Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020719\
Data File : BM018740.D
Acq On : 07 Feb 2019 16:41
Operator : JU/SJ
Sample : K1390-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-01(12-13)

Quant Time: Feb 11 15:23:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 04 15:10:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	210652	20.00	ng		0.00
21) Naphthalene-d8	10.51	136	767791	20.00	ng		0.00
39) Acenaphthene-d10	14.37	164	448391	20.00	ng		0.00
64) Phenanthrene-d10	17.12	188	891463	20.00	ng		0.00
76) Chrysene-d12	21.31	240	1026126	20.00	ng		0.00
87) Perylene-d12	23.57	264	1102515	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1719292	150.71	ng		0.00
7) Phenol-d6	6.89	99	2211162	152.60	ng		0.00
23) Nitrobenzene-d5	8.89	82	1410659	106.51	ng		0.00
42) 2,4,6-Tribromophenol	15.87	330	823248	144.19	ng		0.00
45) 2-Fluorobiphenyl	12.99	172	2969621	86.42	ng		0.00
79) Terphenyl-d14	19.75	244	4442472	91.26	ng		0.00
Target Compounds							Qvalue
37) 2-Methylnaphthalene	12.18	142	418506	16.019	ng		96
38) 1-Methylnaphthalene	12.40	142	218173	8.631	ng	#	89
46) 1,1'-Biphenyl	13.20	154	197881	5.054	ng		97
50) Dimethylphthalate	13.83	163	208246	5.655	ng	#	93
52) Acenaphthene	14.43	154	135397	5.001	ng	#	75
58) Fluorene	15.42	166	364183	10.930	ng	#	80
71) Phenanthrene	17.16	178	1894230	39.949	ng	#	95
78) Pyrene	19.55	202	308609	5.074	ng	#	76

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

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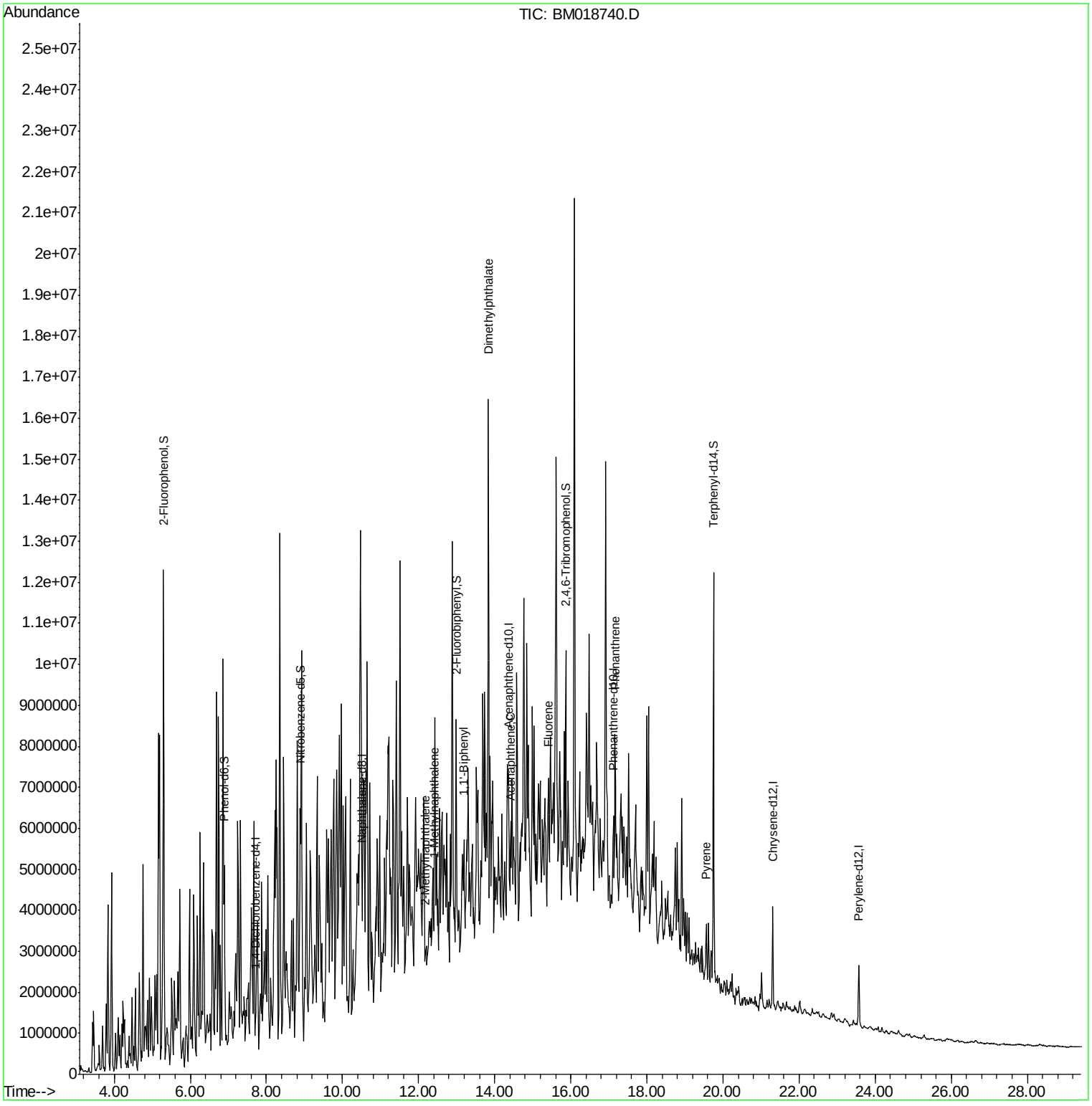
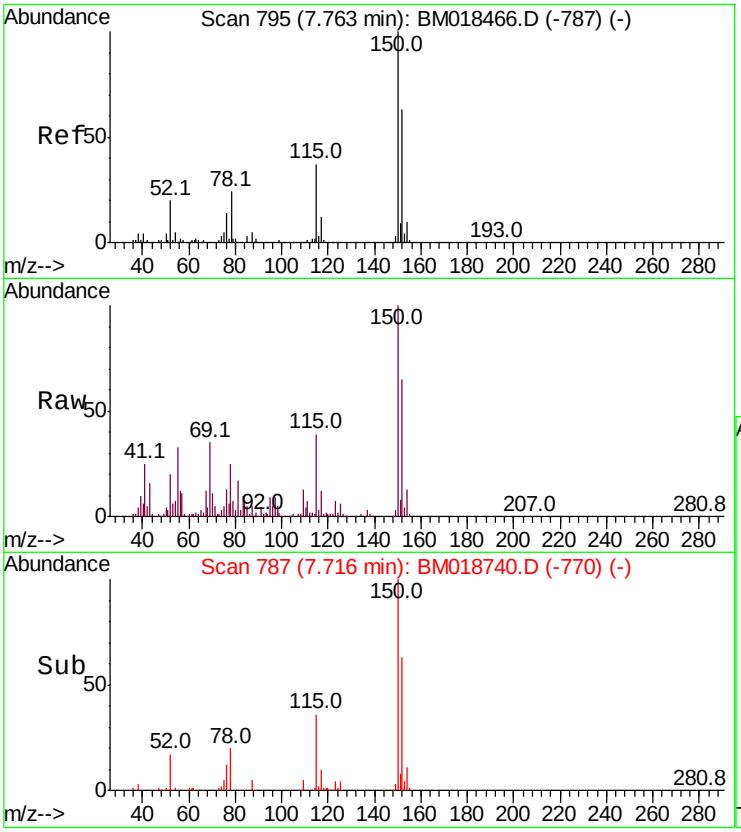


