Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021919\
Data File : BM018857.D
Acq On : 19 Feb 2019 15:22
Operator : JU/SJ
Sample : K1515-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TS-3

Quant Time: Feb 19 17:20:01 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	273070	20.00	ng	-0.01
21) Naphthalene-d8	10.49	136	1095497	20.00	ng	-0.01
39) Acenaphthene-d10	14.35	164	598404	20.00	ng	-0.01
64) Phenanthrene-d10	17.10	188	1329502	20.00	ng	-0.01
76) Chrysene-d12	21.30	240	1301991	20.00	ng	-0.01
87) Perylene-d12	23.55	264	1163693	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	2379837	142.79	ng	0.00
7) Phenol-d6	6.88	99	3245237	138.22	ng	0.00
23) Nitrobenzene-d5	8.87	82	2104810	88.84	ng	-0.02
42) 2,4,6-Tribromophenol	15.85	330	1109109	128.58	ng	-0.01
45) 2-Fluorobiphenyl	12.97	172	3799712	84.29	ng	-0.01
79) Terphenyl-d14	19.74	244	5643873	89.42	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.90	94	86684	3.509	ng	87
50) Dimethylphthalate	13.82	163	200869	4.028	ng	99

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

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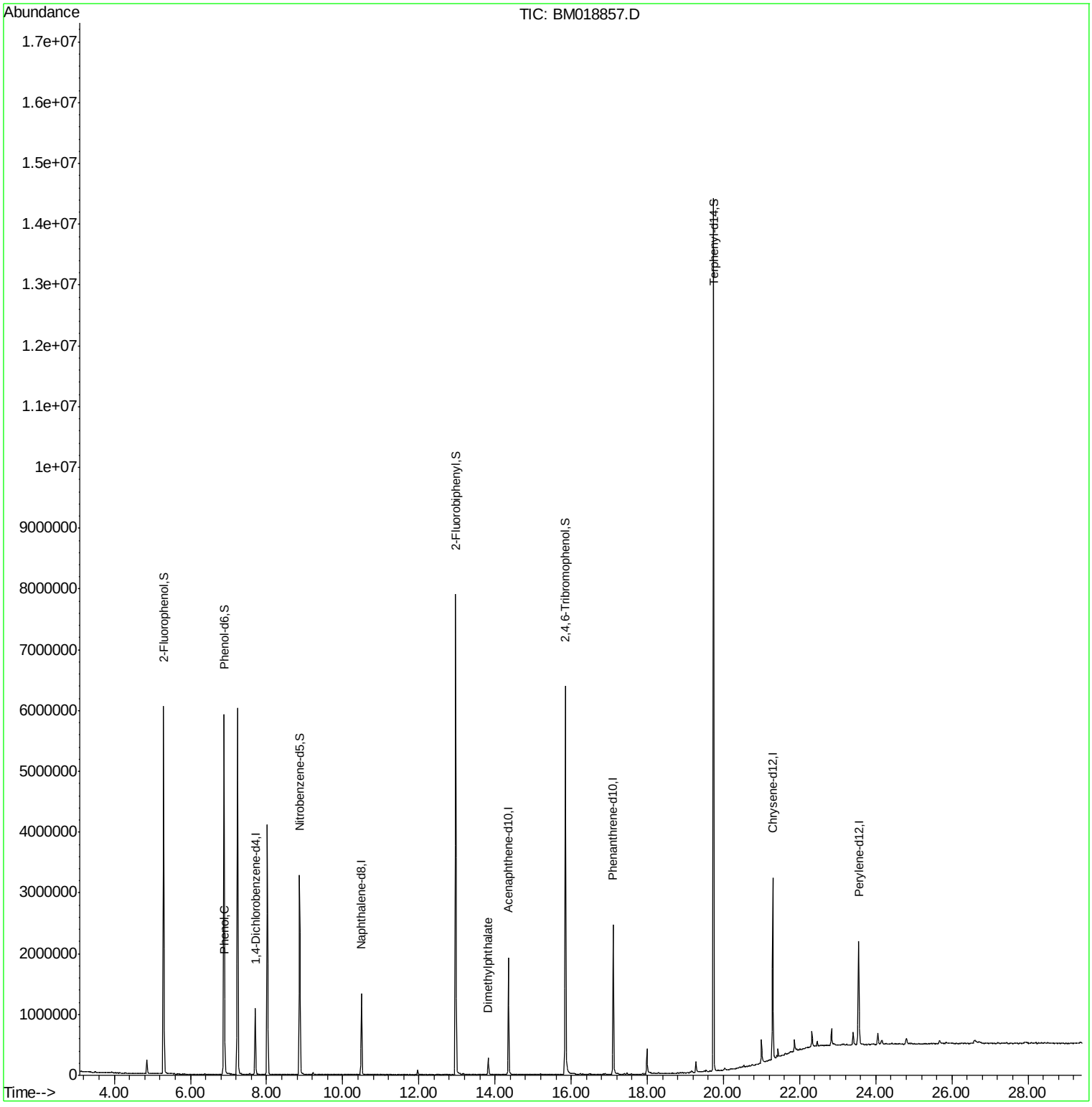
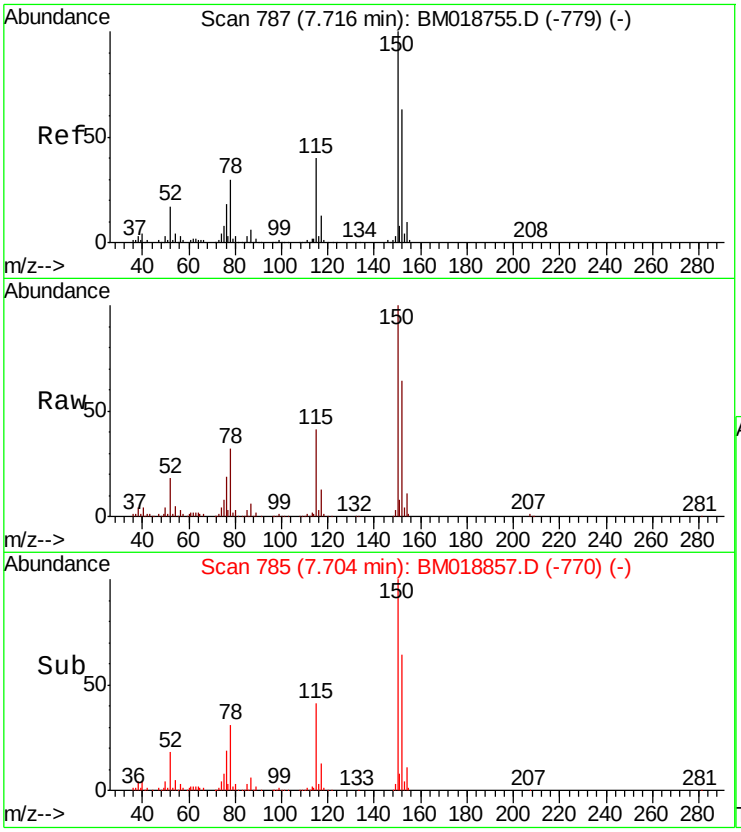


