Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031219\
Data File : BM019118.D
Acq On : 12 Mar 2019 18:54
Operator : JU/SJ
Sample : K1842-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PR-MW-02_030819

Quant Time: Mar 13 05:33:39 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM031119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 11 17:30:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	237057	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	1004484	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	663412	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	1497358	20.00	ng	0.00
76) Chrysene-d12	21.27	240	1480669	20.00	ng	0.00
87) Perylene-d12	23.50	264	1315939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	907309	61.98	ng	0.00
7) Phenol-d6	6.84	99	798948	37.31	ng	0.00
23) Nitrobenzene-d5	8.83	82	2062047	97.04	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	1494805	152.61	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	4539744	89.01	ng	0.00
79) Terphenyl-d14	19.71	244	7997027	107.22	ng	0.00
Target Compounds						Qvalue
37) 2-Methylnaphthalene	12.12	142	391056	10.164	ng	99
38) 1-Methylnaphthalene	12.34	142	1030714	27.180	ng	99

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

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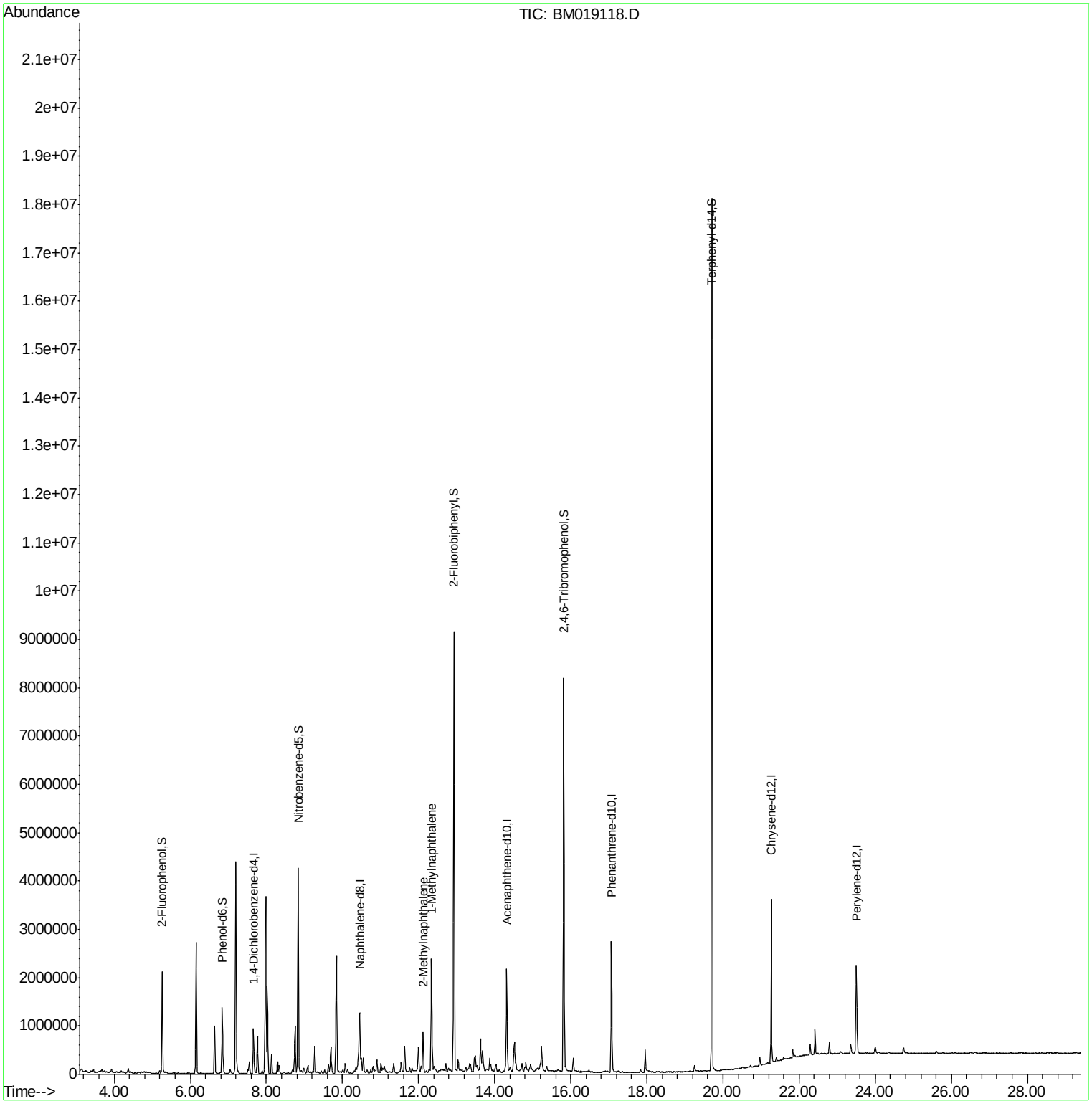
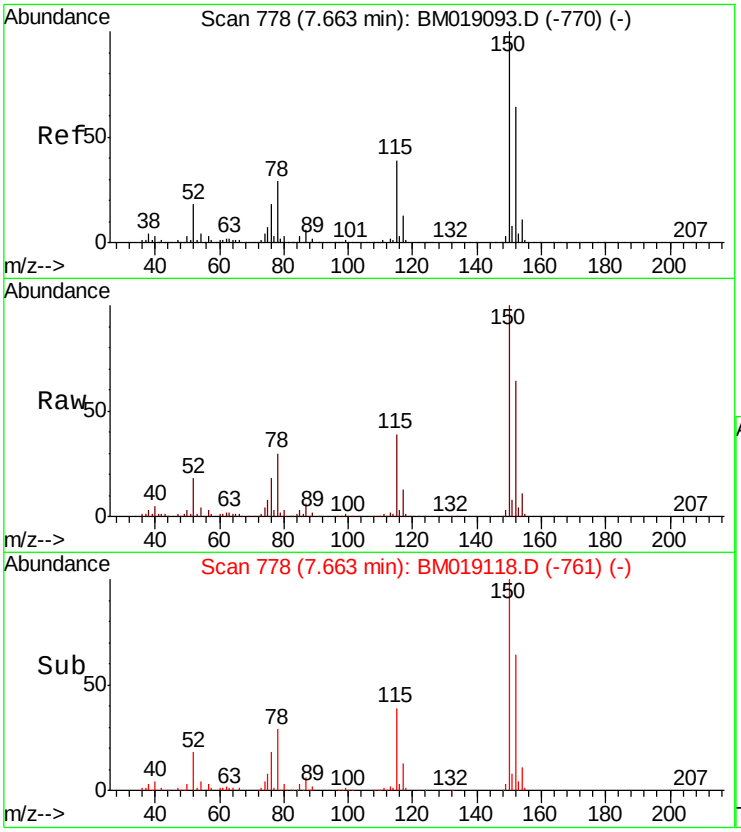