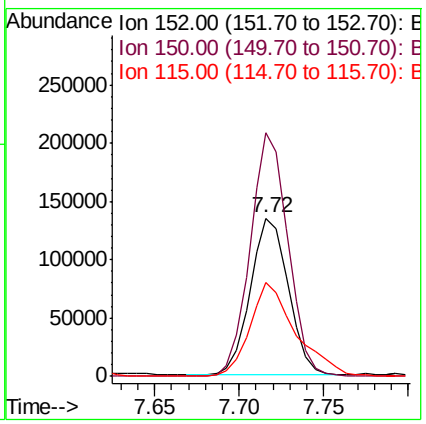


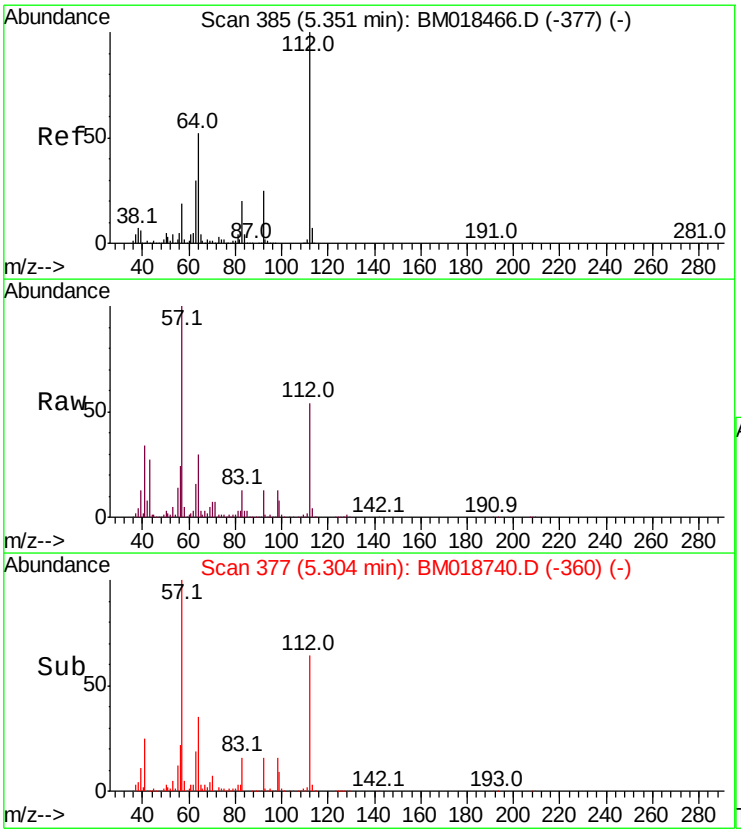
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.72 min Scan# 787
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

Tgt Ion:152 Resp: 210652

Ion	Ratio	Lower	Upper
152	100		
150	153.7	126.9	190.3
115	59.2	45.5	68.3

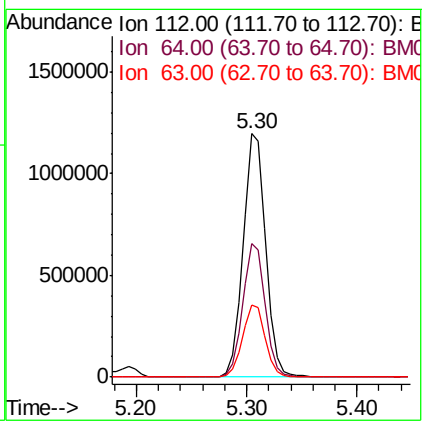


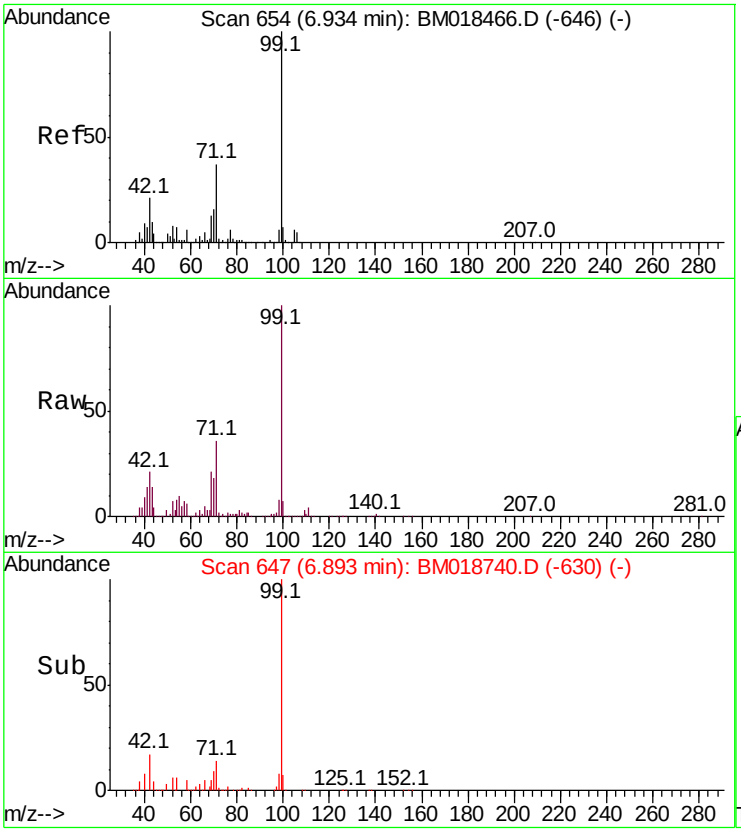


#5
2-Fluorophenol
Concen: 150.706 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:112 Resp: 1719292

Ion	Ratio	Lower	Upper
112	100		
64	55.0	46.5	69.7
63	29.7	25.2	37.8



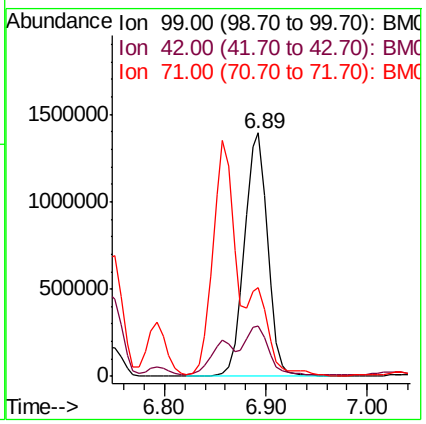


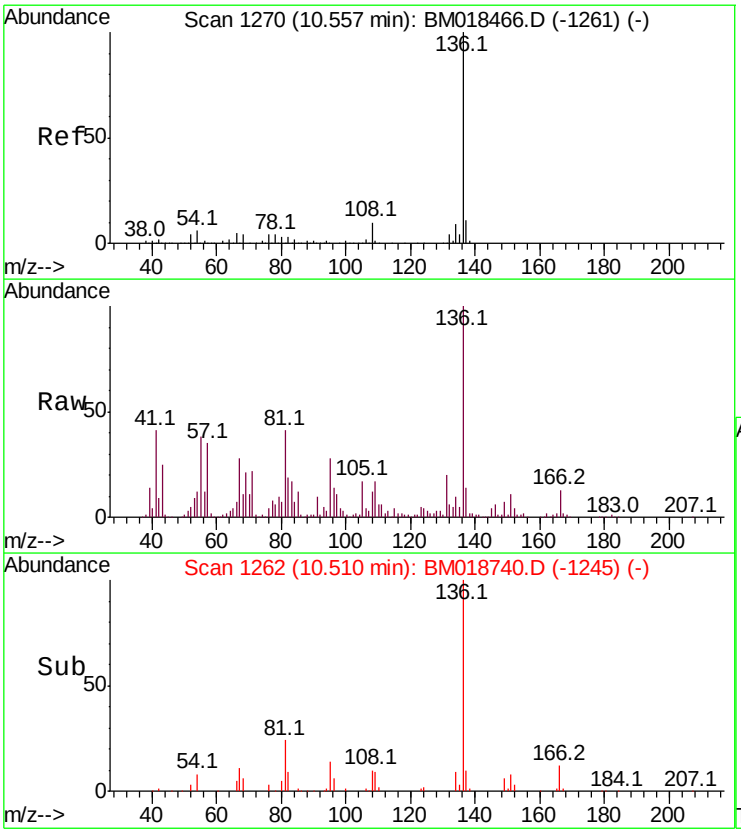
#7
Phenol-d6
Concen: 152.601 ng
RT: 6.89 min Scan# 647
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