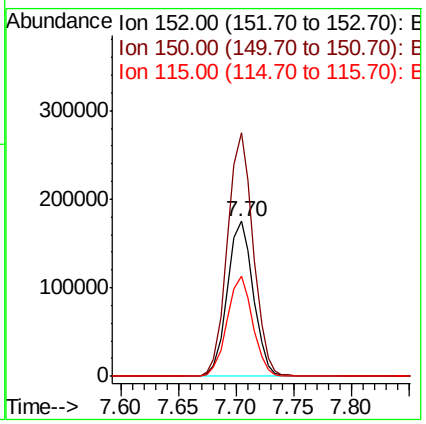


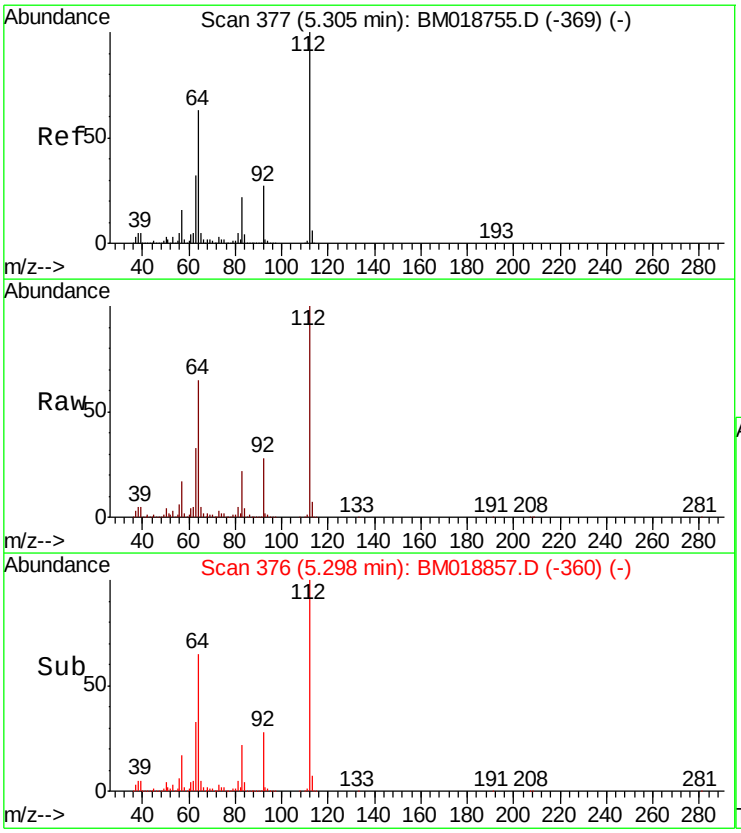
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.70 min Scan# 785
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
TS-3

