Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021819\
Data File : BM018840.D
Acq On : 18 Feb 2019 16:11
Operator : JU/SJ
Sample : K1517-01
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : G-021519

Quant Time: Feb 19 01:29:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	323194	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1306392	20.00	ng	-0.01
39) Acenaphthene-d10	14.36	164	721250	20.00	ng	0.00
64) Phenanthrene-d10	17.10	188	1548538	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1247251	20.00	ng	-0.01
87) Perylene-d12	23.56	264	1106487	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2590856	131.35	ng	0.00
7) Phenol-d6	6.88	99	3612523	130.00	ng	0.00
23) Nitrobenzene-d5	8.87	82	2328825	82.43	ng	-0.01
42) 2,4,6-Tribromophenol	15.85	330	1222403	117.58	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3798604	69.91	ng	-0.01
79) Terphenyl-d14	19.74	244	5206424	86.11	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.90	94	107285	3.669	ng	84
50) Dimethylphthalate	13.82	163	299105	4.976	ng	99

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

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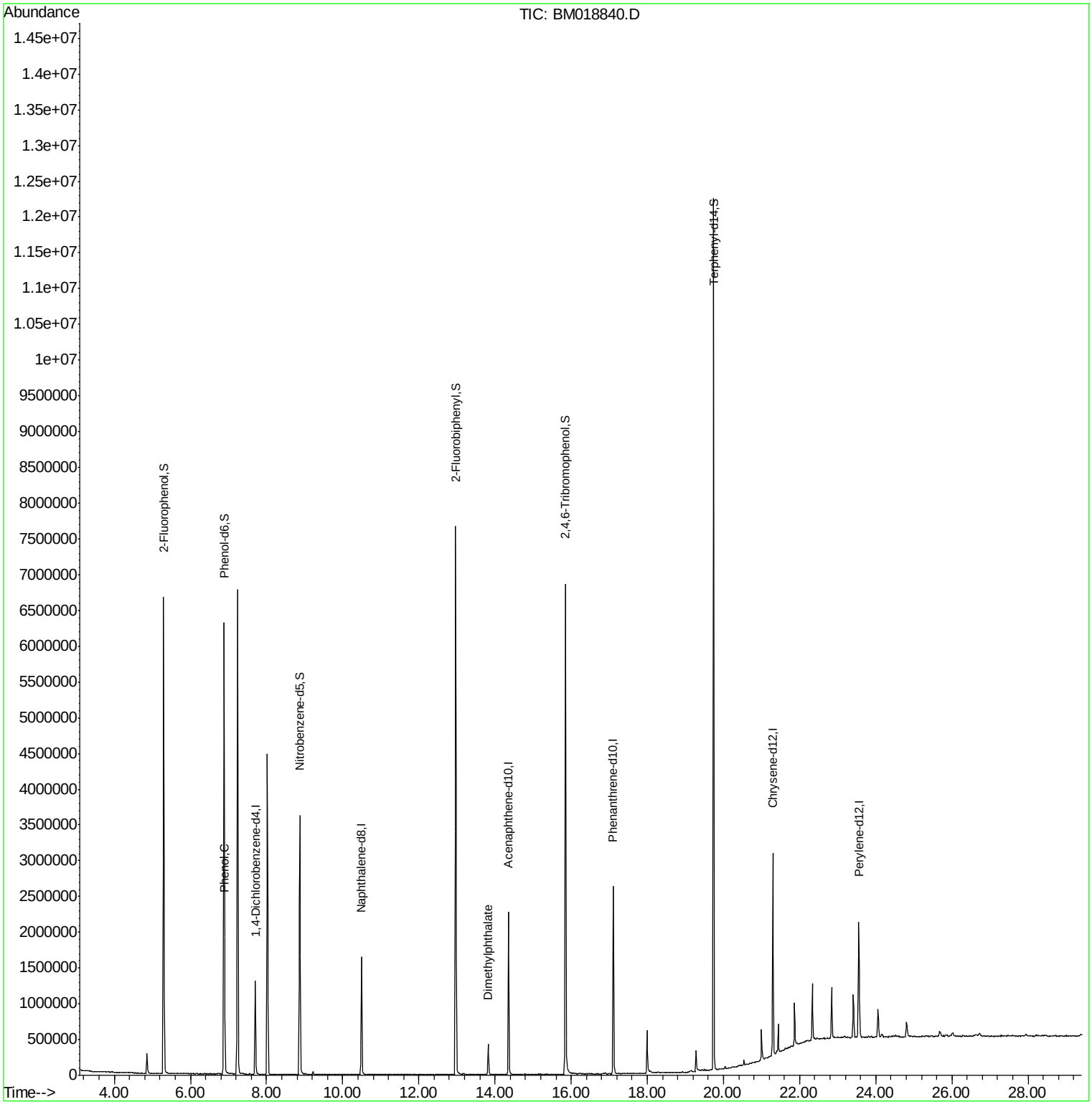
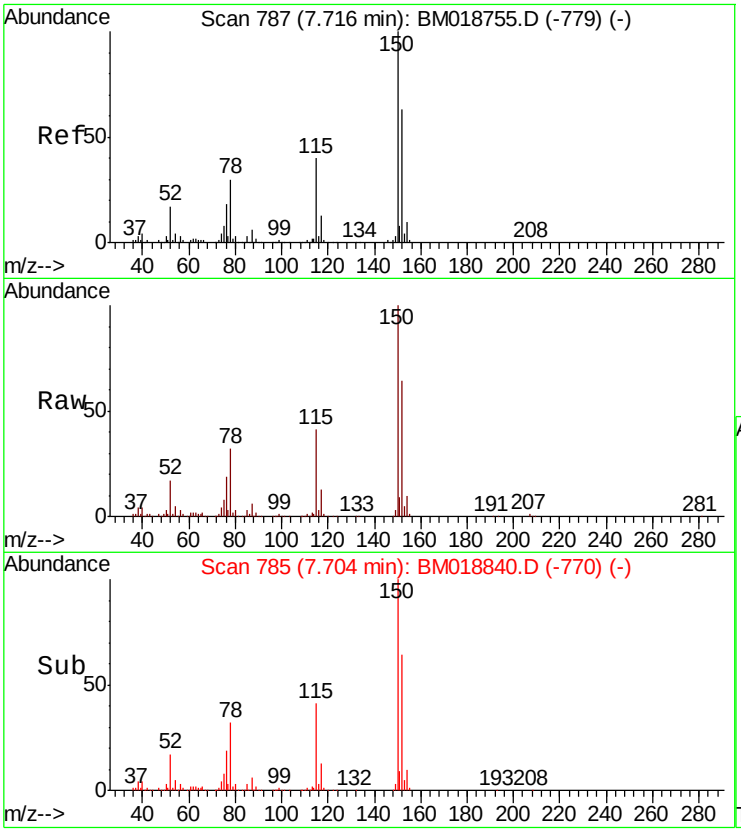