Tgt Ion: 99 Resp: 2211162

Ion	Ratio	Lower	Upper
99	100		
42	20.7	17.3	25.9
71	36.4	28.0	42.0

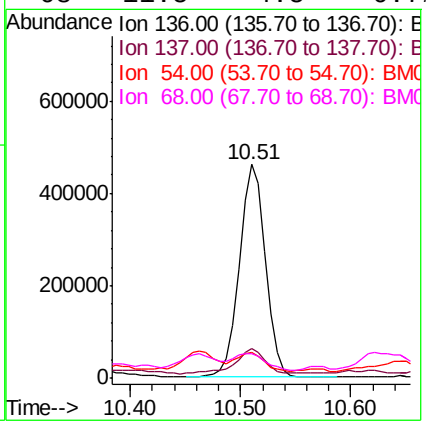


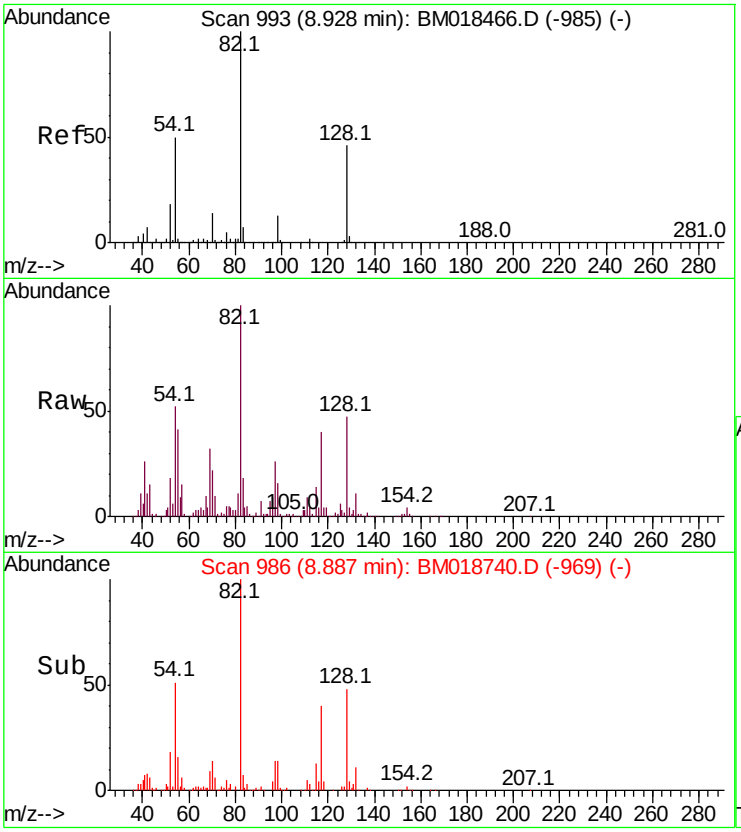


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.51 min Scan# 1262
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:136 Resp: 767791

Ion	Ratio	Lower	Upper
136	100		
137	13.8	8.5	12.7#
54	12.1	6.0	9.0#
68	11.5	4.5	6.7#



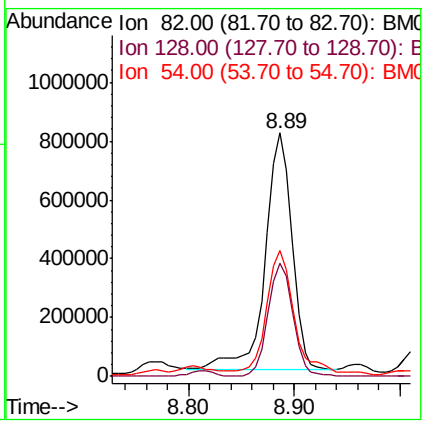


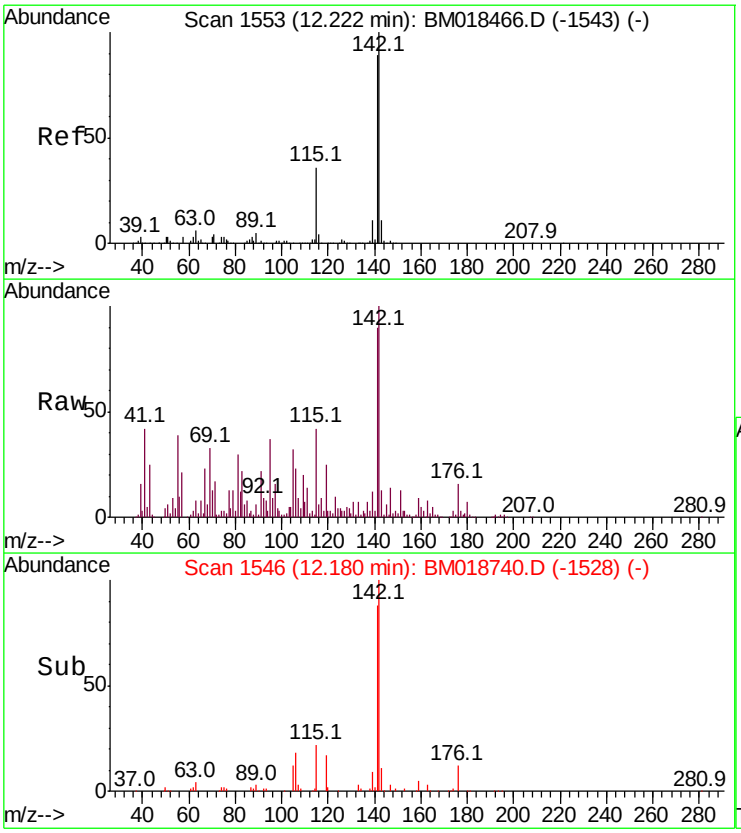
#23
Nitrobenzene-d5
Concen: 106.510 ng
RT: 8.89 min Scan# 986
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