Tgt Ion:152 Resp: 273070

Ion	Ratio	Lower	Upper
152	100		
150	157.2	127.3	190.9
115	64.5	50.8	76.2

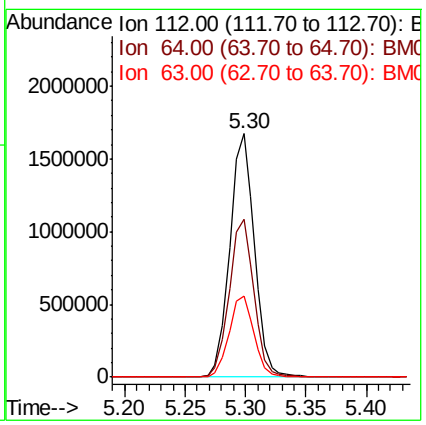


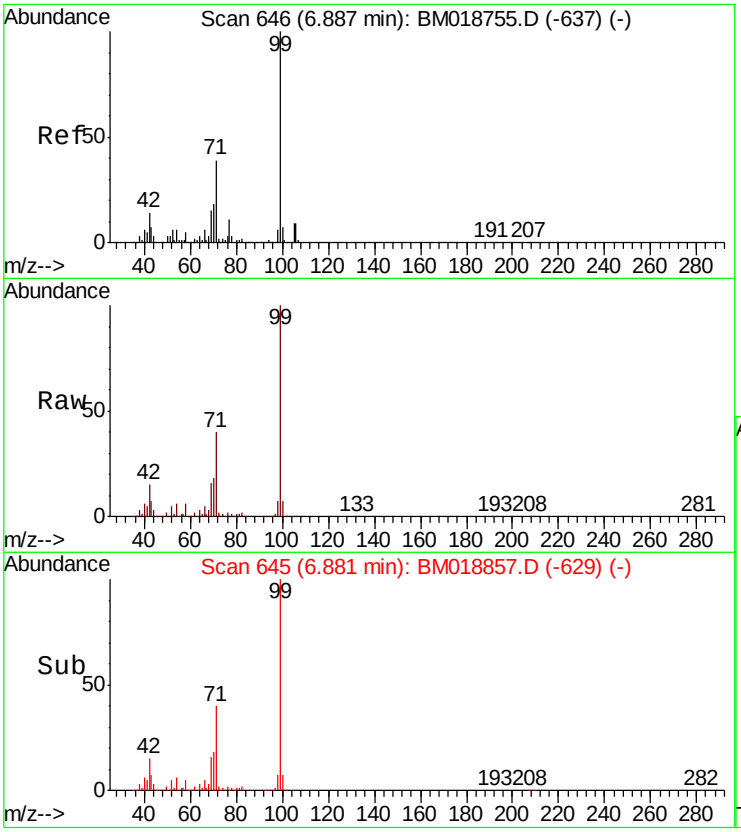


#5
2-Fluorophenol
Concen: 142.795 ng
RT: 5.30 min Scan# 376
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Tgt Ion:112 Resp: 2379837

Ion	Ratio	Lower	Upper
112	100		
64	64.7	50.6	75.8
63	33.4	25.7	38.5



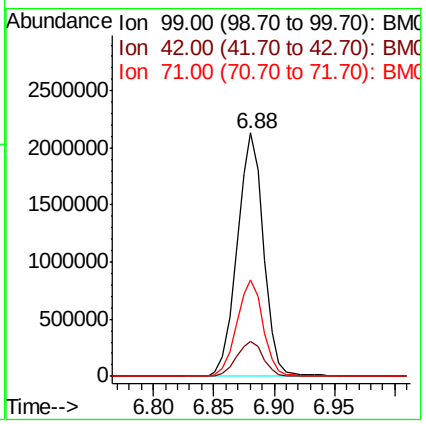


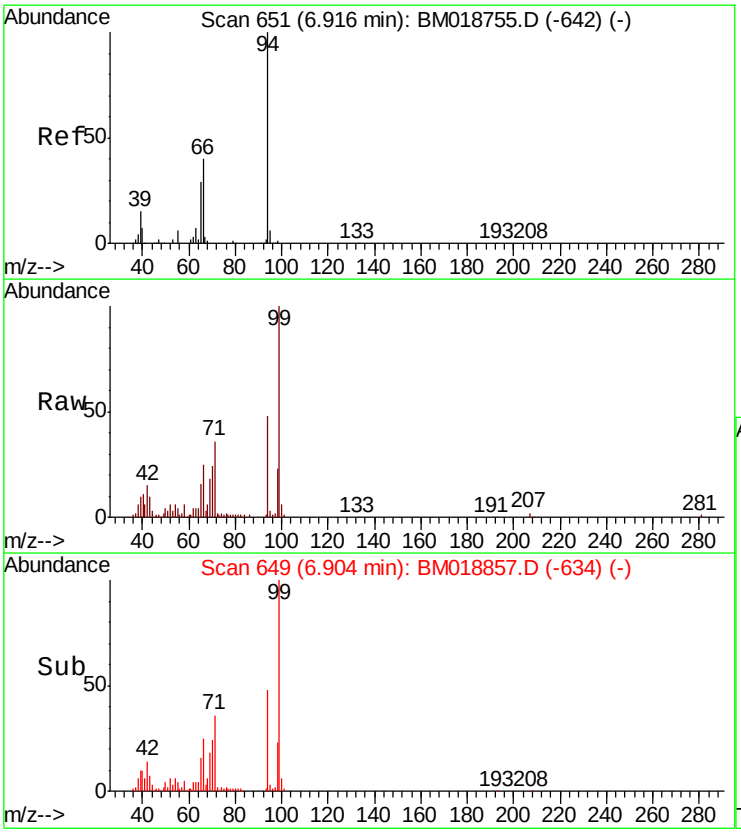
#7
Phenol-d6
Concen: 138.222 ng
RT: 6.88 min Scan# 645
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
TS-3