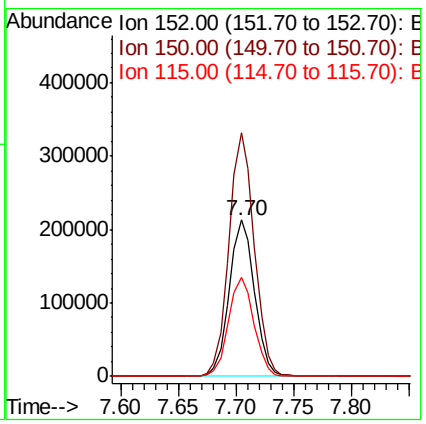


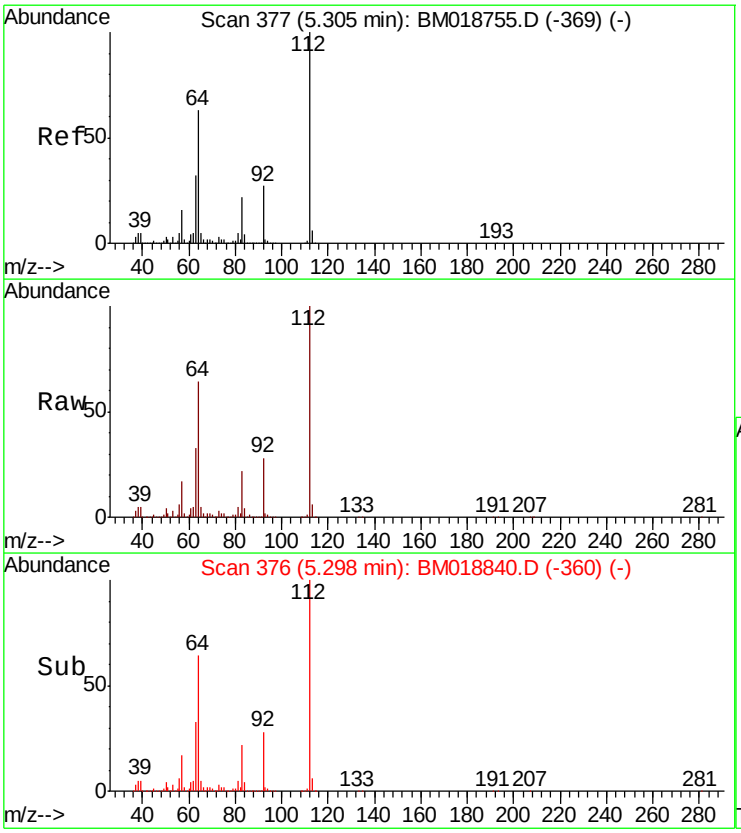
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Instrument :
BNA_M
ClientSampleId :
G-021519

