Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM013019\
Data File : BM018696.D
Acq On : 30 Jan 2019 15:23
Operator : JU/SJ
Sample : K1272-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TS-01-012819

Quant Time: Jan 30 16:23:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	254090	20.00	ng	-0.02
21) Naphthalene-d8	10.51	136	955366	20.00	ng	-0.02
39) Acenaphthene-d10	14.37	164	477287	20.00	ng	-0.02
64) Phenanthrene-d10	17.12	188	990334	20.00	ng	-0.02
76) Chrysene-d12	21.32	240	1128778	20.00	ng	-0.02
87) Perylene-d12	23.59	264	1220362	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	2111460	153.44	ng	-0.02
7) Phenol-d6	6.90	99	2629262	150.44	ng	-0.01
23) Nitrobenzene-d5	8.89	82	1587070	96.30	ng	-0.02
42) 2,4,6-Tribromophenol	15.87	330	870069	143.17	ng	-0.02
45) 2-Fluorobiphenyl	12.99	172	2862893	78.27	ng	-0.02
79) Terphenyl-d14	19.76	244	3642972	68.03	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.92	94	117063	6.591	ng	93
50) Dimethylphthalate	13.83	163	211787	5.403	ng	99
84) Bis(2-ethylhexyl)phthalate	21.23	149	318990	7.737	ng	98

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

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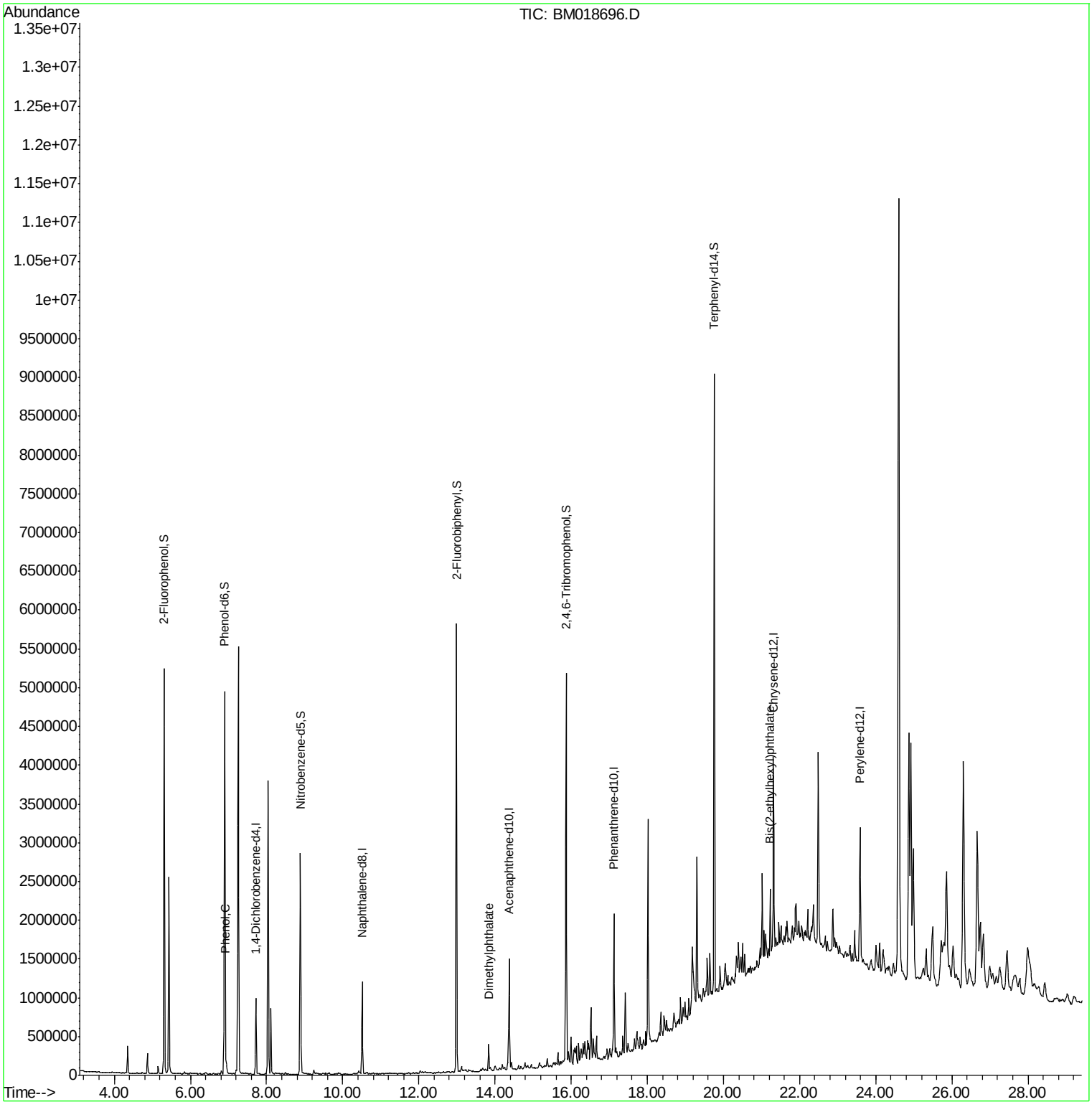
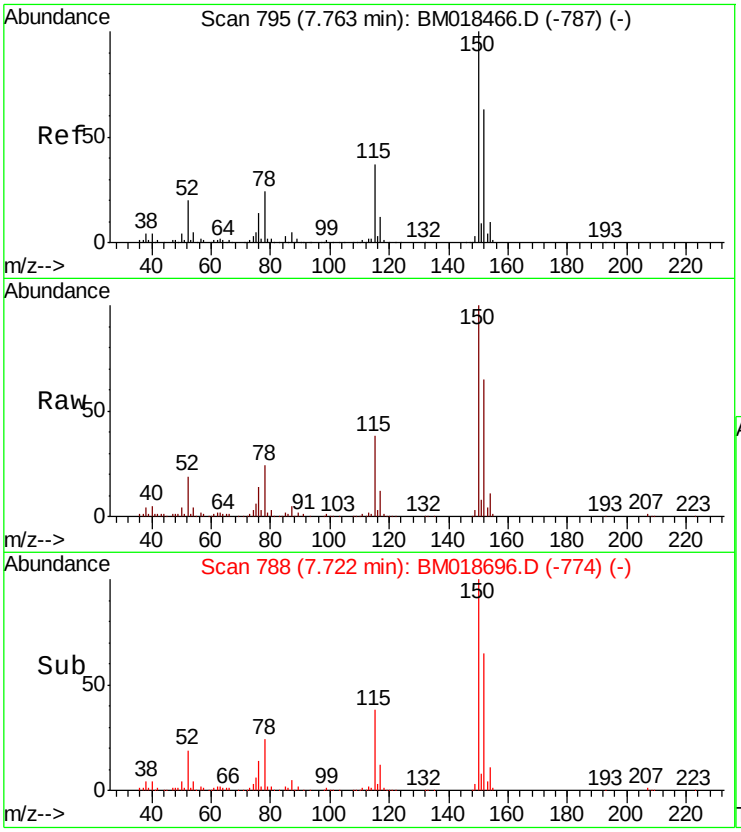