Tgt Ion: 99 Resp: 3245237

Ion	Ratio	Lower	Upper
99	100		
42	14.6	11.0	16.6
71	39.8	31.3	46.9

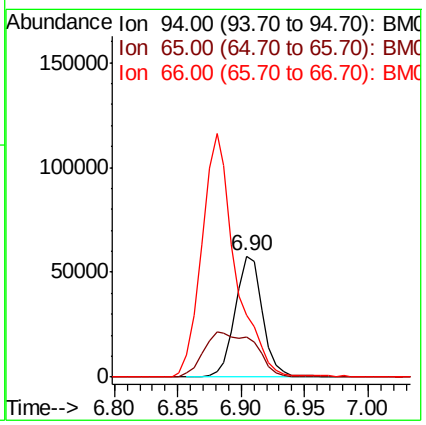


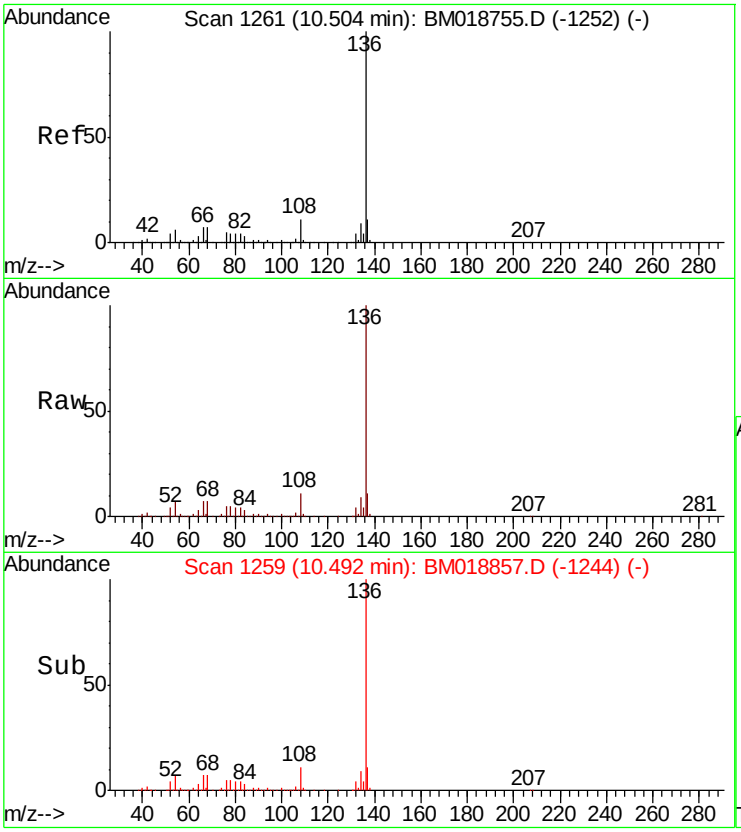


#10
Phenol
Concen: 3.509 ng
RT: 6.90 min Scan# 649
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Tgt Ion: 94 Resp: 86684