Tgt Ion:152 Resp: 323194

Ion	Ratio	Lower	Upper
152	100		
150	156.0	127.3	190.9
115	63.6	50.8	76.2

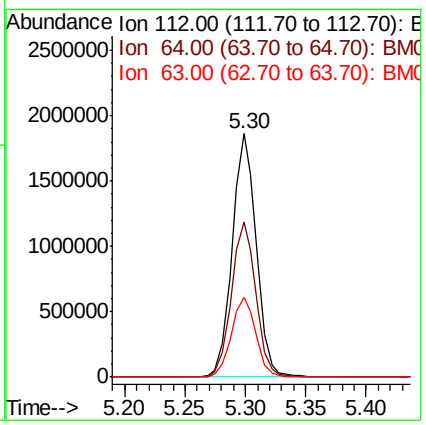


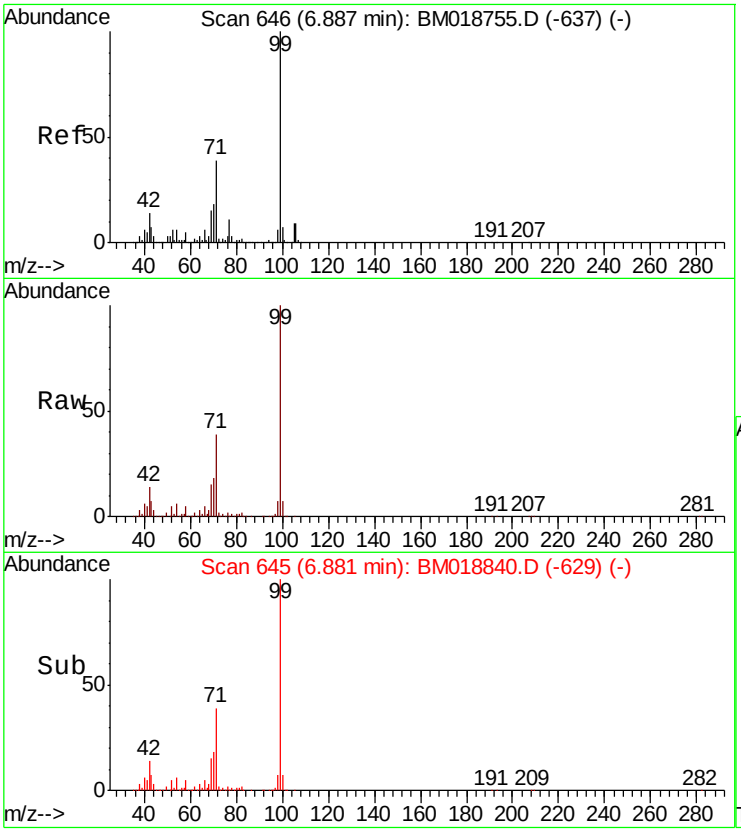


#5
2-Fluorophenol
Concen: 131.347 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Tgt Ion:112 Resp: 2590856

Ion	Ratio	Lower	Upper
112	100		
64	63.9	50.6	75.8
63	32.8	25.7	38.5



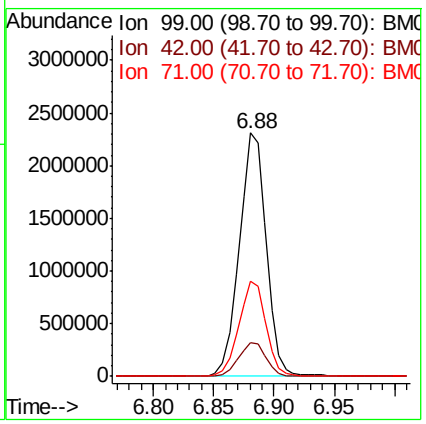


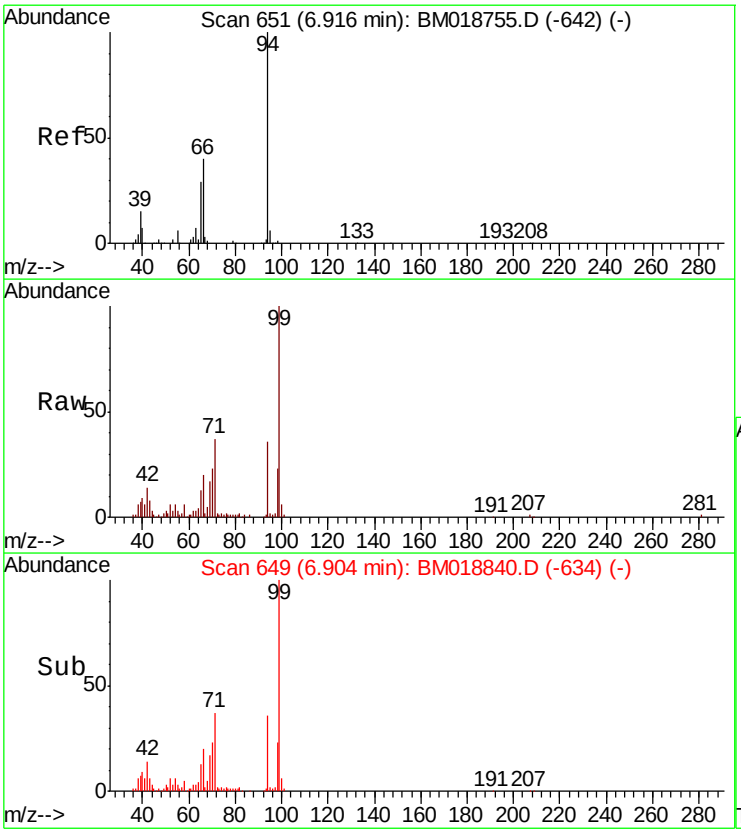
#7
Phenol-d6
Concen: 130.003 ng
RT: 6.88 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Instrument :
BNA_M
ClientSampleId :
G-021519