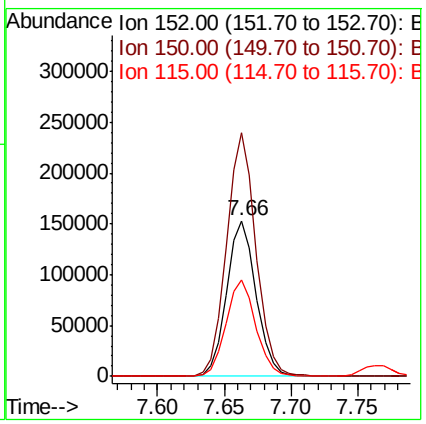


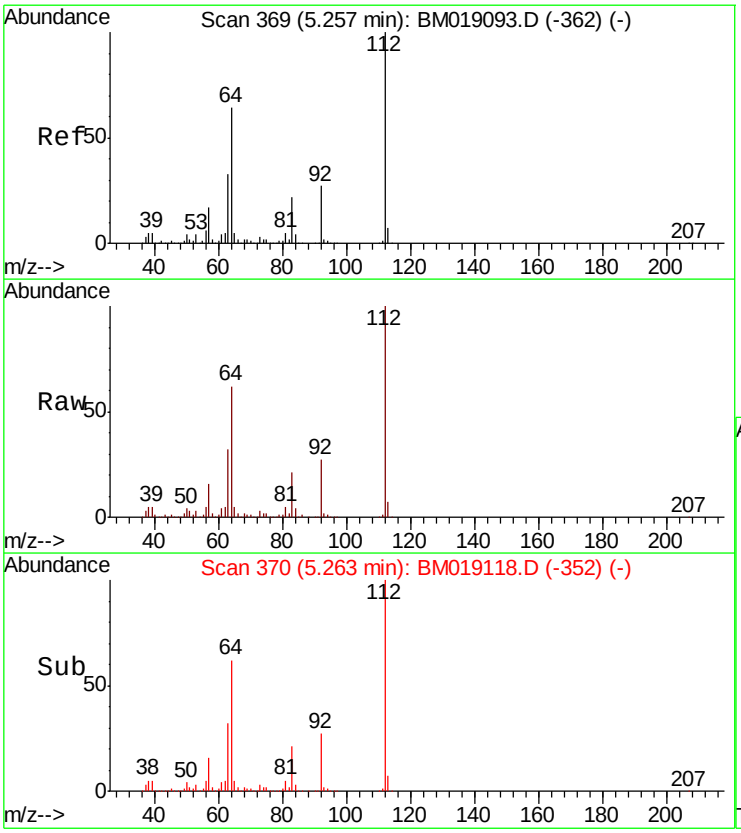
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Instrument :
BNA_M
ClientSampleId :
PR-MW-02_030819