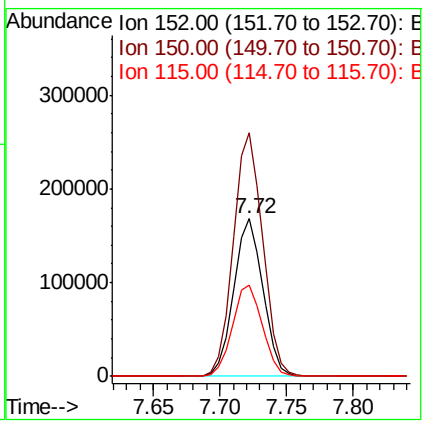


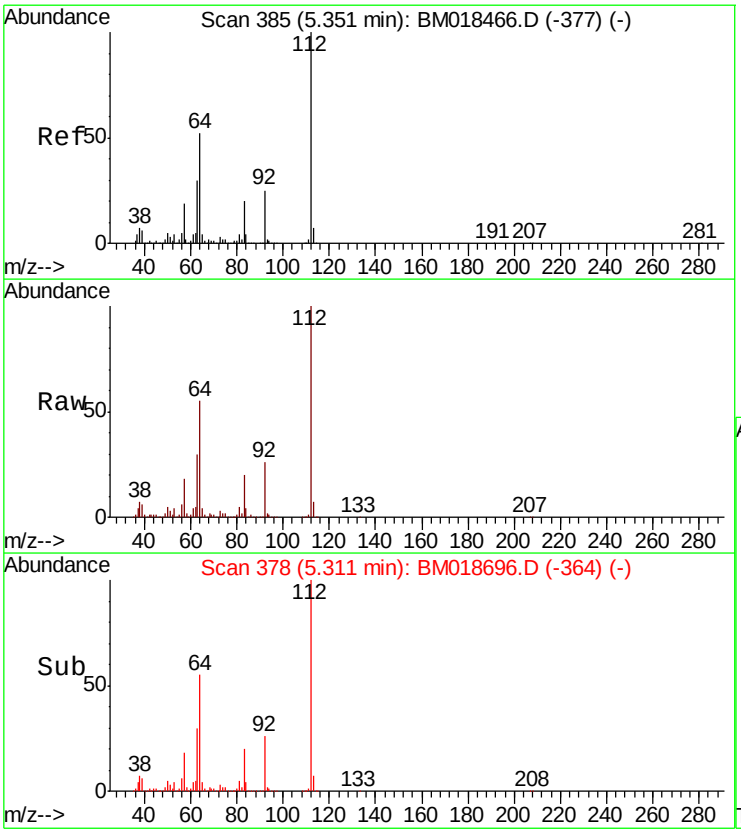
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 788
Delta R.T. -0.02 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Instrument :
BNA_M
ClientSampleId :
TS-01-012819

Tgt Ion:152 Resp: 254090

Ion	Ratio	Lower	Upper
152	100		
150	154.7	126.9	190.3
115	58.2	45.5	68.3

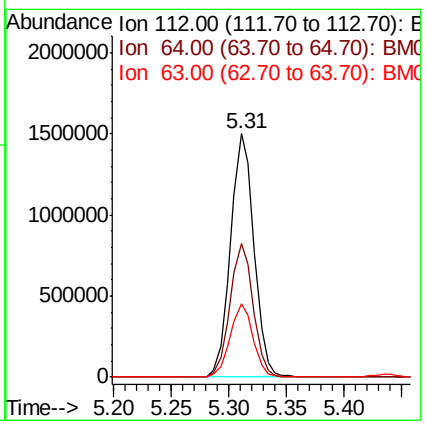


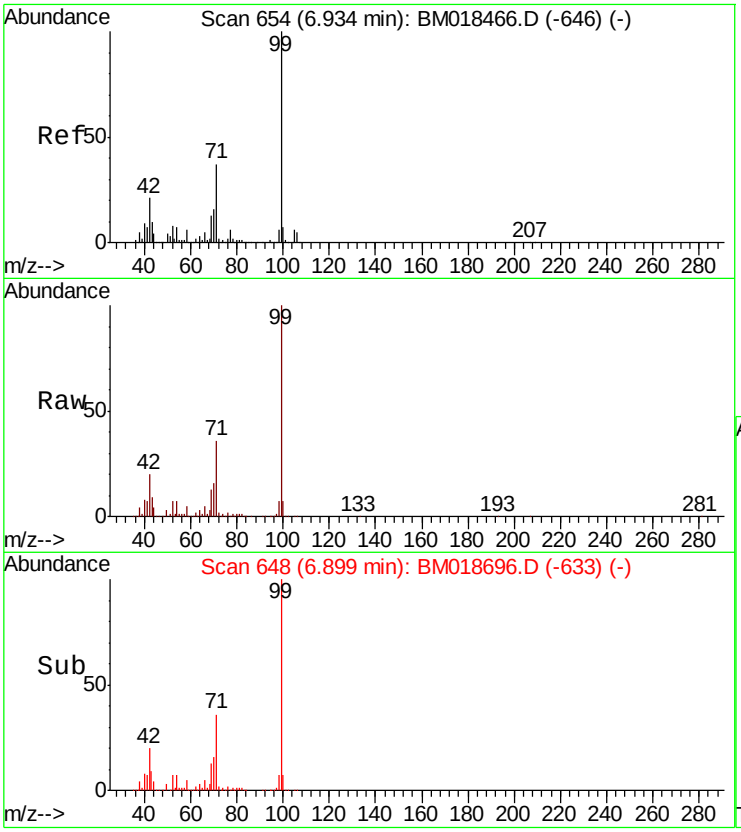


#5
2-Fluorophenol
Concen: 153.441 ng
RT: 5.31 min Scan# 378
Delta R.T. -0.02 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Tgt Ion:112 Resp: 2111460