Tgt Ion: 82 Resp: 1410659

Ion	Ratio	Lower	Upper
82	100		
128	46.5	36.3	54.5
54	51.6	41.7	62.5

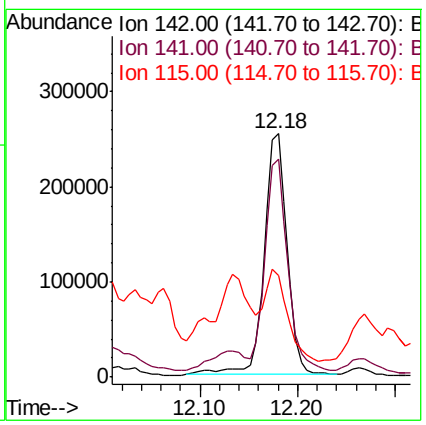


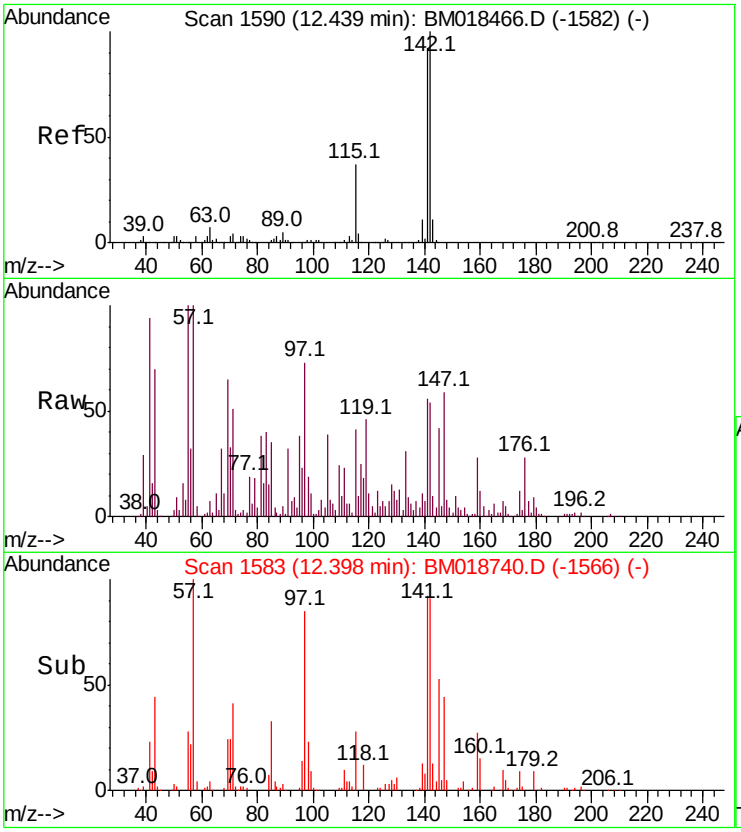


#37
2-Methylnaphthalene
Concen: 16.019 ng
RT: 12.18 min Scan# 1546
Delta R.T. 0.01 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:142 Resp: 418506

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2
115	41.8	28.0	42.0



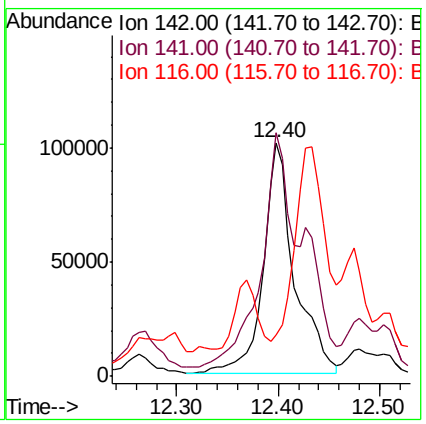


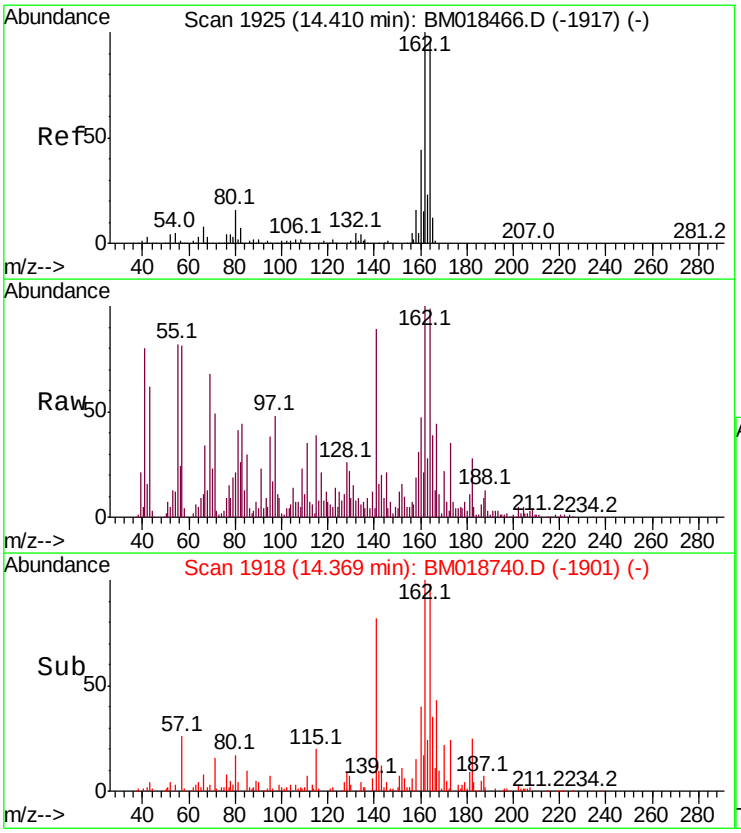
#38
1-Methylnaphthalene
Concen: 8.631 ng
RT: 12.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

Tgt Ion:142 Resp: 218173

Ion	Ratio	Lower	Upper
142	100		
141	104.3	75.6	113.4
116	18.0	3.0	4.6#

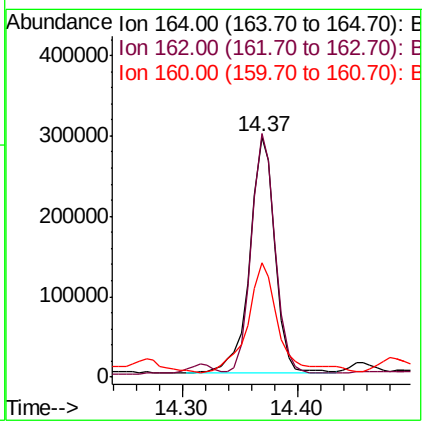


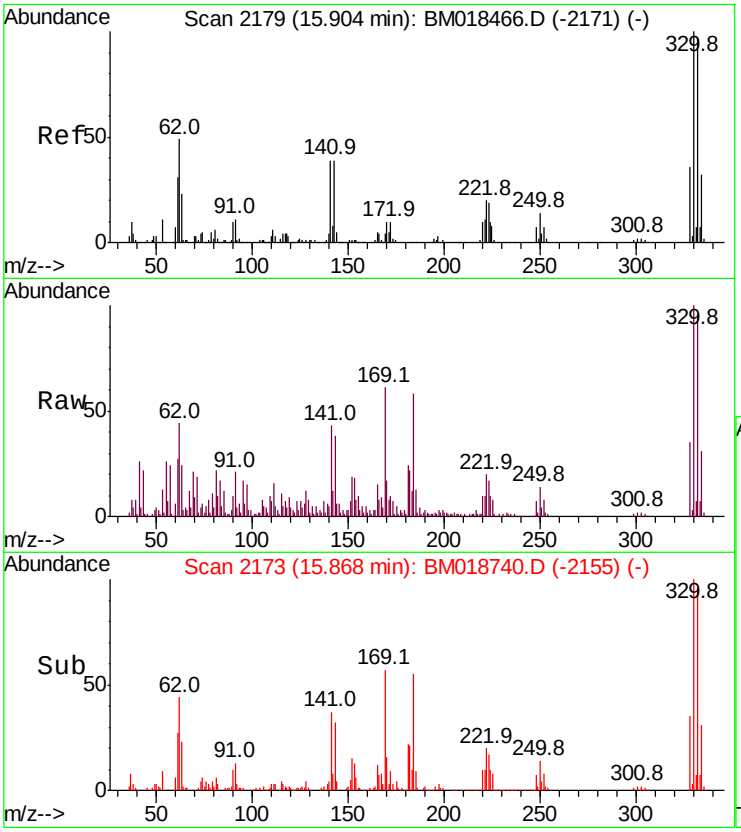


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.37 min Scan# 1918
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:164 Resp: 448391