Tgt Ion:152 Resp: 237057

Ion	Ratio	Lower	Upper
152	100		
150	156.5	125.3	187.9
115	61.6	49.4	74.0

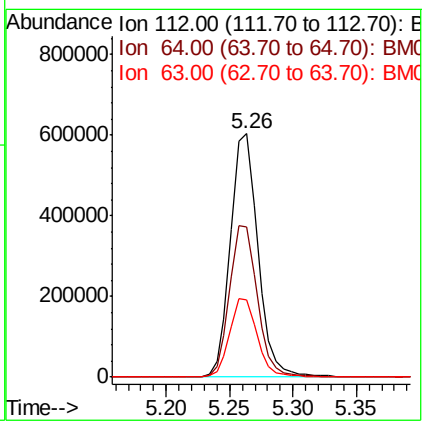


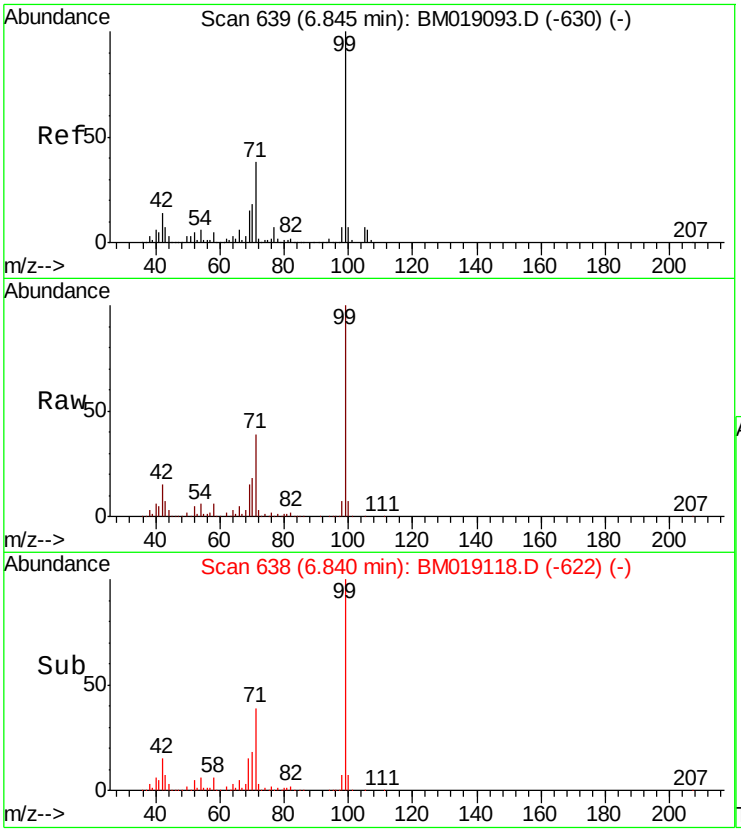


#5
2-Fluorophenol
Concen: 61.984 ng
RT: 5.26 min Scan# 370
Delta R.T. 0.01 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Tgt Ion:112 Resp: 907309

Ion	Ratio	Lower	Upper
112	100		
64	61.6	51.4	77.0
63	31.8	26.6	40.0



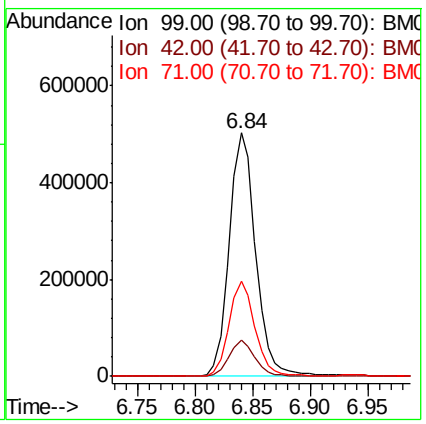


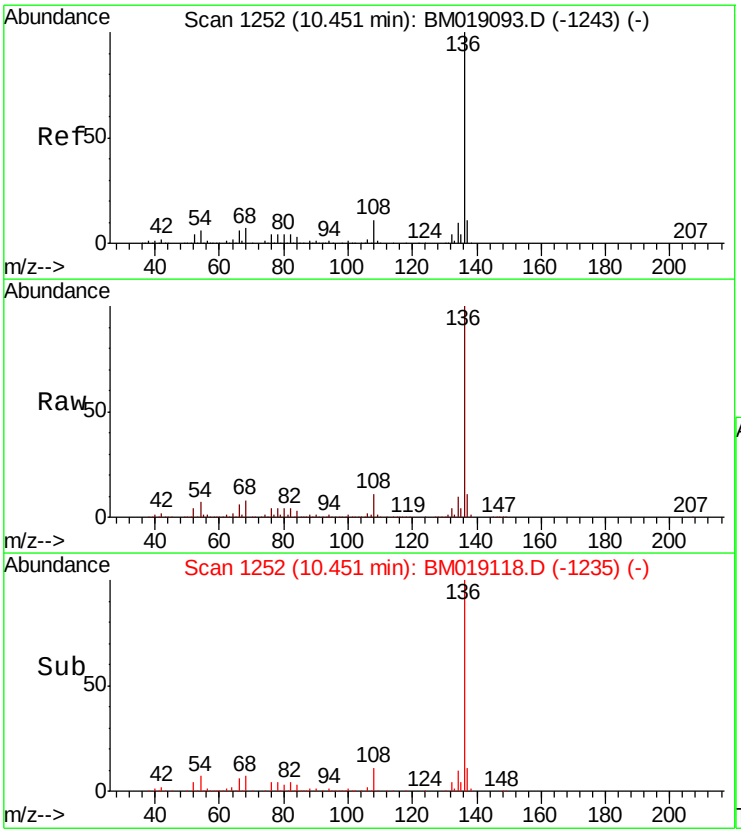
#7
Phenol-d6
Concen: 37.315 ng
RT: 6.84 min Scan# 638
Delta R.T. -0.01 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Instrument :
BNA_M
ClientSampleId :
PR-MW-02_030819