Ion	Ratio	Lower	Upper
94	100		
65	33.6	9.6	49.6
66	51.5	20.4	60.4



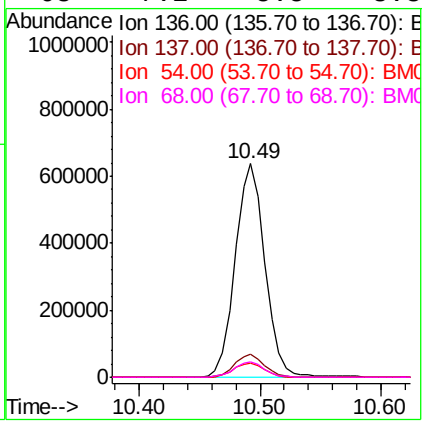


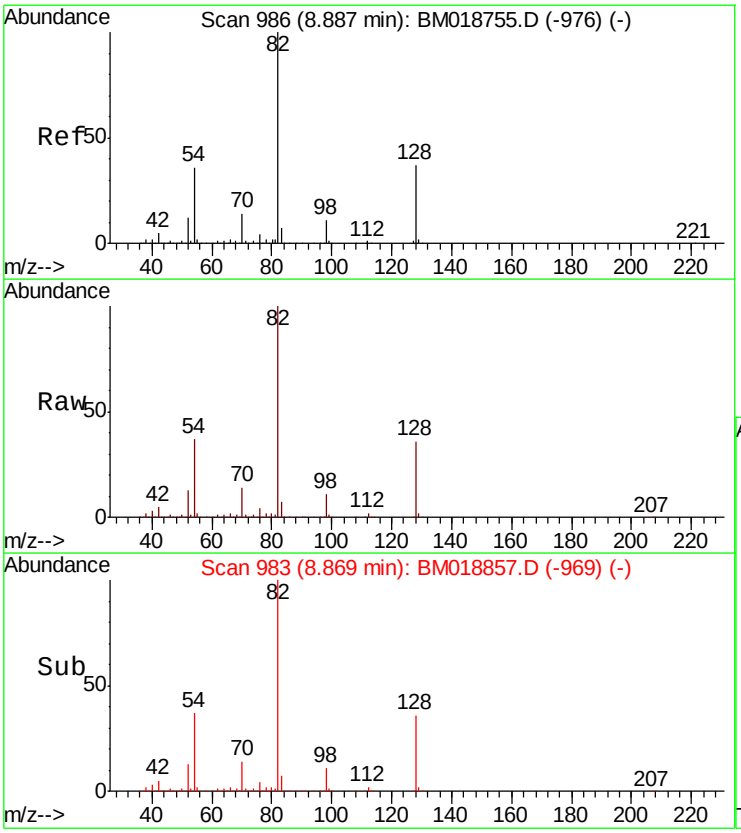
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
TS-3

