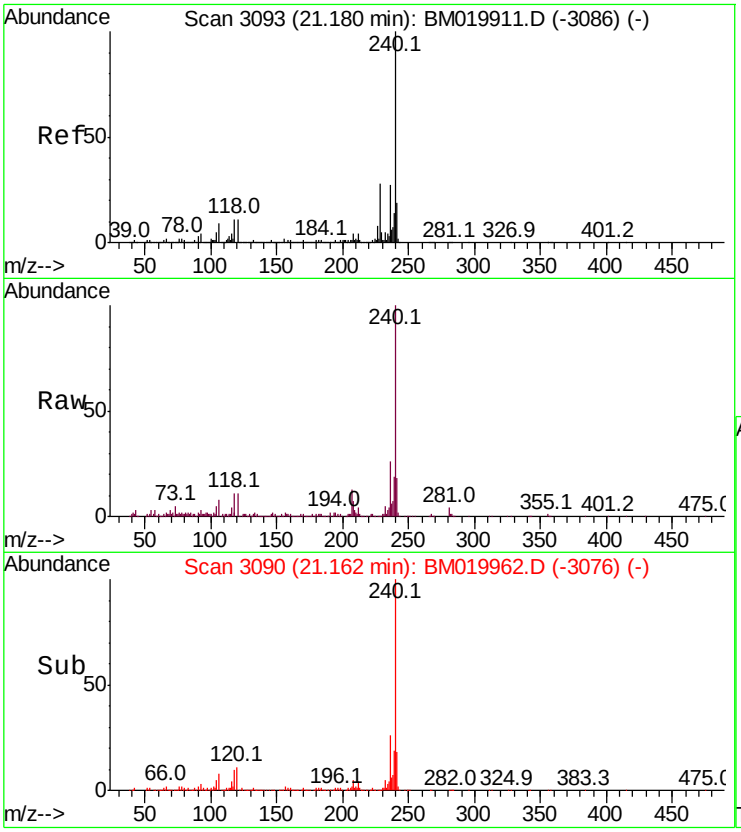


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2373
Delta R.T. -0.02 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Tgt Ion:188 Resp: 441718

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.6	11.4
80	12.1	9.4	14.0



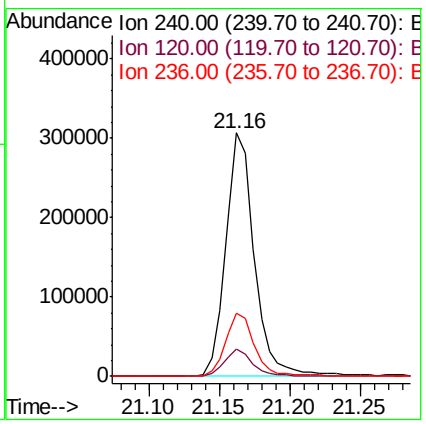


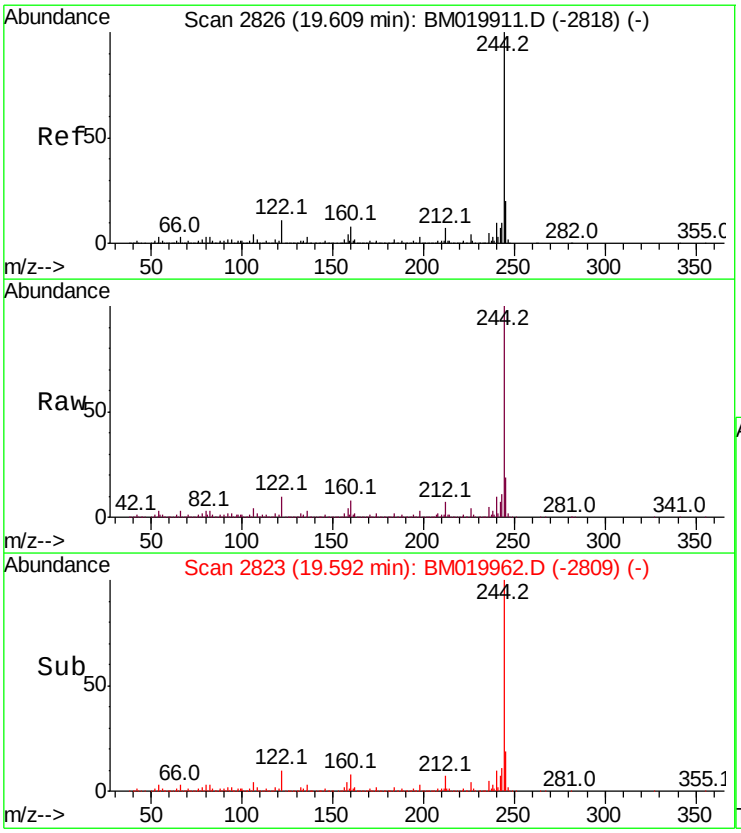
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. -0.02 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:240 Resp: 431696