Tgt Ion: 99 Resp: 798948

Ion	Ratio	Lower	Upper
99	100		
42	14.8	10.9	16.3
71	38.8	30.3	45.5

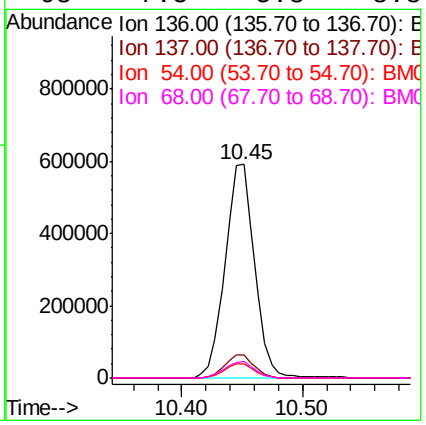


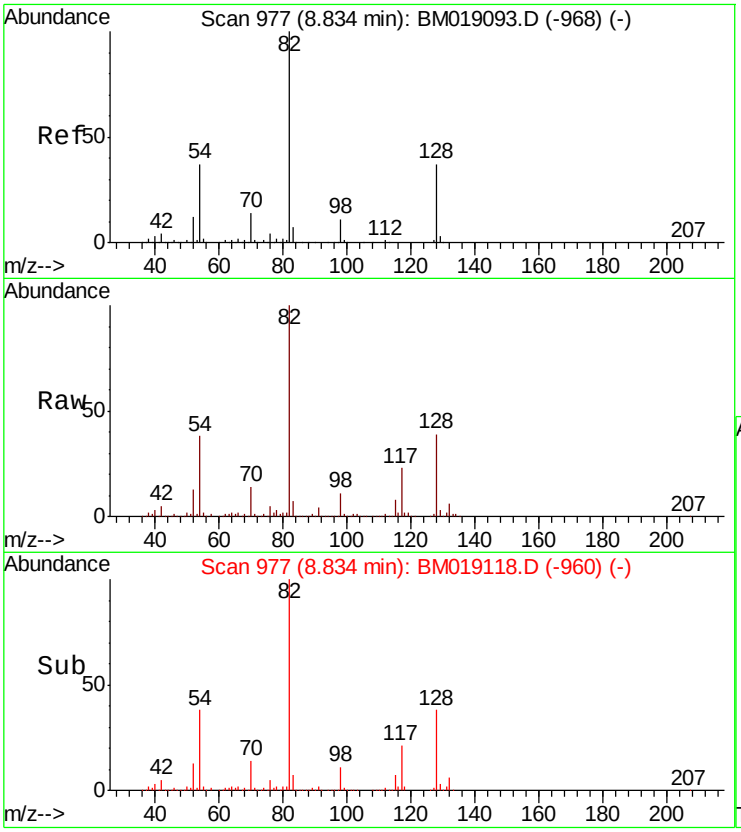


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1252
Delta R.T. 0.00 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Tgt Ion:136 Resp: 1004484

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	6.6	5.2	7.8
68	7.5	5.8	8.8



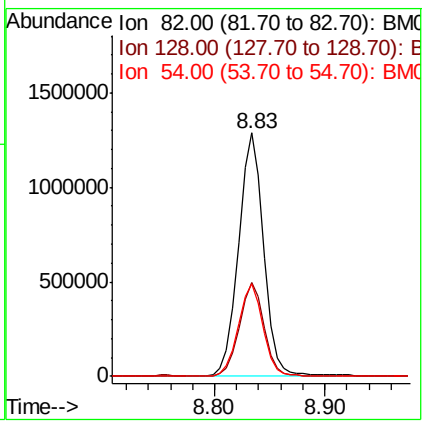


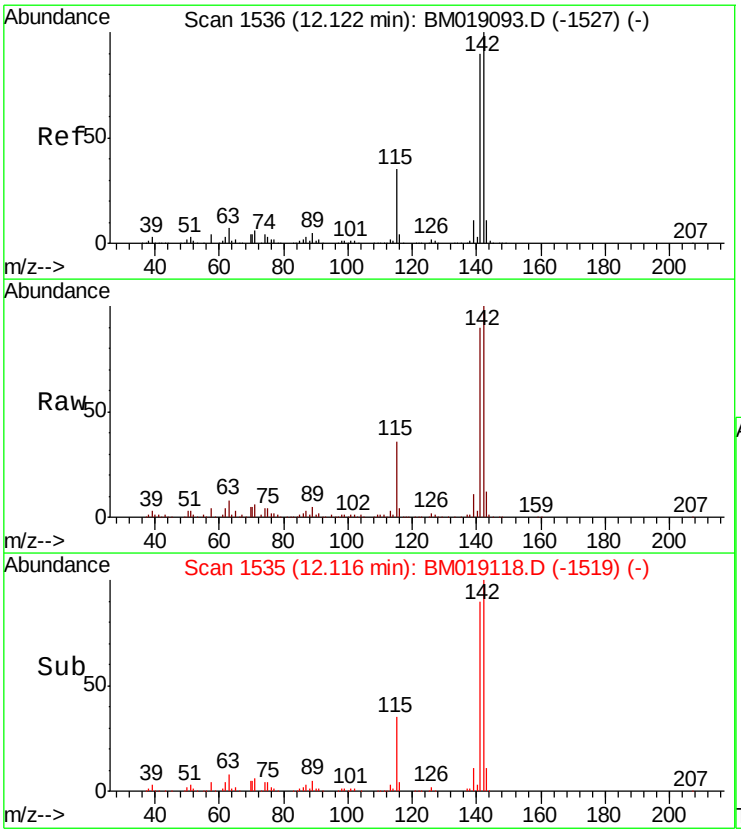
#23
Nitrobenzene-d5
Concen: 97.038 ng
RT: 8.83 min Scan# 977
Delta R.T. 0.00 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Instrument :
BNA_M
ClientSampleId :
PR-MW-02_030819