Ion	Ratio	Lower	Upper
164	100		
162	101.3	83.0	124.4
160	47.4	37.1	55.7



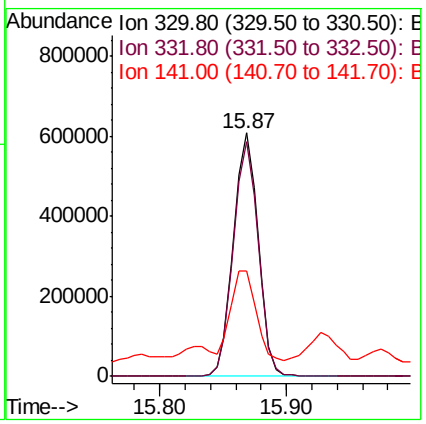


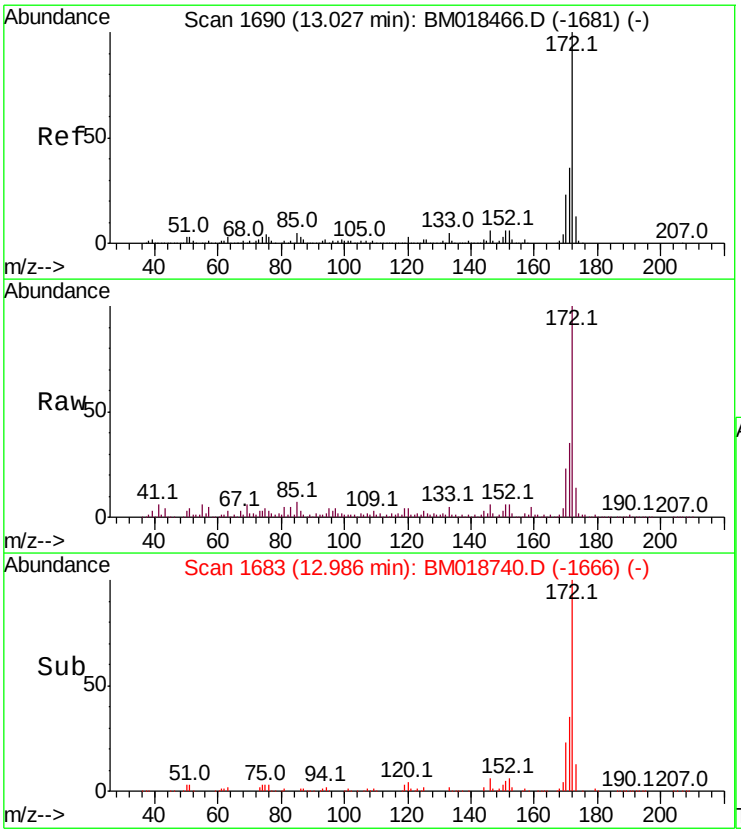
#42
2,4,6-Tribromophenol
Concen: 144.195 ng
RT: 15.87 min Scan# 2173
Delta R.T. 0.01 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

Tgt Ion:330 Resp: 823248

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.6	116.4
141	36.9	31.7	47.5

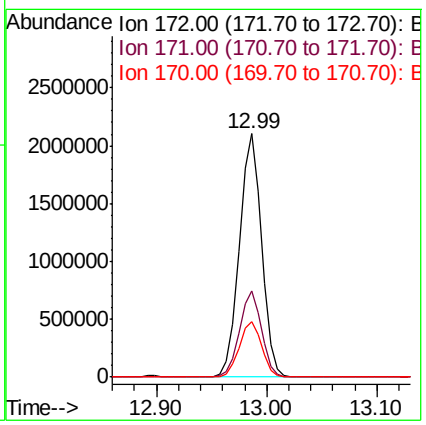


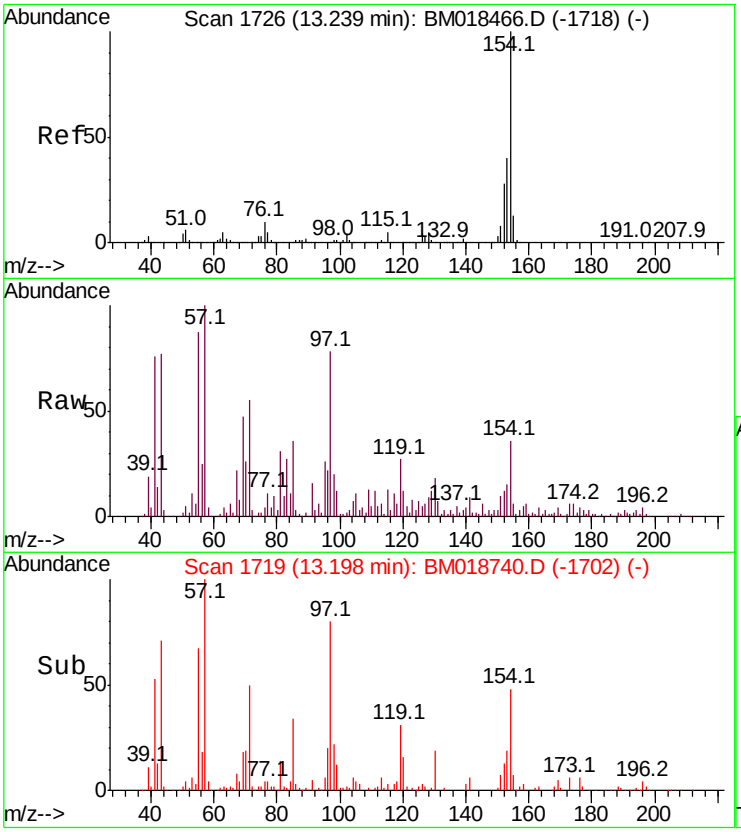


#45
2-Fluorobiphenyl
Concen: 86.419 ng
RT: 12.99 min Scan# 1683
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:172 Resp: 2969621

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.2	42.4
170	22.9	18.9	28.3



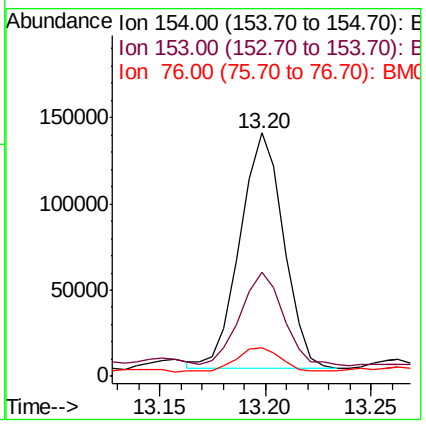


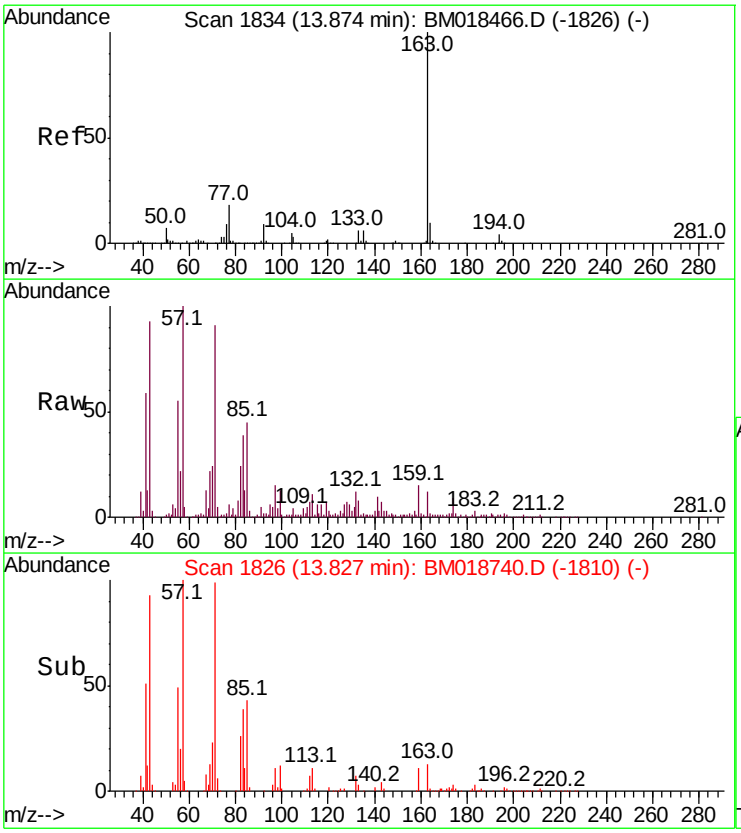
#46
1,1'-Biphenyl
Concen: 5.054 ng
RT: 13.20 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