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.5	69.7
63	29.9	25.2	37.8



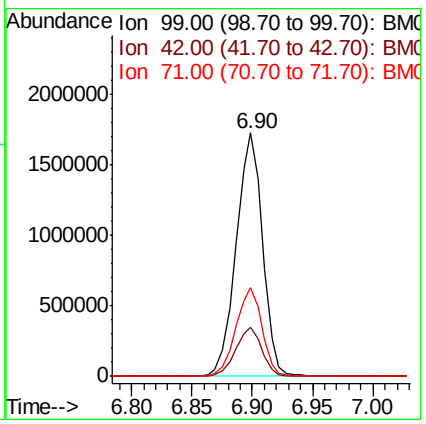


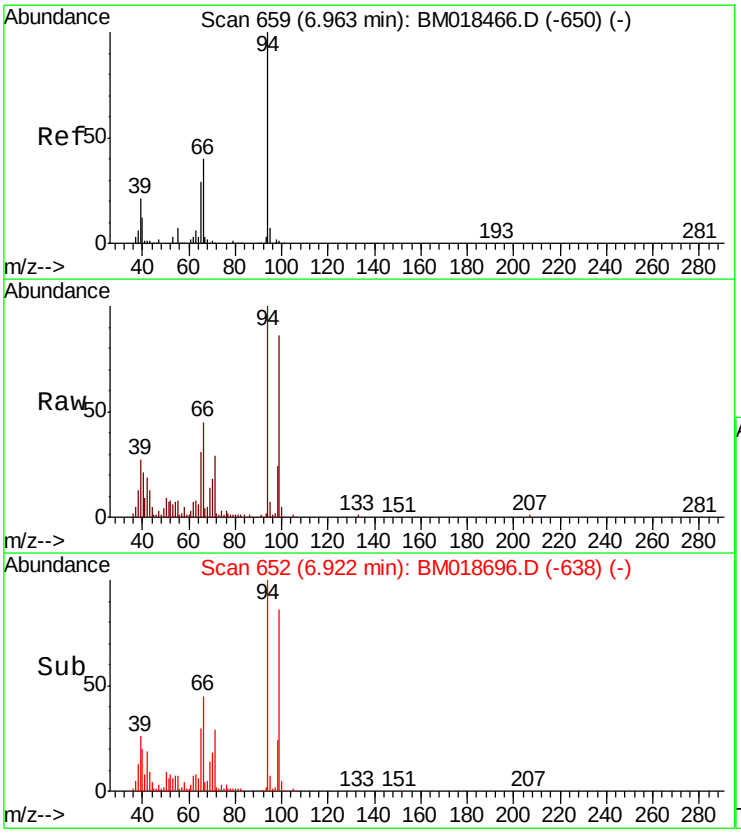
#7
Phenol-d6
Concen: 150.435 ng
RT: 6.90 min Scan# 648
Delta R.T. -0.01 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Instrument :
BNA_M
ClientSampleId :
TS-01-012819

Tgt Ion: 99 Resp: 2629262

Ion	Ratio	Lower	Upper
99	100		
42	20.0	17.3	25.9
71	36.2	28.0	42.0

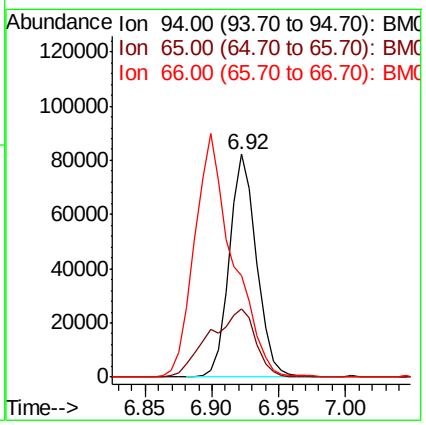


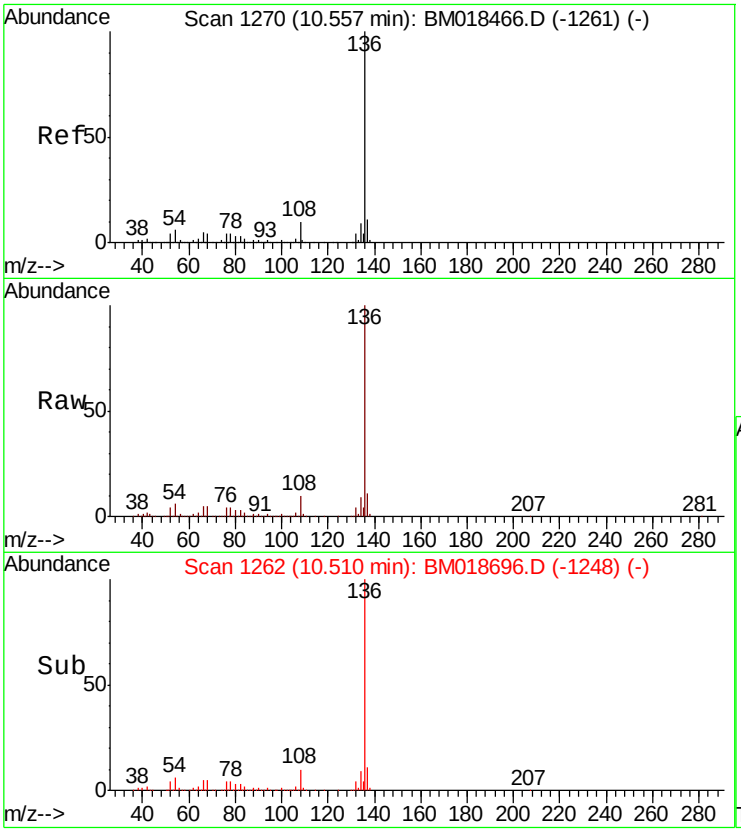


#10
Phenol
Concen: 6.591 ng
RT: 6.92 min Scan# 652
Delta R.T. -0.02 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Tgt Ion: 94 Resp: 117063