Tgt Ion: 99 Resp: 3612523

Ion	Ratio	Lower	Upper
99	100		
42	14.1	11.0	16.6
71	39.0	31.3	46.9

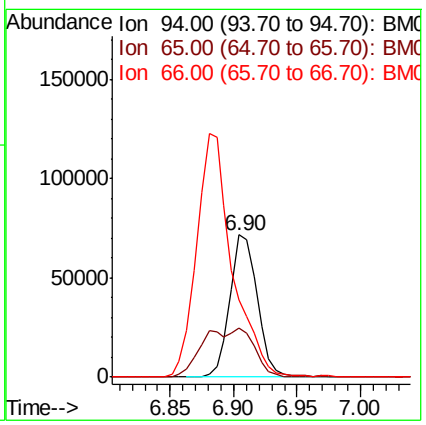


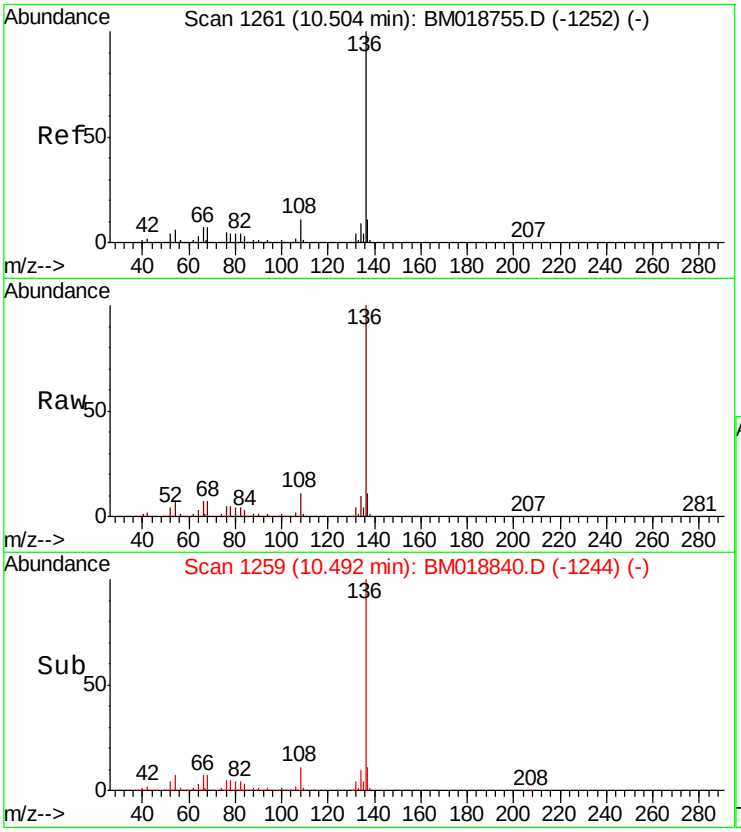


#10
Phenol
Concen: 3.669 ng
RT: 6.90 min Scan# 649
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Tgt Ion: 94 Resp: 107285

Ion	Ratio	Lower	Upper
94	100		
65	34.4	9.6	49.6
66	53.8	20.4	60.4



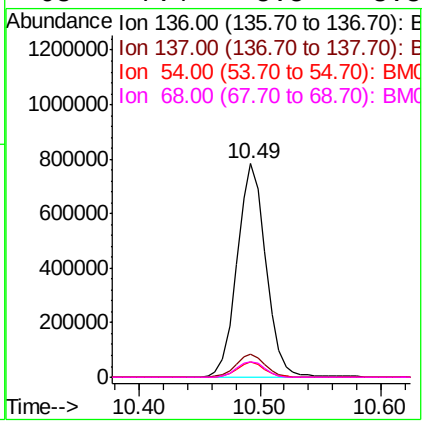


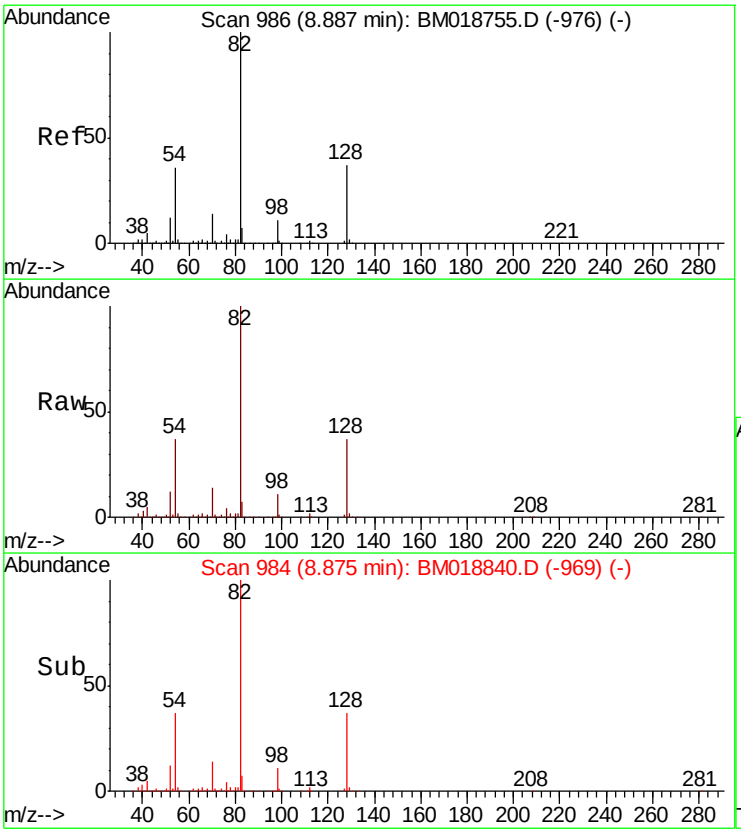
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Instrument :
BNA_M
ClientSampleId :
G-021519