Tgt Ion: 82 Resp: 2062047

Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.4	44.2
54	37.8	29.9	44.9

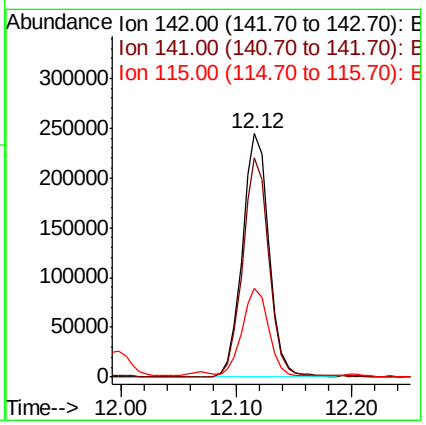


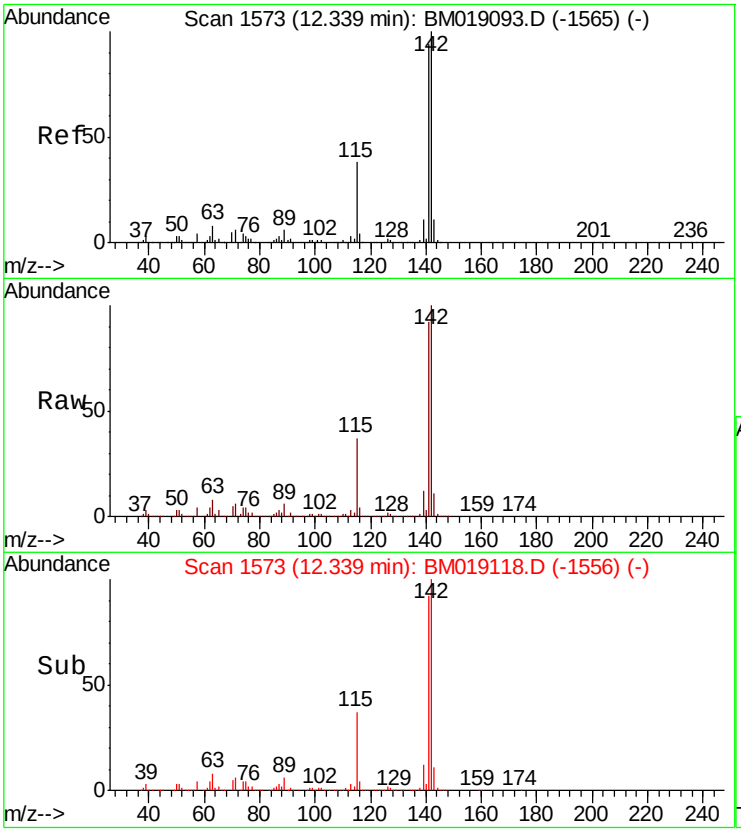


#37
2-Methylnaphthalene
Concen: 10.164 ng
RT: 12.12 min Scan# 1535
Delta R.T. -0.01 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Tgt Ion:142 Resp: 391056

Ion	Ratio	Lower	Upper
142	100		
141	89.9	72.3	108.5
115	36.2	27.8	41.8



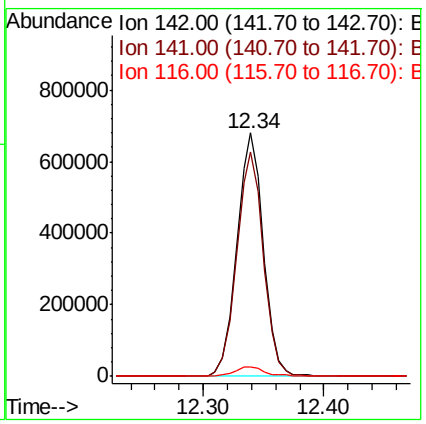


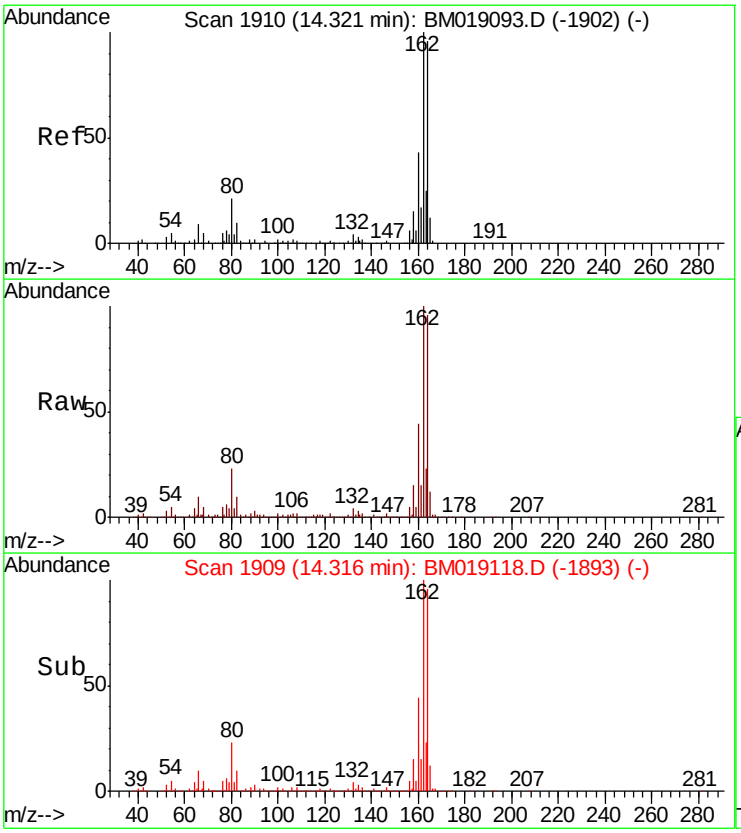
#38
1-Methylnaphthalene
Concen: 27.180 ng
RT: 12.34 min Scan# 1573
Delta R.T. 0.00 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Instrument :
BNA_M
ClientSampleId :
PR-MW-02_030819