Tgt Ion:154 Resp: 197881

Ion	Ratio	Lower	Upper
154	100		
153	42.5	20.5	60.5
76	11.6	0.0	31.9

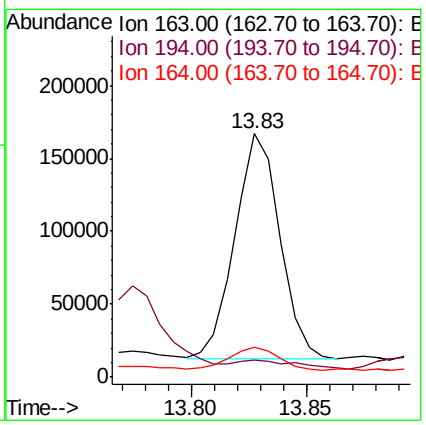


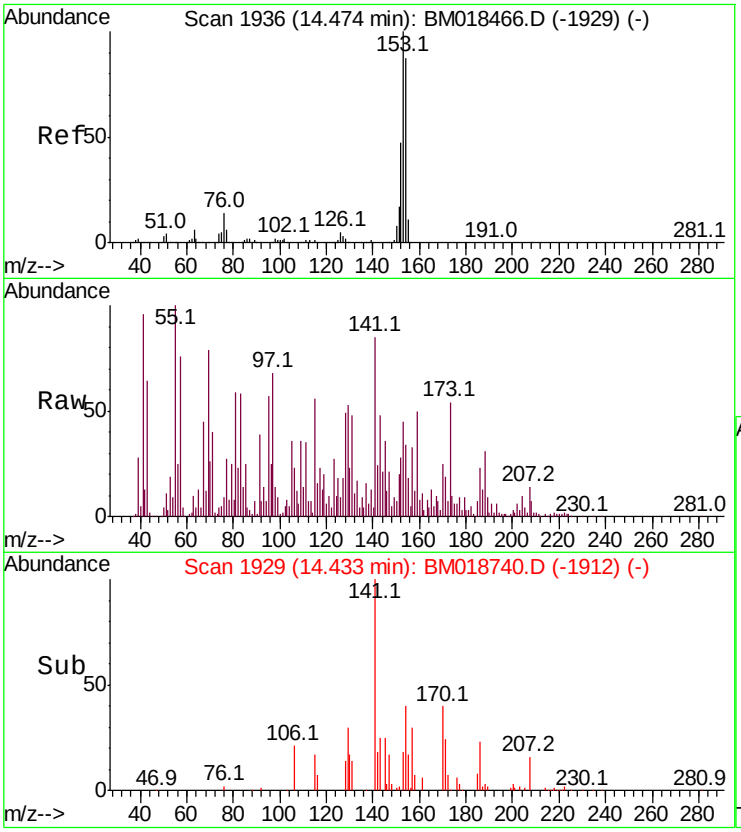


#50
Dimethylphthalate
Concen: 5.655 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:163 Resp: 208246

Ion	Ratio	Lower	Upper
163	100		
194	7.1	3.0	4.6#
164	12.2	7.8	11.8#



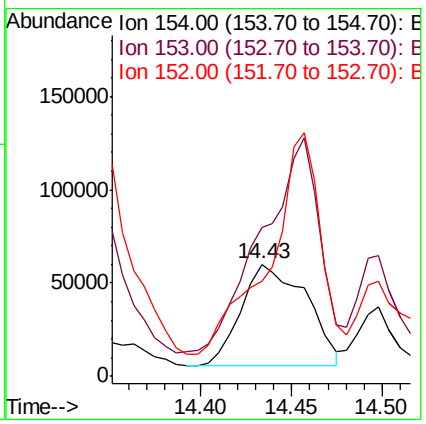


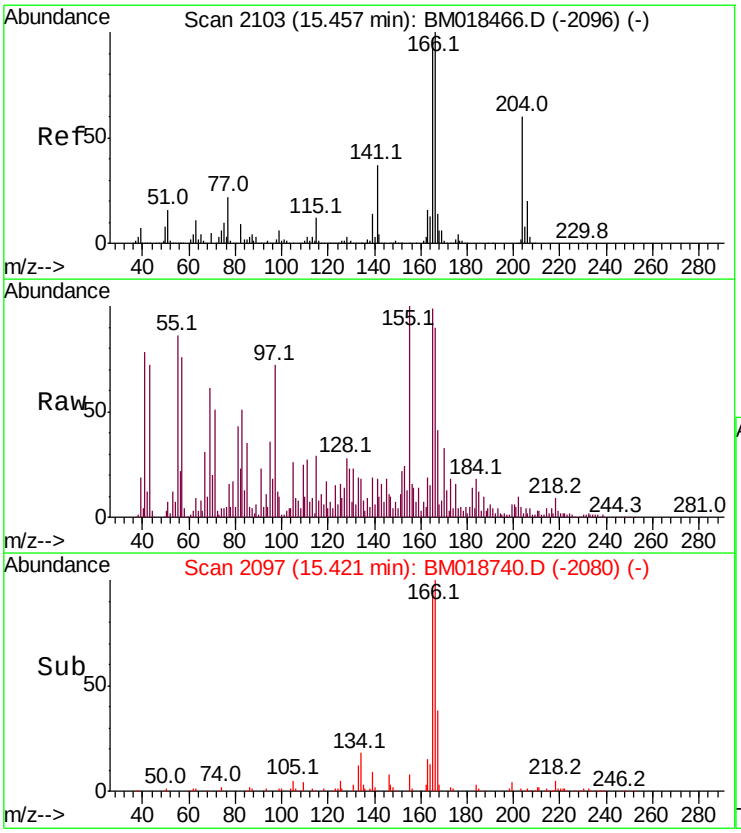
#52
Acenaphthene
Concen: 5.001 ng
RT: 14.43 min Scan# 1929
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