Tgt Ion:136 Resp: 1306392

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.0	5.0	7.6
68	7.4	5.5	8.3

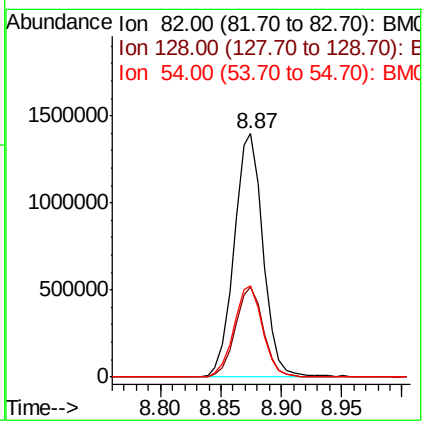


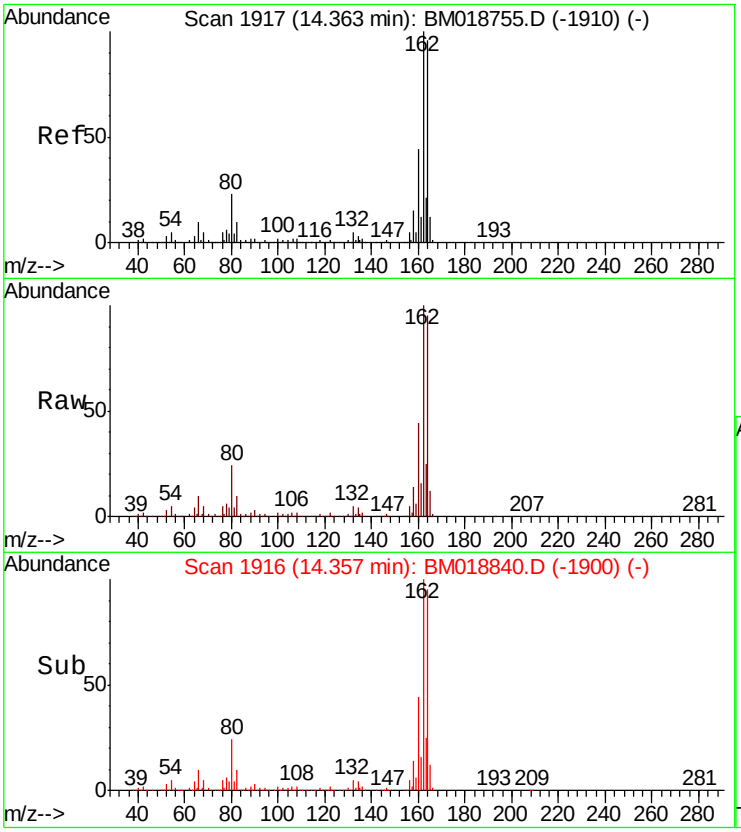


#23
Nitrobenzene-d5
Concen: 82.427 ng
RT: 8.87 min Scan# 984
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Tgt Ion: 82 Resp: 2328825

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.9	44.9
54	37.5	29.1	43.7



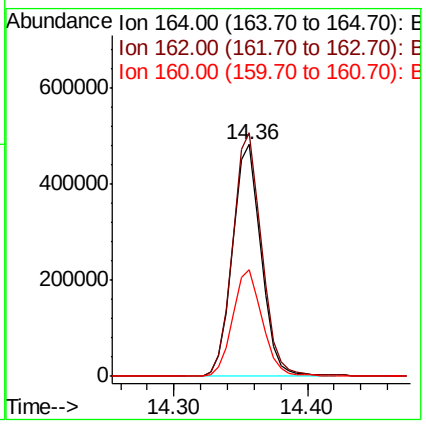


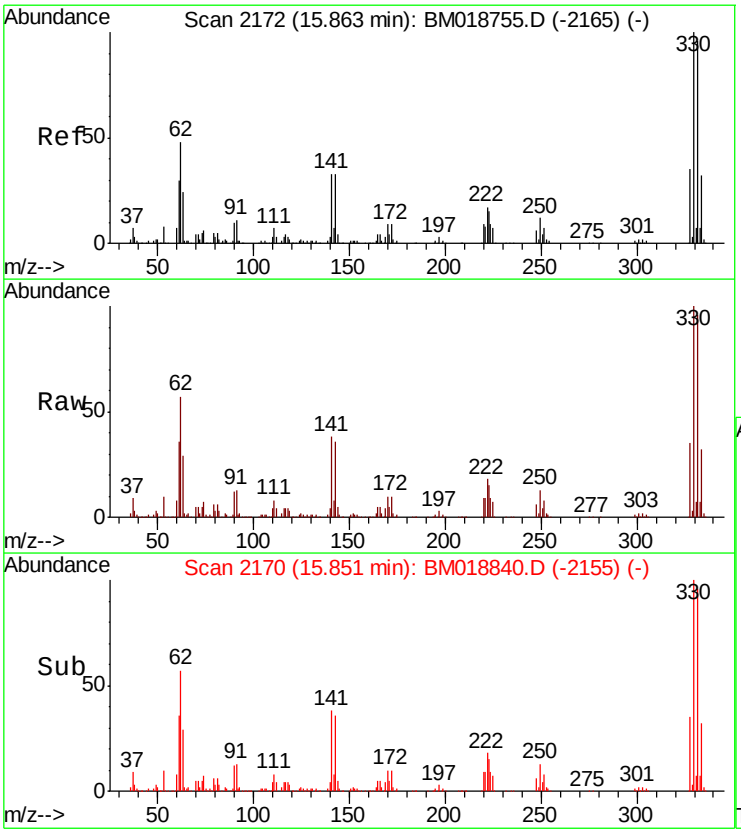
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.36 min Scan# 1916
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Instrument :
BNA_M
ClientSampleId :
G-021519