Tgt Ion:142 Resp: 1030714

Ion	Ratio	Lower	Upper
142	100		
141	92.3	74.9	112.3
116	4.0	3.2	4.8

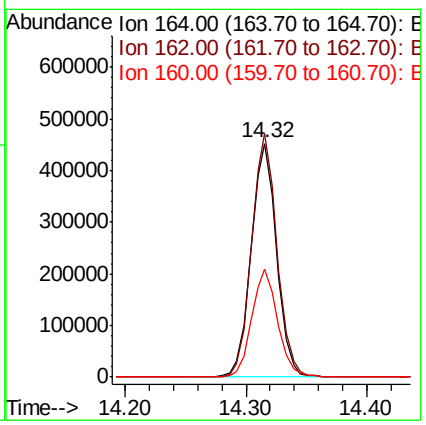


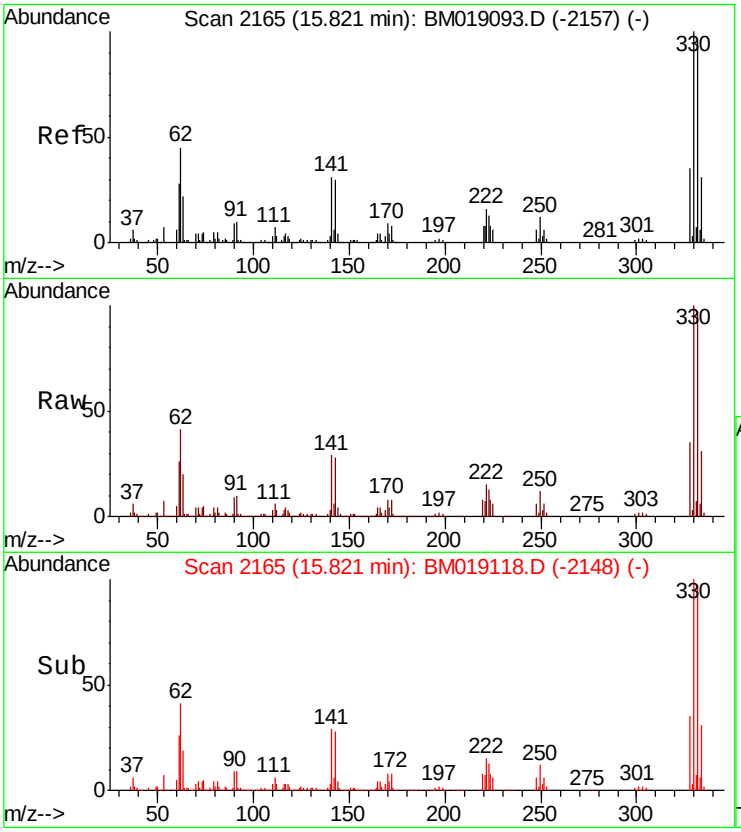


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Tgt Ion:164 Resp: 663412

Ion	Ratio	Lower	Upper
164	100		
162	104.1	83.5	125.3
160	46.2	36.3	54.5



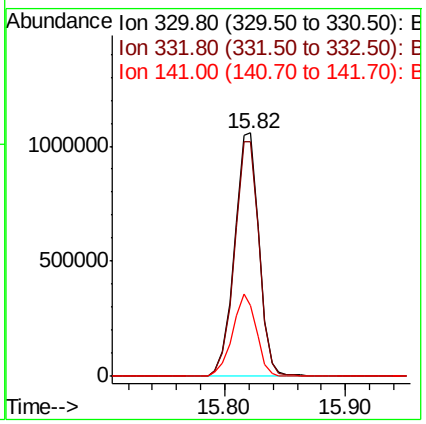


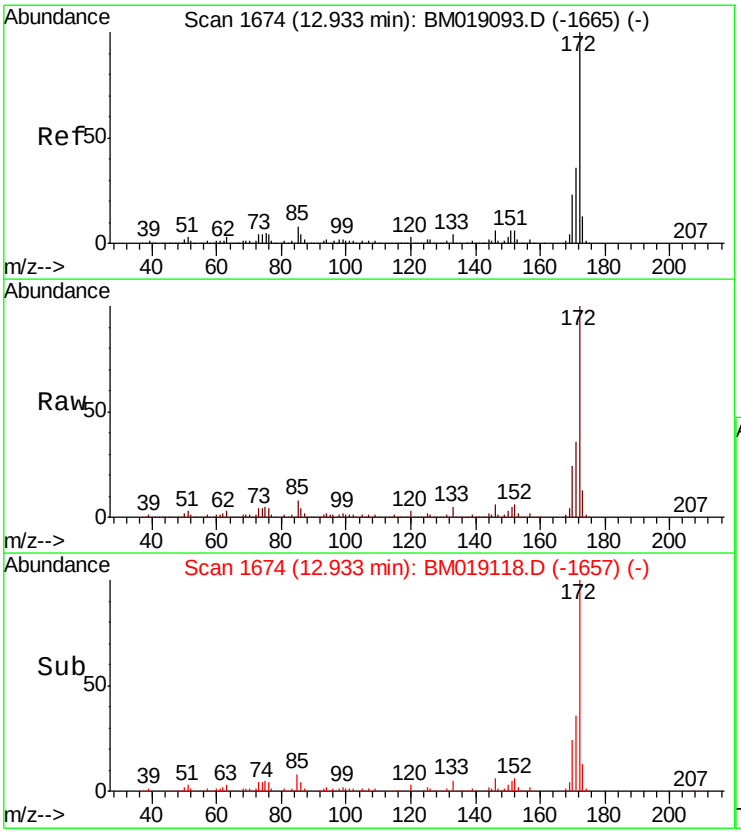
#42
2,4,6-Tribromophenol
Concen: 152.608 ng
RT: 15.82 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Instrument :
BNA_M
ClientSampleId :
PR-MW-02_030819