Tgt Ion:154 Resp: 135397

Ion	Ratio	Lower	Upper
154	100		
153	133.3	92.3	138.5
152	85.0	43.8	65.6#

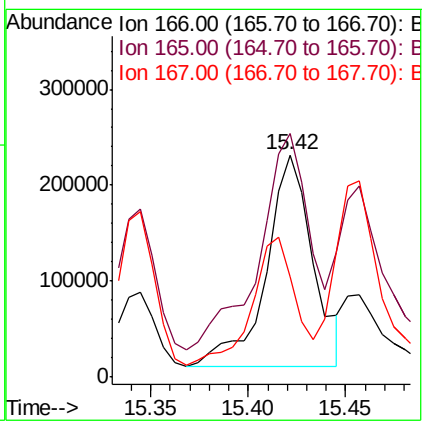


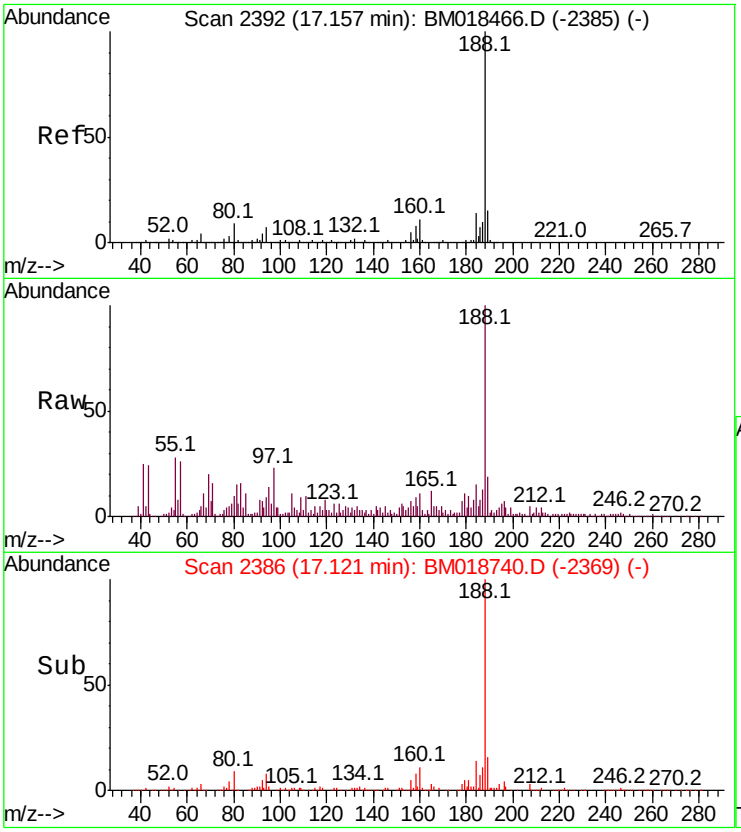


#58
Fluorene
Concen: 10.930 ng
RT: 15.42 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:166 Resp: 364183

Ion	Ratio	Lower	Upper
166	100		
165	109.7	78.3	117.5
167	45.3	10.9	16.3#



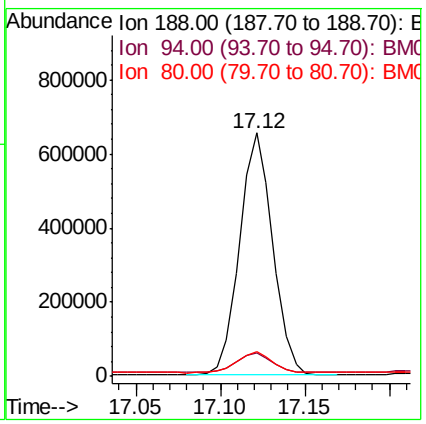


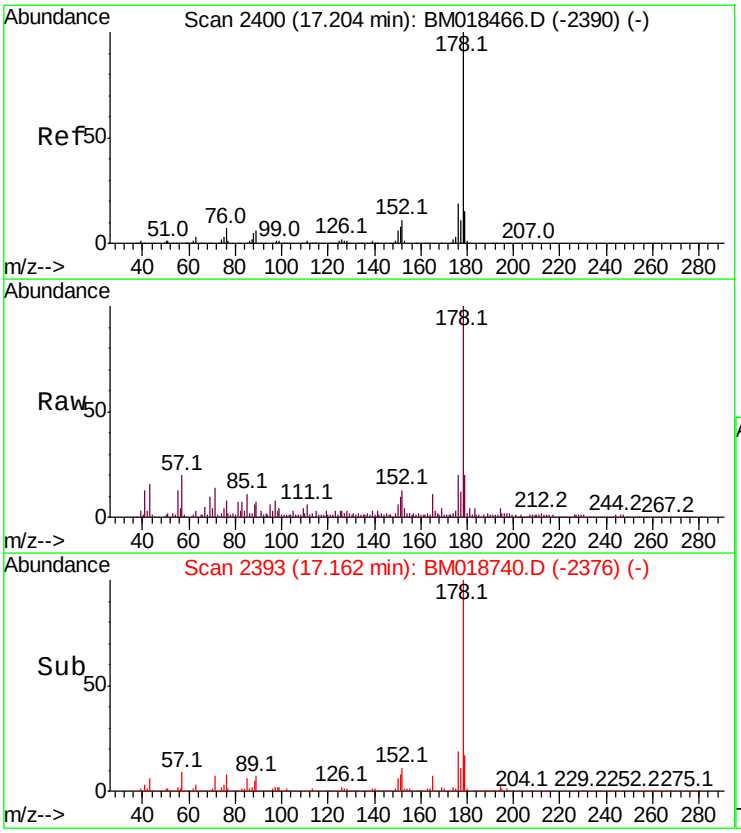
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

Tgt Ion:188 Resp: 891463

Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.1	10.7
80	10.3	7.6	11.4

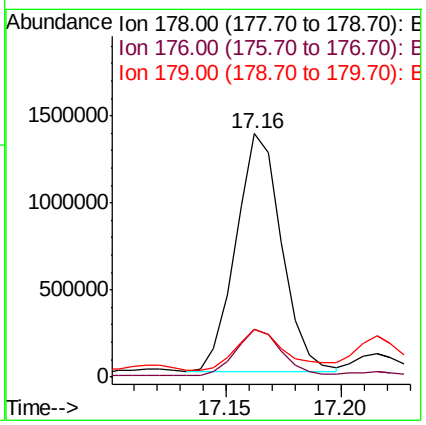


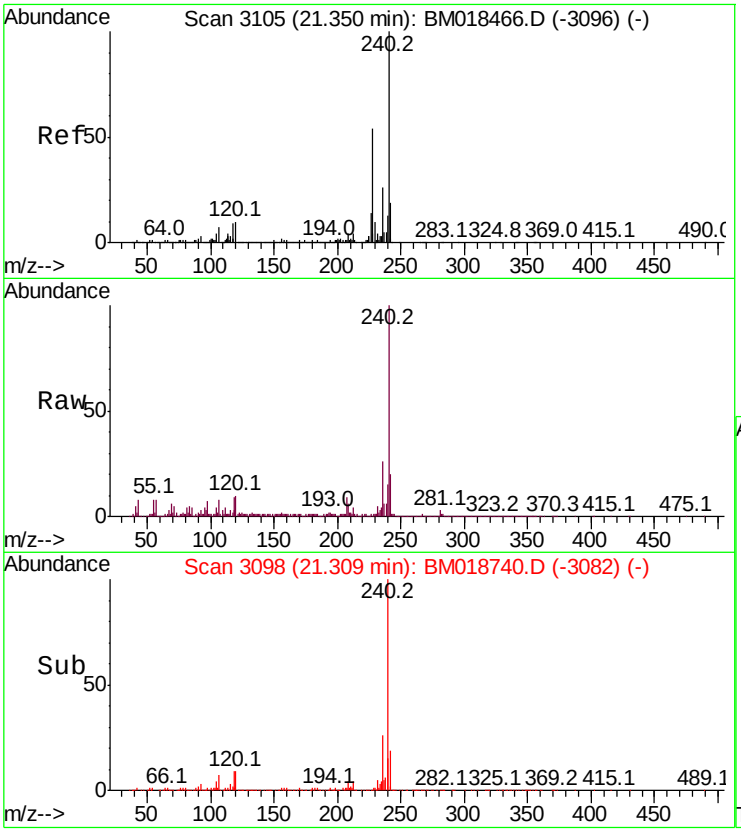


#71
Phenanthrene
Concen: 39.949 ng
RT: 17.16 min Scan# 2393
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:178 Resp: 1894230