Ion	Ratio	Lower	Upper
94	100		
65	30.7	9.4	49.4
66	45.4	19.1	59.1



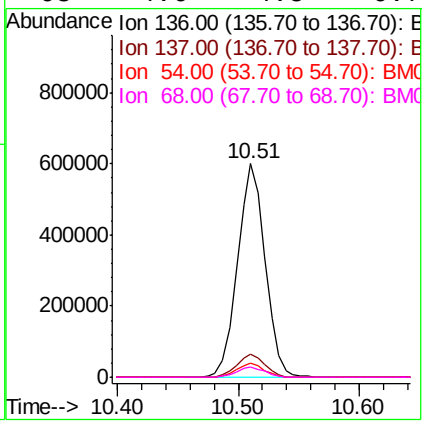


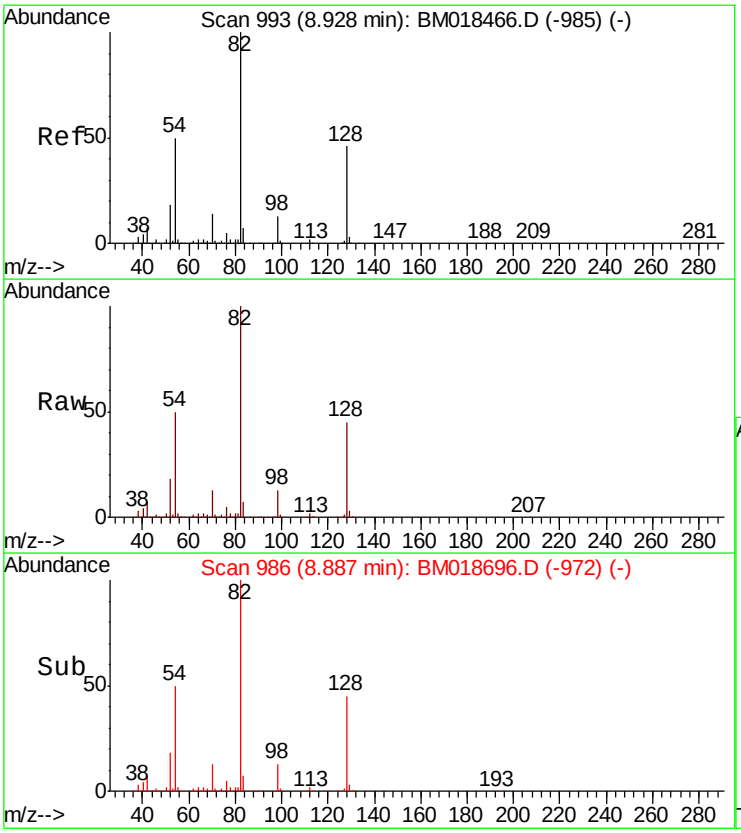
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Instrument :
BNA_M
ClientSampleId :
TS-01-012819

Tgt Ion:136 Resp: 955366

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	6.5	6.0	9.0
68	4.6	4.5	6.7

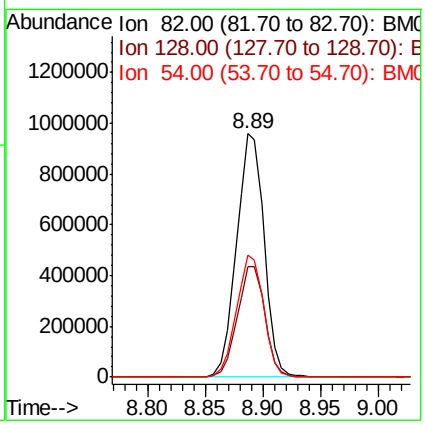


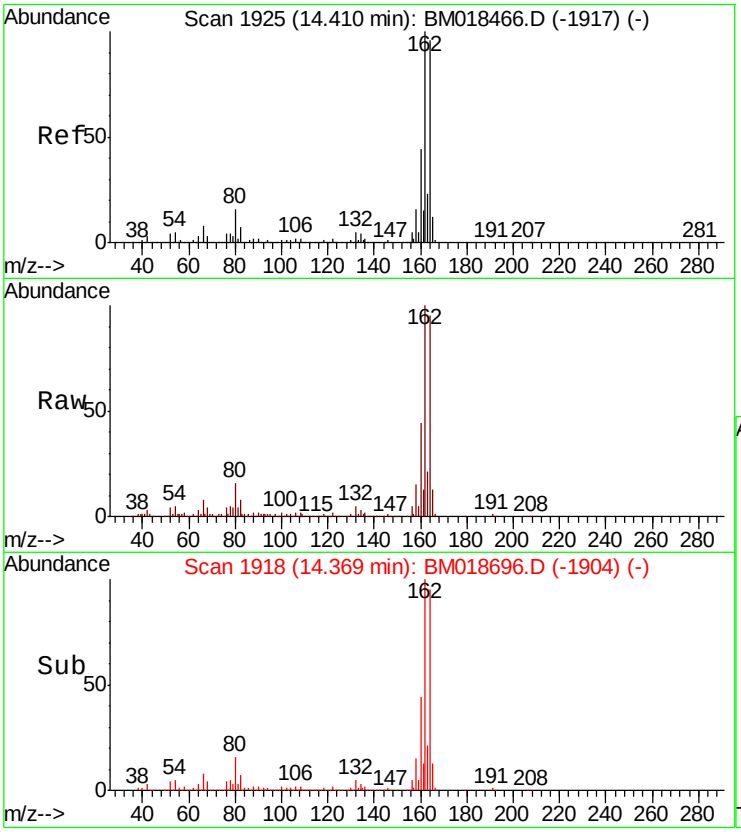


#23
Nitrobenzene-d5
Concen: 96.302 ng
RT: 8.89 min Scan# 986
Delta R.T. -0.02 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Tgt Ion: 82 Resp: 1587070