Tgt Ion:330 Resp: 1494805

Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.8	115.2
141	33.2	27.0	40.4

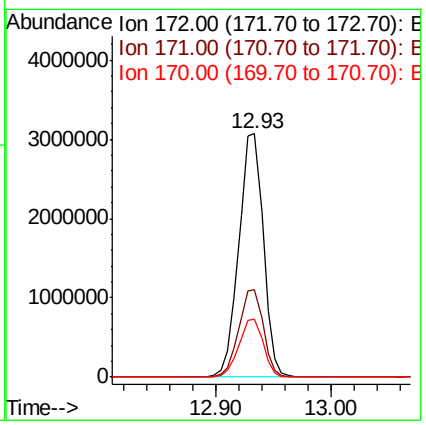


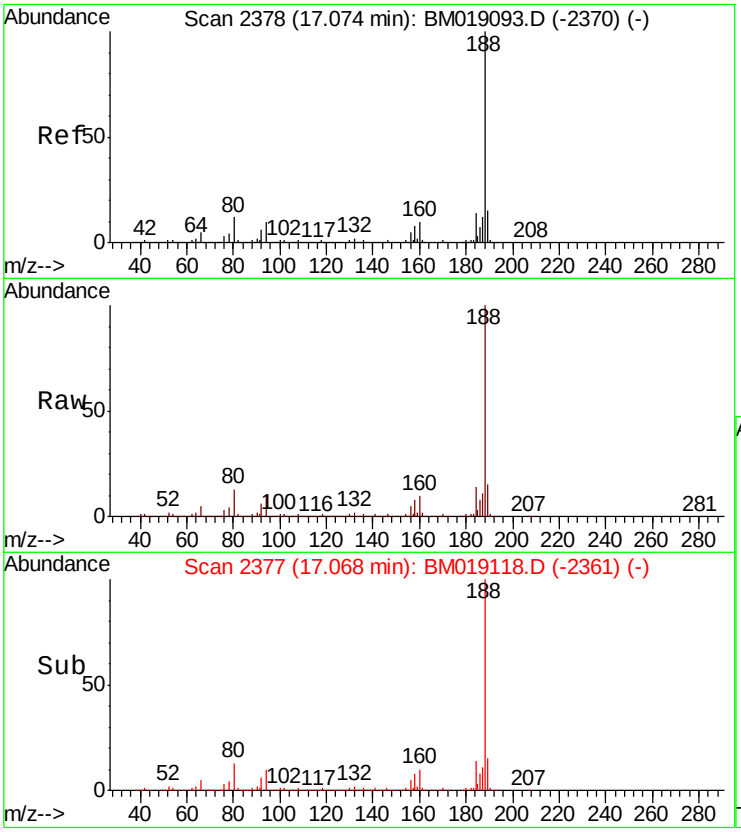


#45
2-Fluorobiphenyl
Concen: 89.011 ng
RT: 12.93 min Scan# 1674
Delta R.T. 0.00 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Tgt Ion:172 Resp: 4539744

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.6	42.8
170	23.8	18.6	28.0



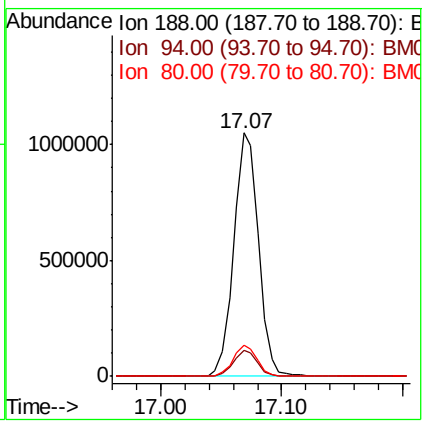


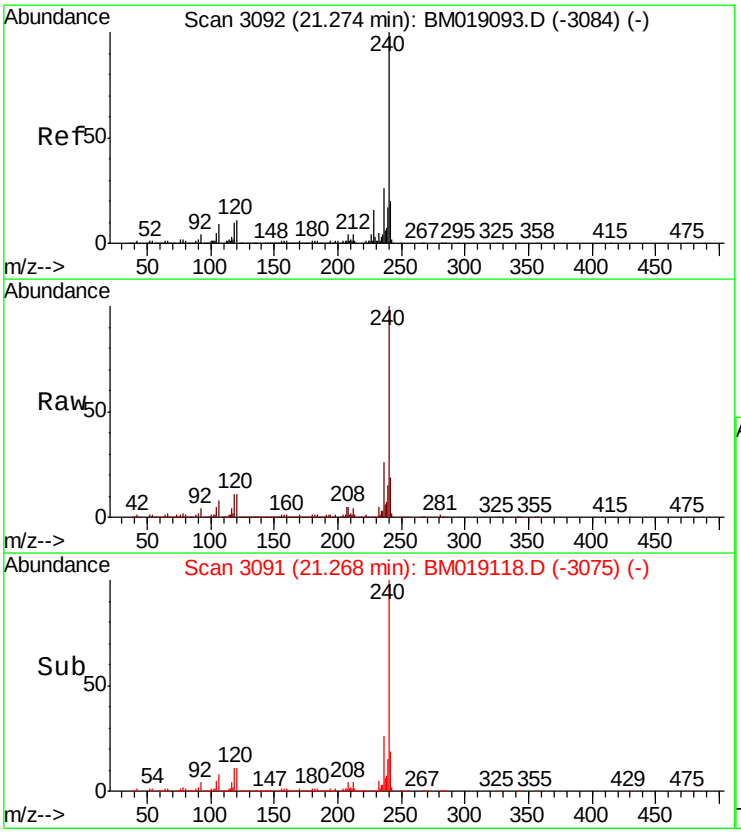
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2377
Delta R.T. -0.01 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Instrument :
BNA_M
ClientSampleId :
PR-MW-02_030819