Tgt Ion:164 Resp: 721250

Ion	Ratio	Lower	Upper
164	100		
162	105.2	83.4	125.0
160	46.1	36.6	55.0

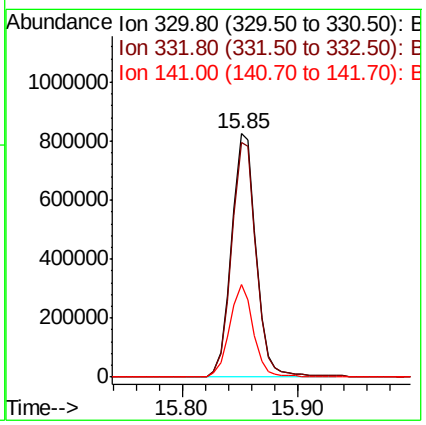


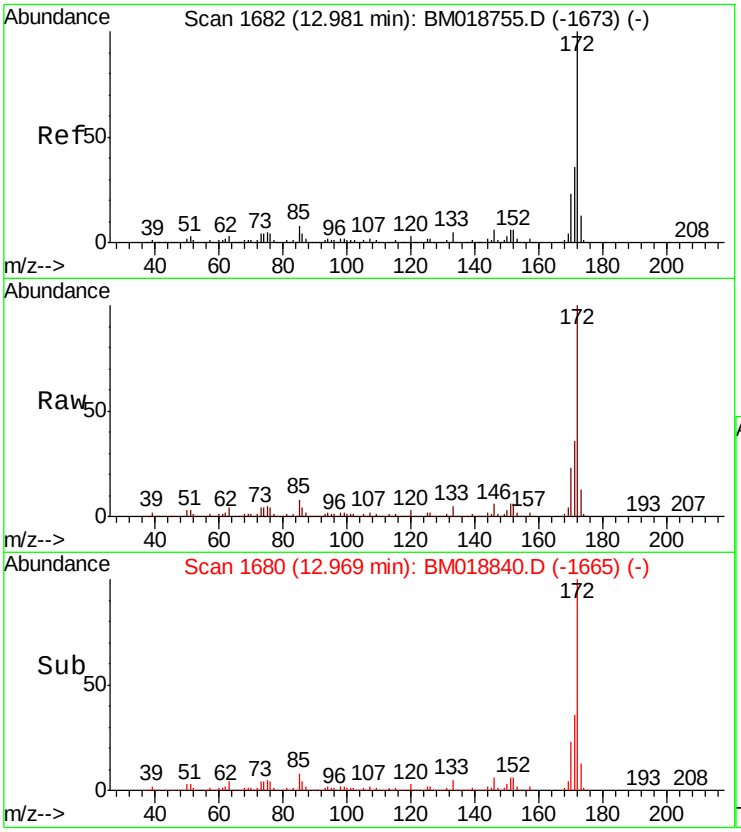


#42
2,4,6-Tribromophenol
Concen: 117.577 ng
RT: 15.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Tgt Ion:330 Resp: 1222403

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	36.7	28.7	43.1



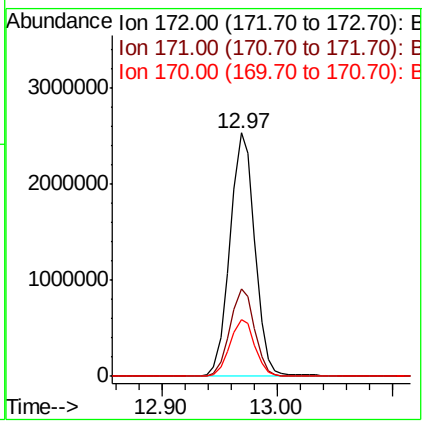


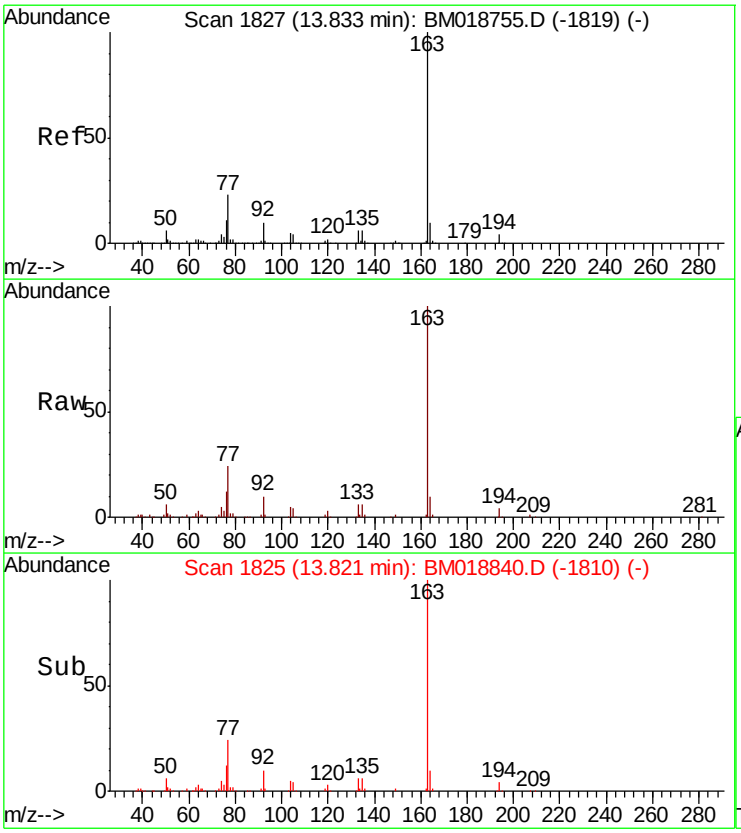
#45
2-Fluorobiphenyl
Concen: 69.914 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Instrument :
BNA_M
ClientSampleId :
G-021519