Tgt Ion:136 Resp: 1095497

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	6.6	5.0	7.6
68	7.2	5.5	8.3

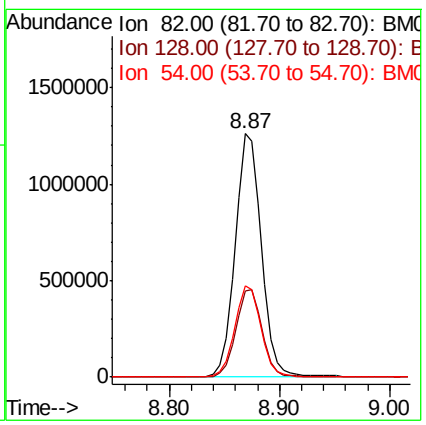


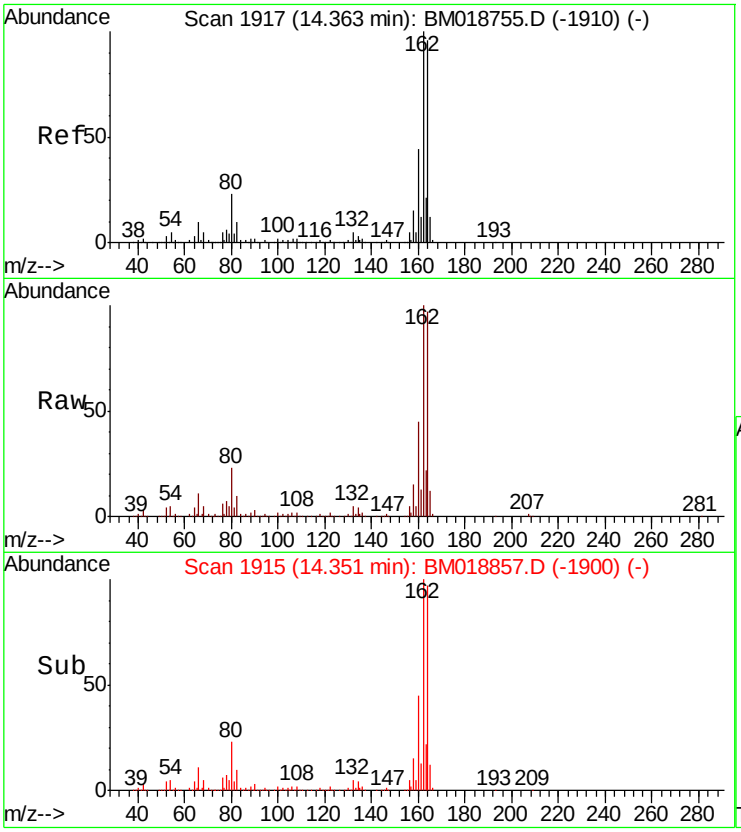


#23
Nitrobenzene-d5
Concen: 88.840 ng
RT: 8.87 min Scan# 983
Delta R.T. -0.02 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Tgt Ion: 82 Resp: 2104810

Ion	Ratio	Lower	Upper
82	100		
128	35.5	29.9	44.9
54	37.4	29.1	43.7



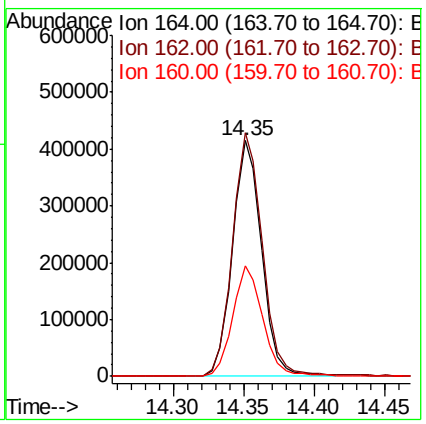


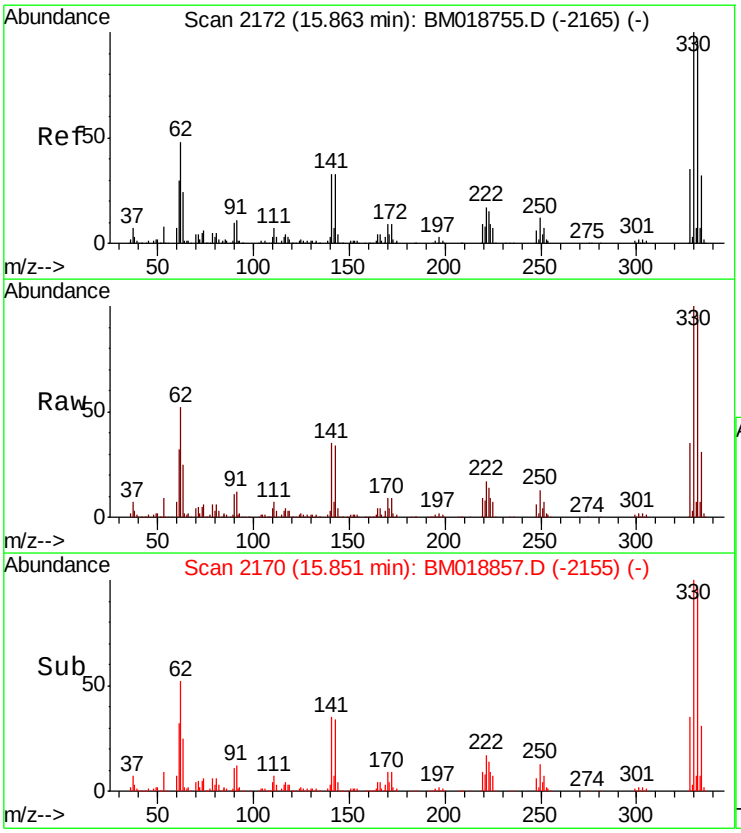
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.35 min Scan# 1915
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
TS-3