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.3	54.5
54	50.1	41.7	62.5



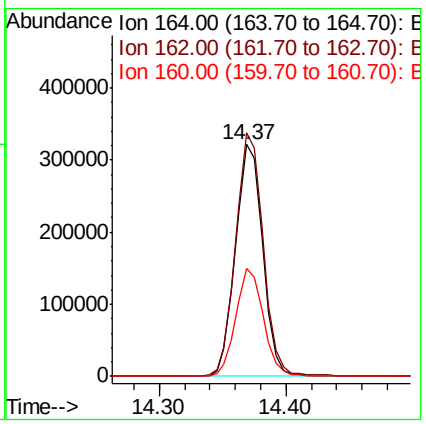


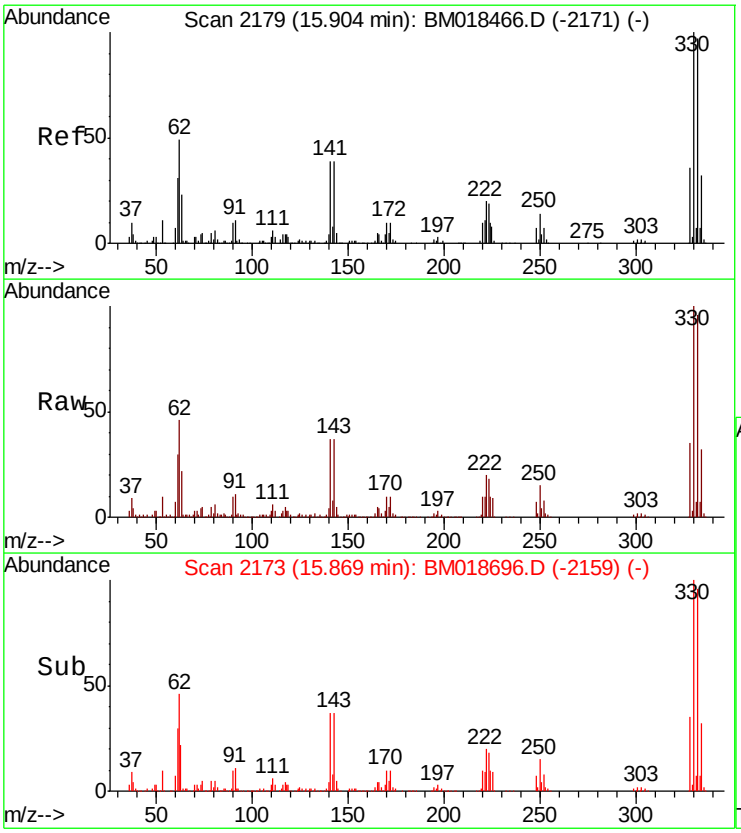
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. -0.02 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Instrument :
BNA_M
ClientSampleId :
TS-01-012819

Tgt Ion:164 Resp: 477287

Ion	Ratio	Lower	Upper
164	100		
162	104.9	83.0	124.4
160	46.6	37.1	55.7

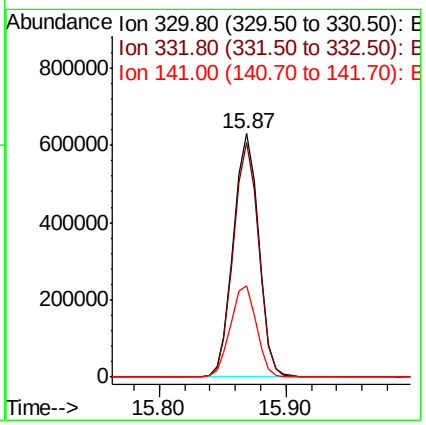


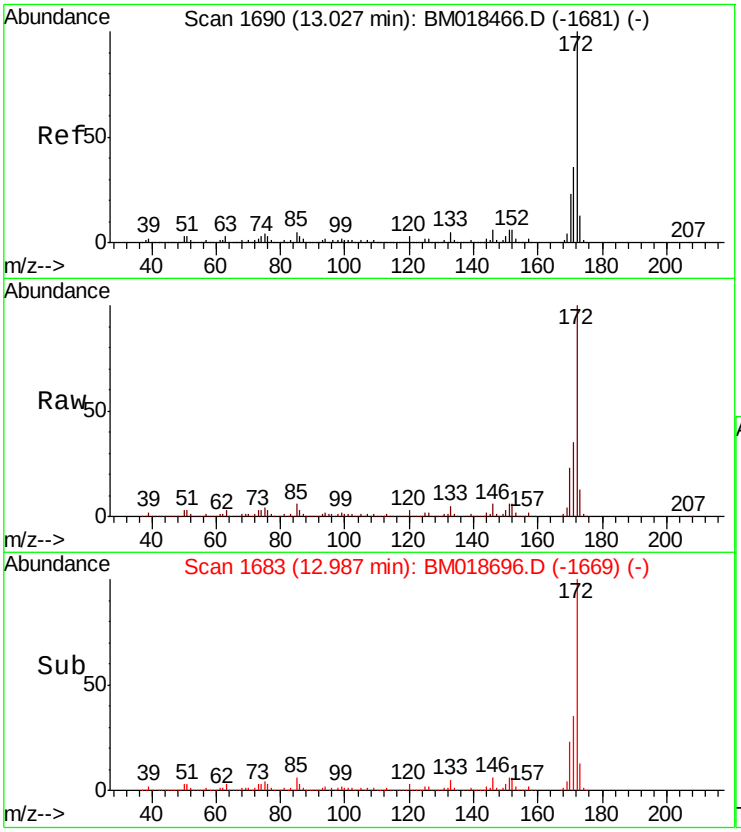


#42
2,4,6-Tribromophenol
Concen: 143.169 ng
RT: 15.87 min Scan# 2173
Delta R.T. -0.02 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Tgt Ion:330 Resp: 870069