Tgt Ion:172 Resp: 3798604

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.4	18.6	28.0

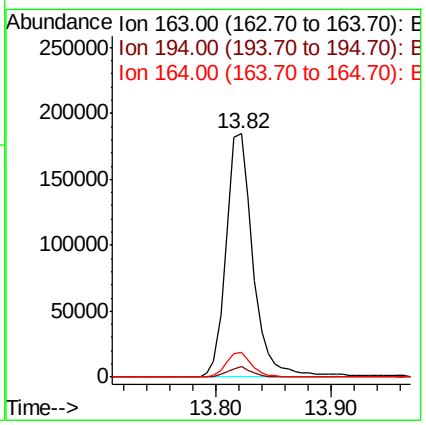


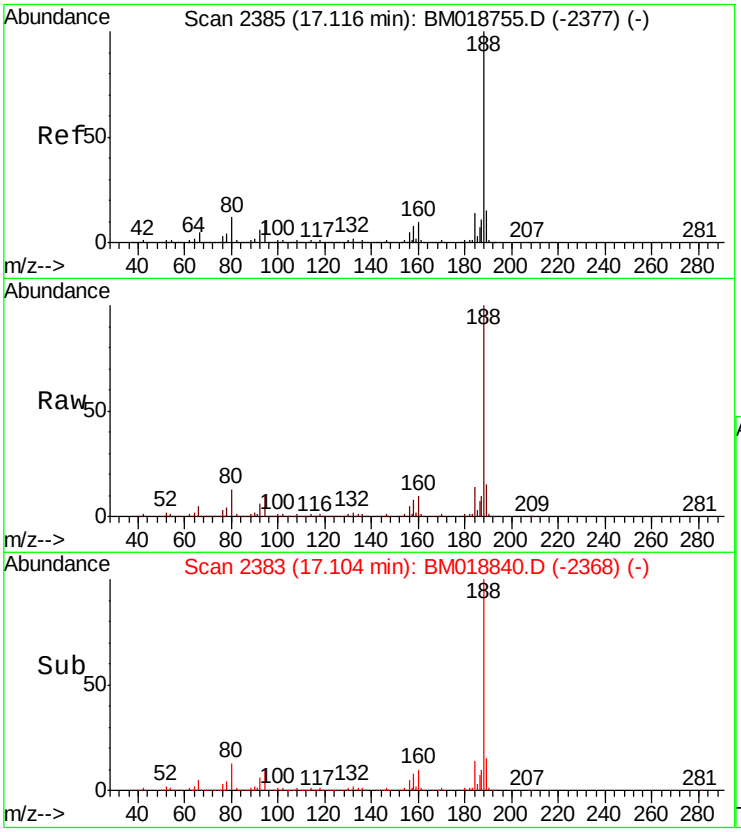


#50
Dimethylphthalate
Concen: 4.976 ng
RT: 13.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Tgt Ion:163 Resp: 299105

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.2	4.8
164	10.1	7.8	11.8



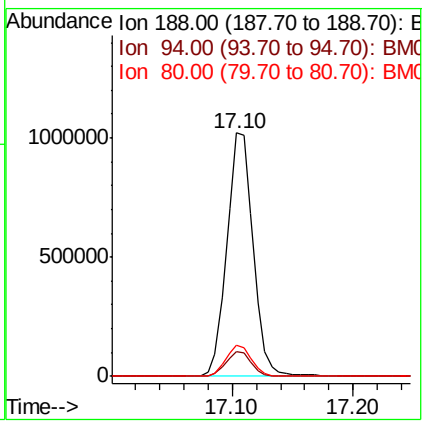


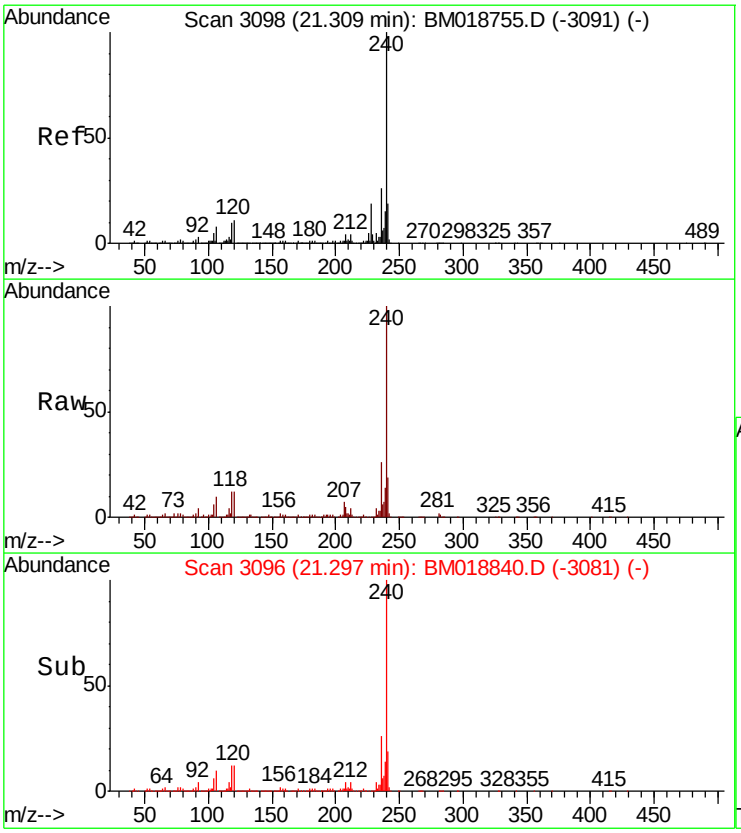
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Instrument :
BNA_M
ClientSampleId :
G-021519