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.4	23.0
179	19.6	12.2	18.4#



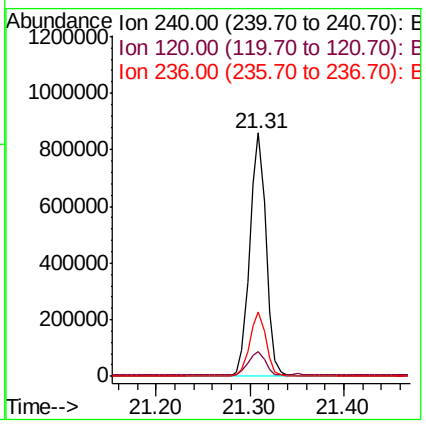


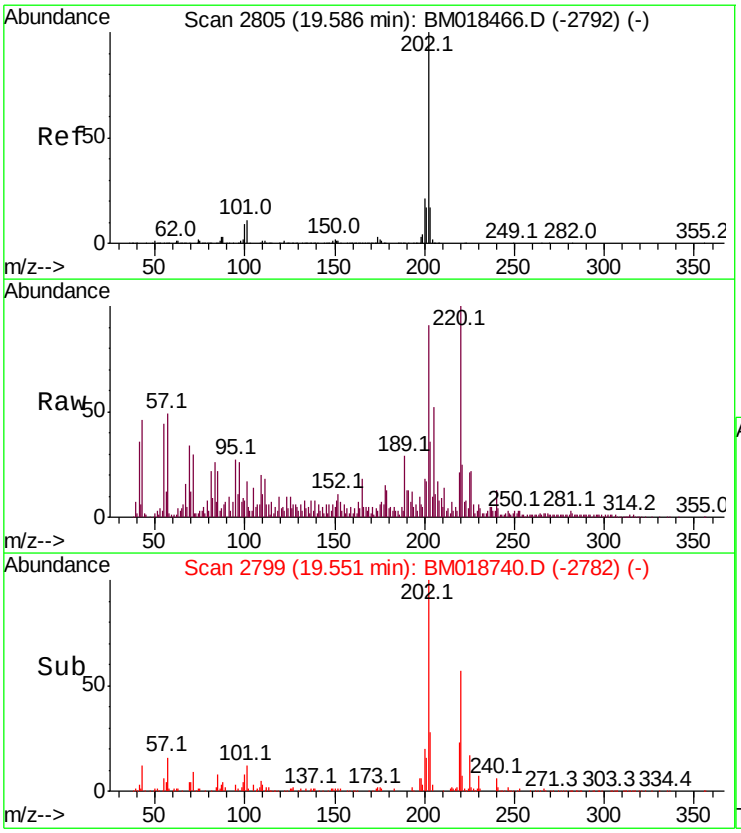
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

Tgt Ion:240 Resp: 1026126

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

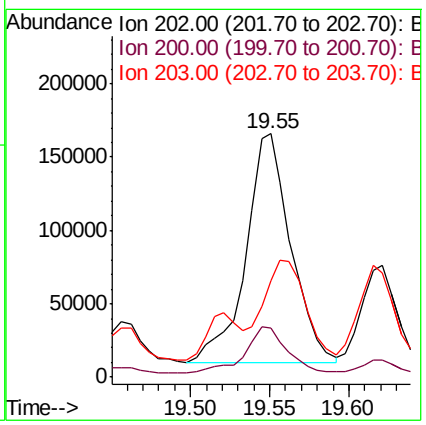


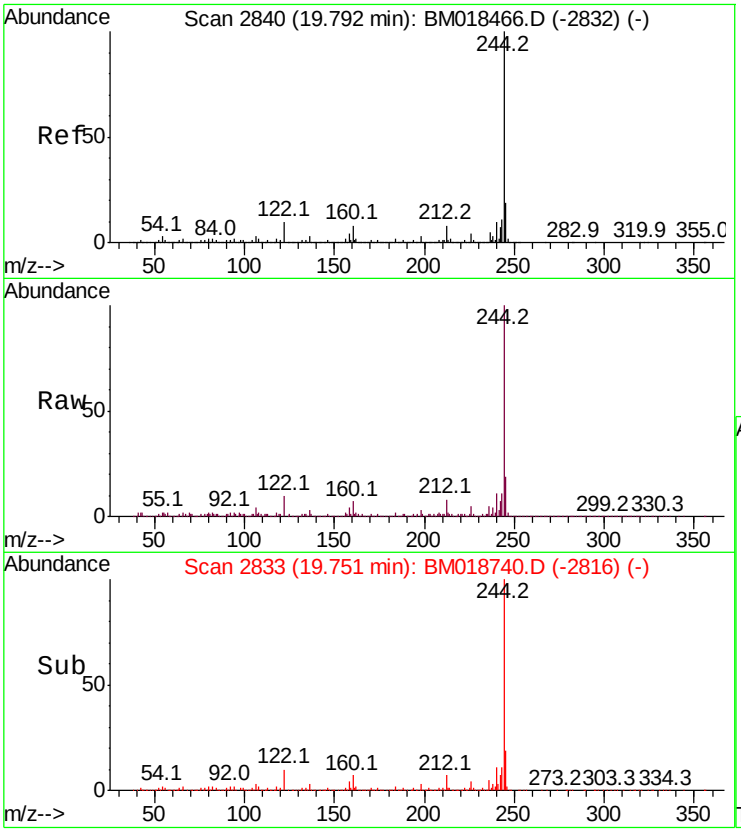


#78
Pyrene
Concen: 5.074 ng
RT: 19.55 min Scan# 2799
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:202 Resp: 308609

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.6	24.8
203	39.6	13.8	20.8#



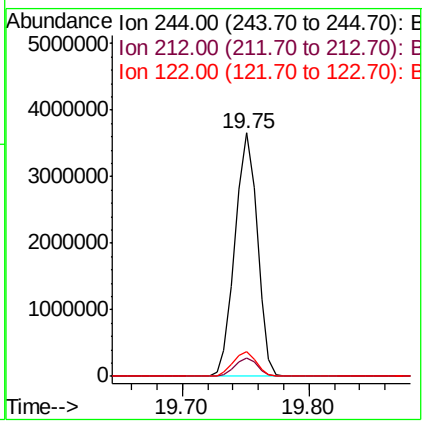


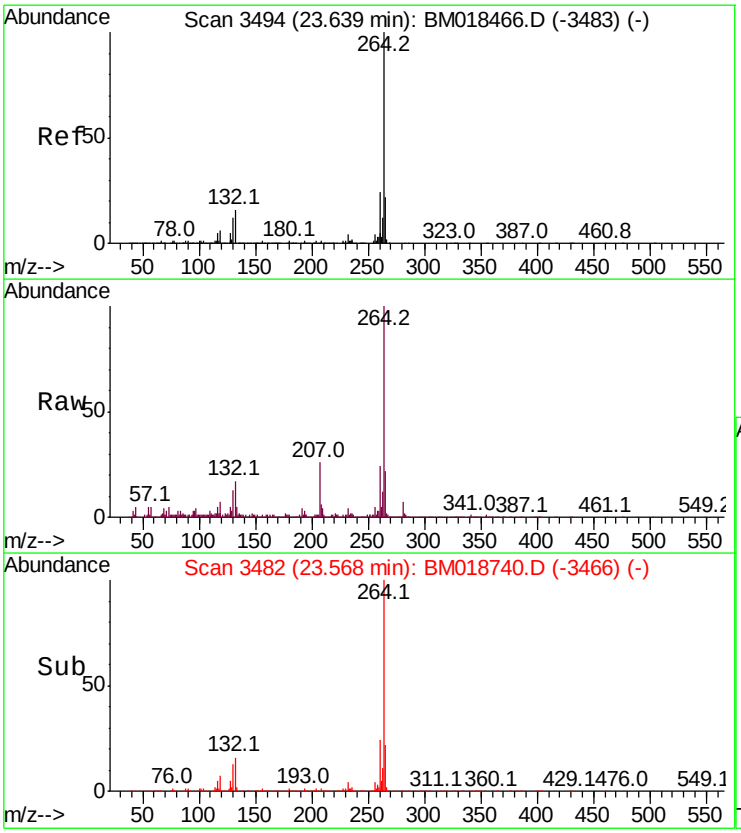
#79
Terphenyl-d14
Concen: 91.264 ng
RT: 19.75 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Instrument :
BNA_M
ClientSampleId :
SB-01(12-13)

Tgt Ion:244 Resp: 4442472

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	10.1	9.0	13.4





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM018740.D
Acq: 07 Feb 2019 16:41

Tgt Ion:264 Resp: 1102515

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.9	28.3
265	22.4	16.8	25.2