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	38.2	31.7	47.5



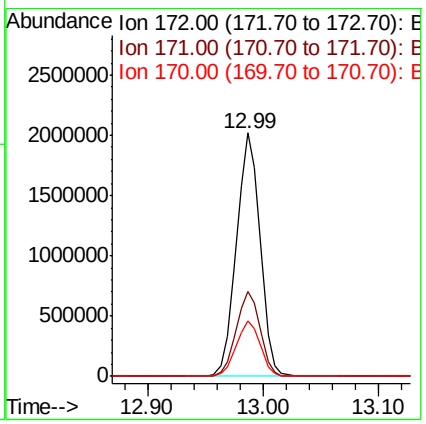


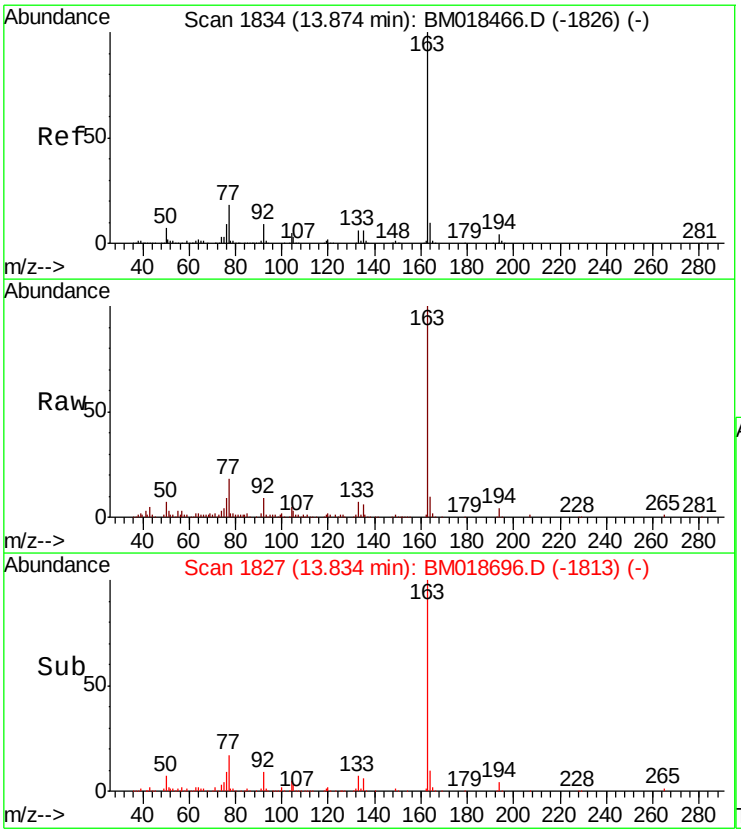
#45
2-Fluorobiphenyl
Concen: 78.269 ng
RT: 12.99 min Scan# 1683
Delta R.T. -0.02 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Instrument :
BNA_M
ClientSampleId :
TS-01-012819

Tgt Ion:172 Resp: 2862893

Ion	Ratio	Lower	Upper
172	100		
171	35.0	28.2	42.4
170	23.0	18.9	28.3

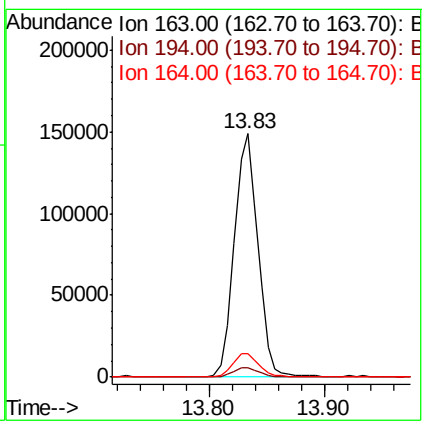


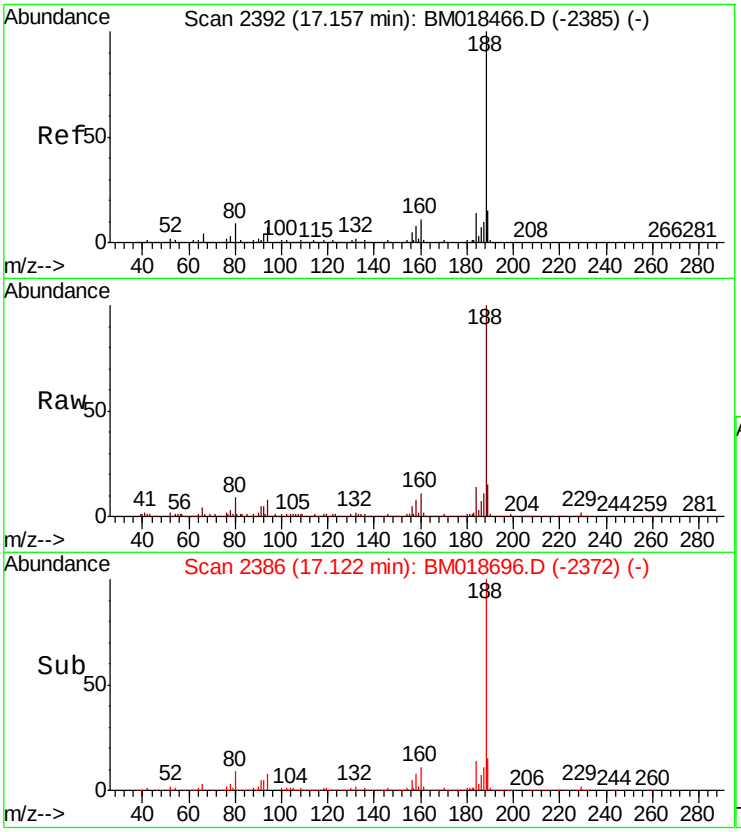


#50
Dimethylphthalate
Concen: 5.403 ng
RT: 13.83 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Tgt Ion:163 Resp: 211787