Tgt Ion:188 Resp: 1548538

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.2	12.2
80	12.9	9.7	14.5

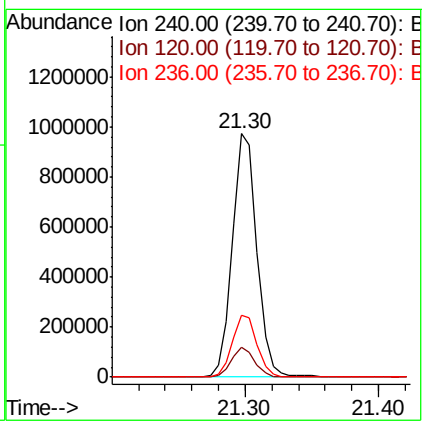


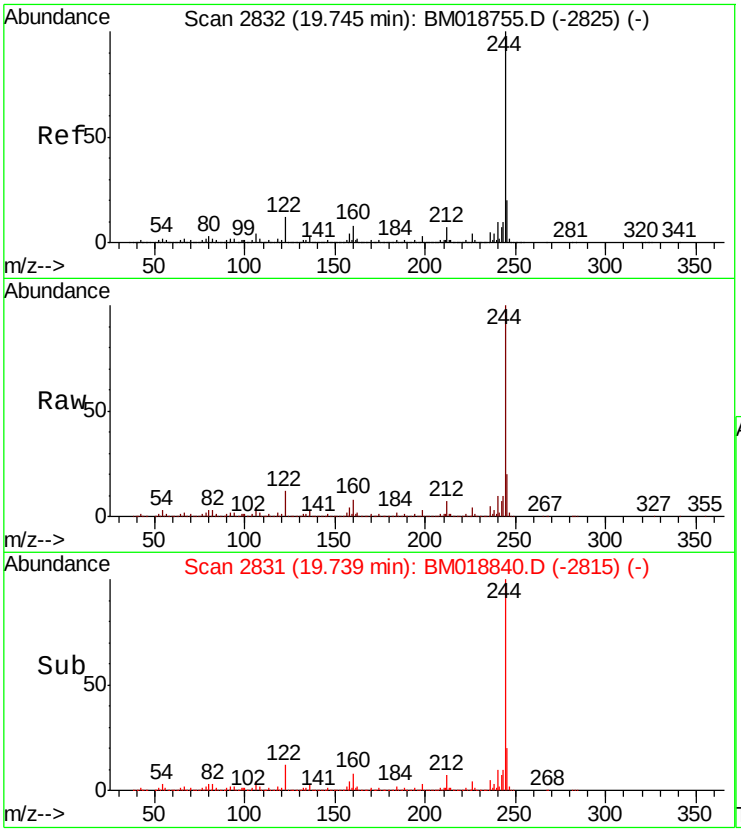


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Tgt Ion:240 Resp: 1247251

Ion	Ratio	Lower	Upper
240	100		
120	12.3	8.9	13.3
236	25.6	20.9	31.3



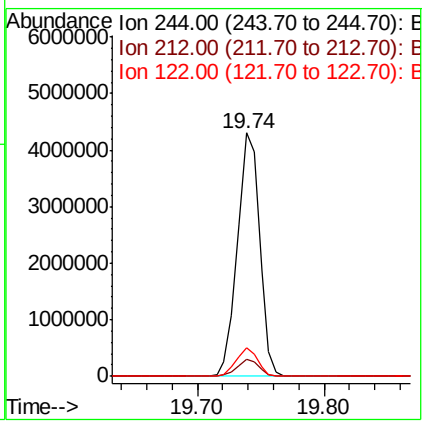


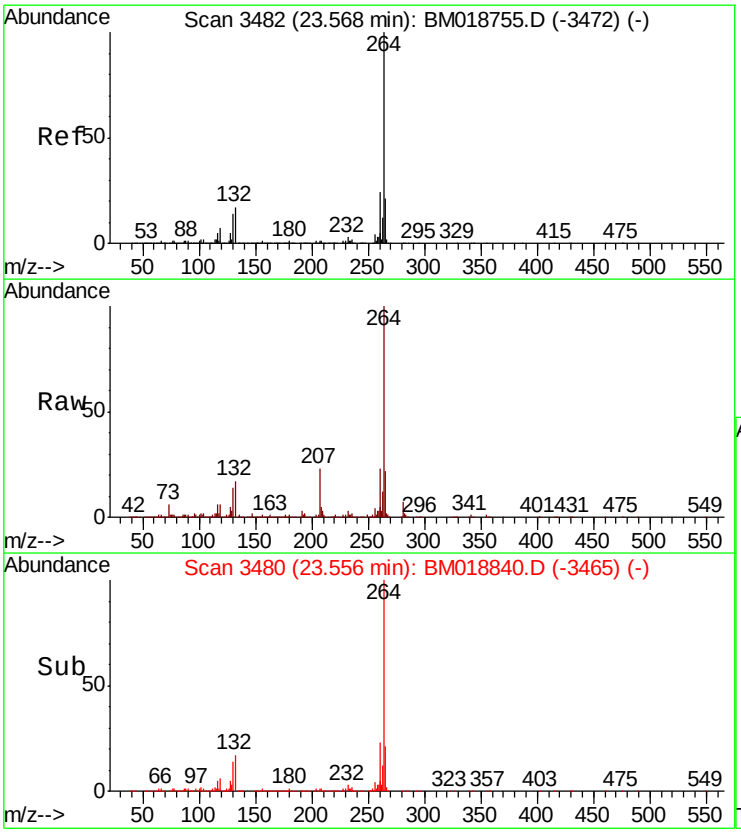
#79
Terphenyl-d14
Concen: 86.112 ng
RT: 19.74 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Instrument :
BNA_M
ClientSampleId :
G-021519

Tgt Ion:244 Resp: 5206424

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.6	8.4
122	11.8	9.3	13.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.56 min Scan# 3480
Delta R.T. -0.01 min
Lab File: BM018840.D
Acq: 18 Feb 2019 16:11

Tgt Ion:264 Resp: 1106487

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.9	28.3
265	22.1	17.3	25.9