Tgt Ion:188 Resp: 1497358

Ion	Ratio	Lower	Upper
188	100		
94	10.4	8.1	12.1
80	12.7	9.7	14.5

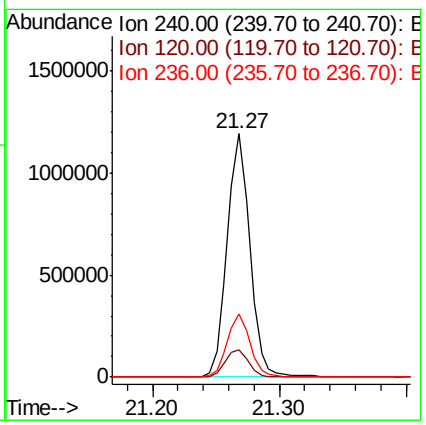


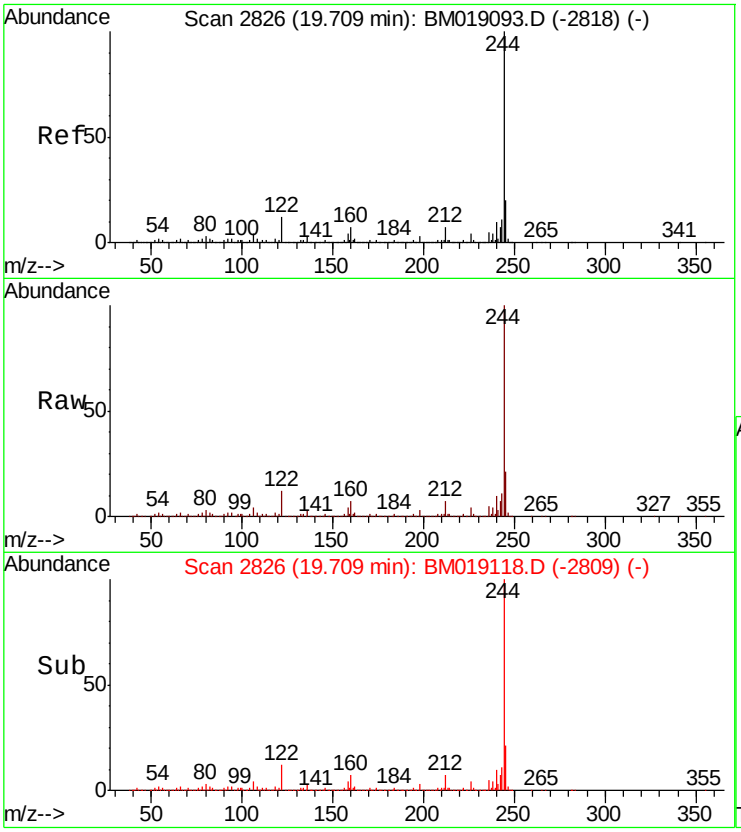


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Tgt Ion:240 Resp: 1480669

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.8	21.0	31.4



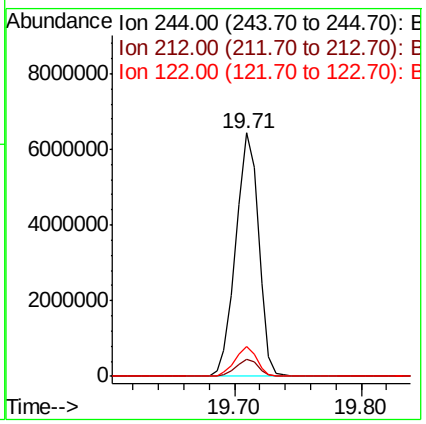


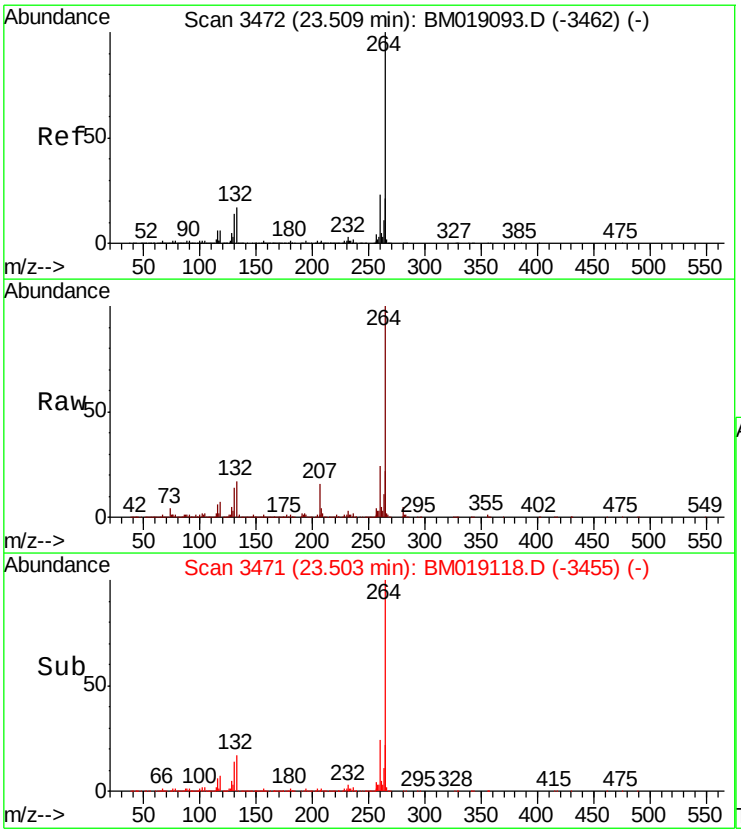
#79
Terphenyl-d14
Concen: 107.221 ng
RT: 19.71 min Scan# 2826
Delta R.T. 0.00 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Instrument :
BNA_M
ClientSampleId :
PR-MW-02_030819

Tgt Ion:244 Resp: 7997027

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.4	8.2
122	12.0	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.50 min Scan# 3471
Delta R.T. -0.01 min
Lab File: BM019118.D
Acq: 12 Mar 2019 18:54

Tgt Ion:264 Resp: 1315939

Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	28.0
265	22.1	17.3	25.9