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.5	7.8	11.8



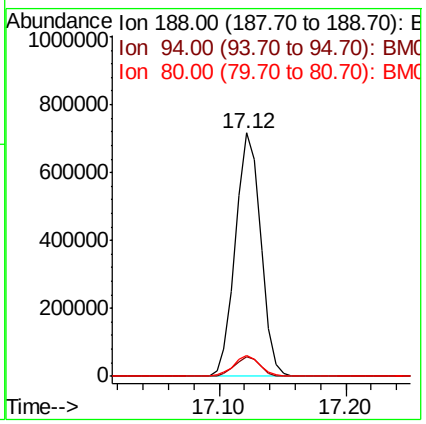


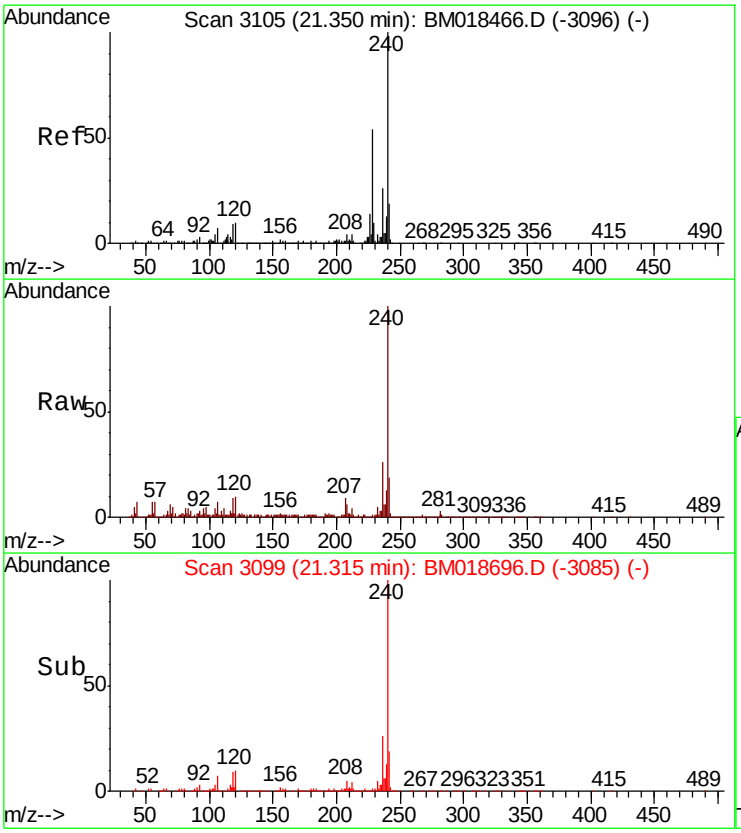
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. -0.02 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Instrument :
BNA_M
ClientSampleId :
TS-01-012819

Tgt Ion:188 Resp: 990334

Ion	Ratio	Lower	Upper
188	100		
94	7.8	7.1	10.7
80	8.8	7.6	11.4

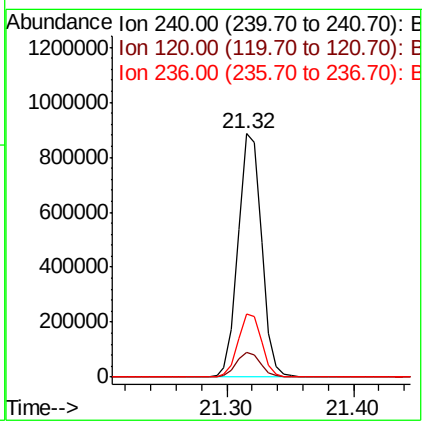


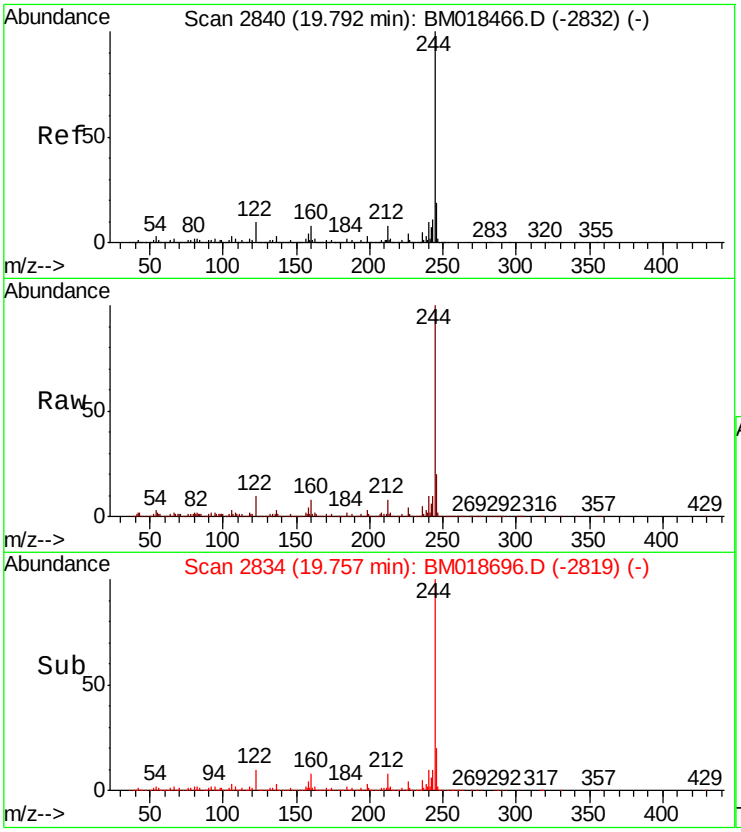


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.32 min Scan# 3099
Delta R.T. -0.02 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Tgt Ion:240 Resp: 1128778