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.6	13.0
236	26.1	21.4	32.2

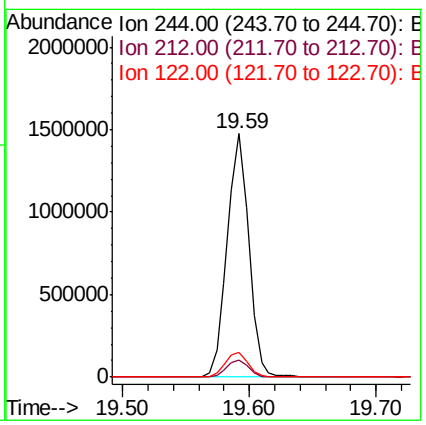


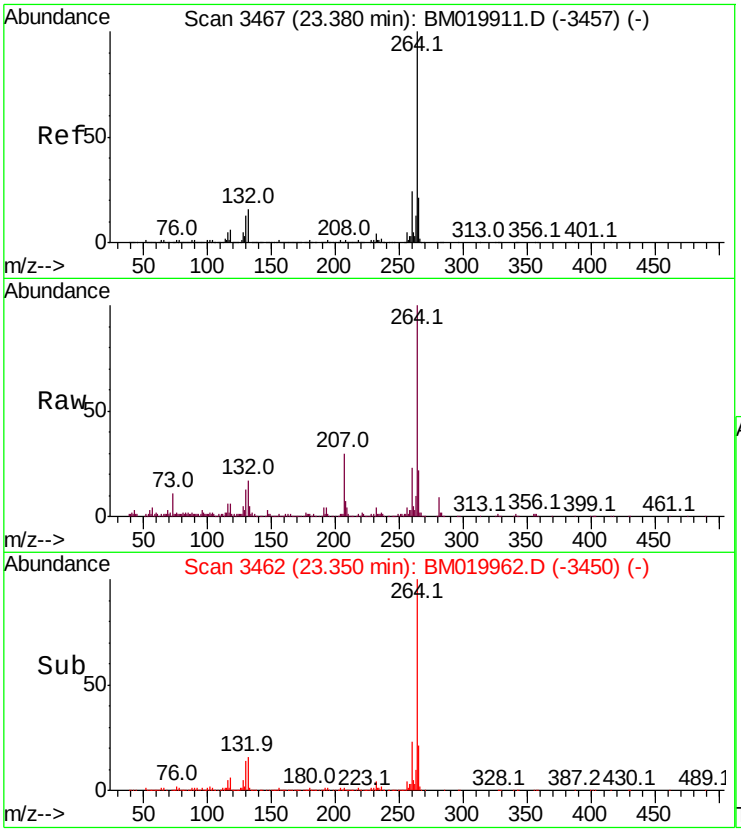


#79
Terphenyl-d14
Concen: 71.334 ng
RT: 19.59 min Scan# 2823
Delta R.T. -0.02 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Tgt Ion:244 Resp: 1745904

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.4	9.1	13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.35 min Scan# 3462
Delta R.T. -0.03 min
Lab File: BM019962.D
Acq: 18 Apr 2019 20:20

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 538324

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.2	28.8
265	22.4	17.2	25.8