Ion	Ratio	Lower	Upper
240	100		
120	10.0	8.4	12.6
236	26.2	20.7	31.1



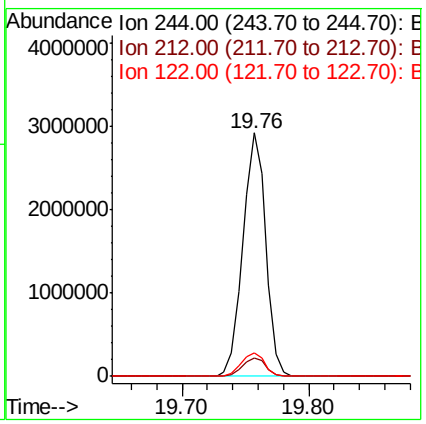


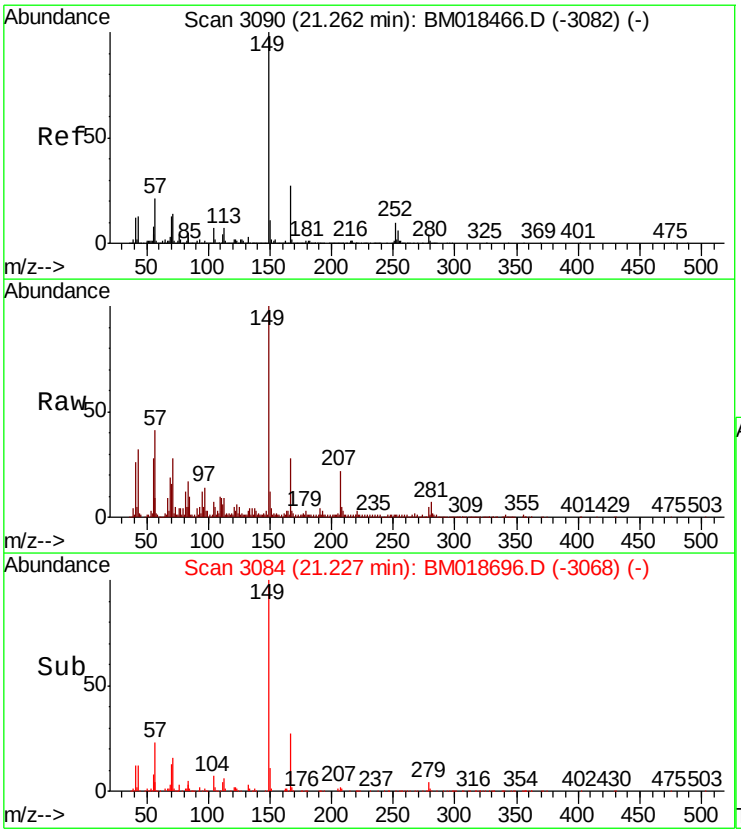
#79
Terphenyl-d14
Concen: 68.034 ng
RT: 19.76 min Scan# 2834
Delta R.T. -0.01 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Instrument :
BNA_M
ClientSampleId :
TS-01-012819

Tgt Ion:244 Resp: 3642972

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.9	9.0	13.4

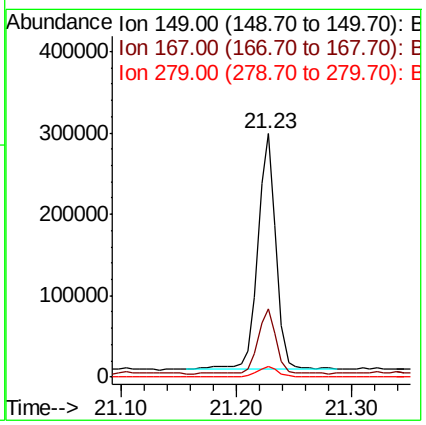


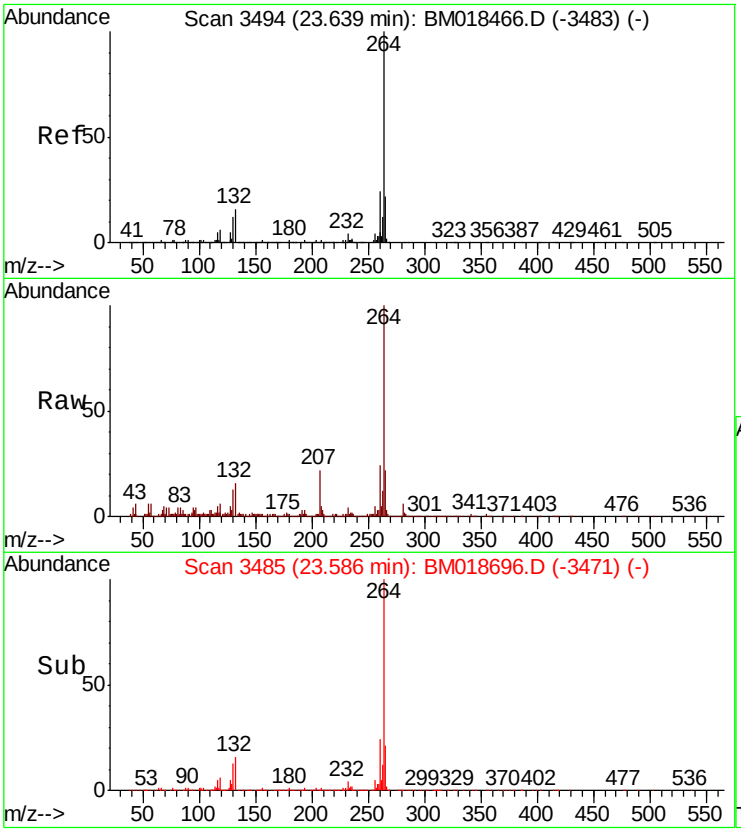


#84
Bis(2-ethylhexyl)phthalate
Concen: 7.737 ng
RT: 21.23 min Scan# 3084
Delta R.T. -0.01 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Tgt Ion:149 Resp: 318990

Ion	Ratio	Lower	Upper
149	100		
167	27.8	21.6	32.4
279	4.6	3.3	4.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.59 min Scan# 3485
Delta R.T. -0.02 min
Lab File: BM018696.D
Acq: 30 Jan 2019 15:23

Instrument :
BNA_M
ClientSampleId :
TS-01-012819

Tgt Ion:264 Resp: 1220362

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.2	16.8	25.2