Tgt Ion:164 Resp: 598404

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.4	125.0
160	46.9	36.6	55.0

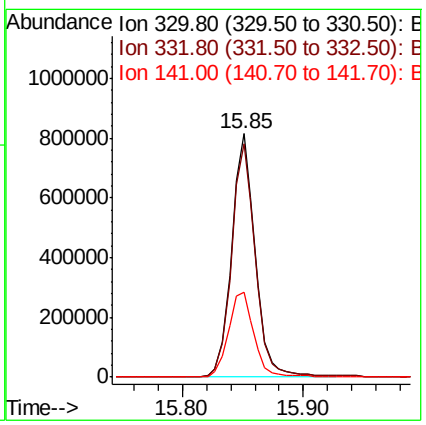


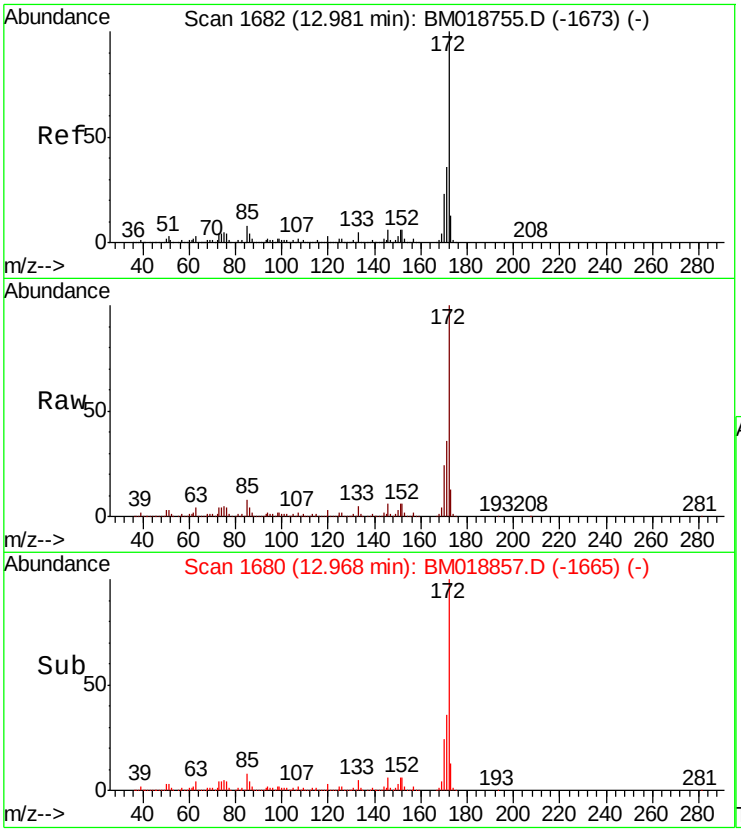


#42
2,4,6-Tribromophenol
Concen: 128.580 ng
RT: 15.85 min Scan# 2170
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Tgt Ion:330 Resp: 1109109

Ion	Ratio	Lower	Upper
330	100		
332	96.9	76.9	115.3
141	37.7	28.7	43.1



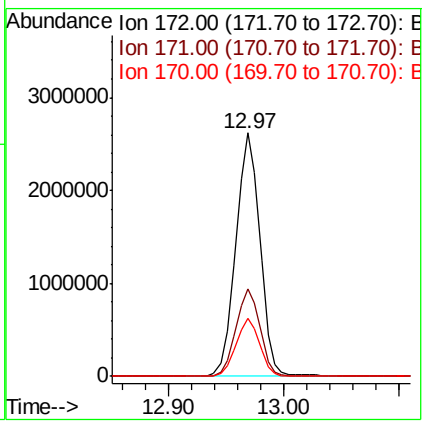


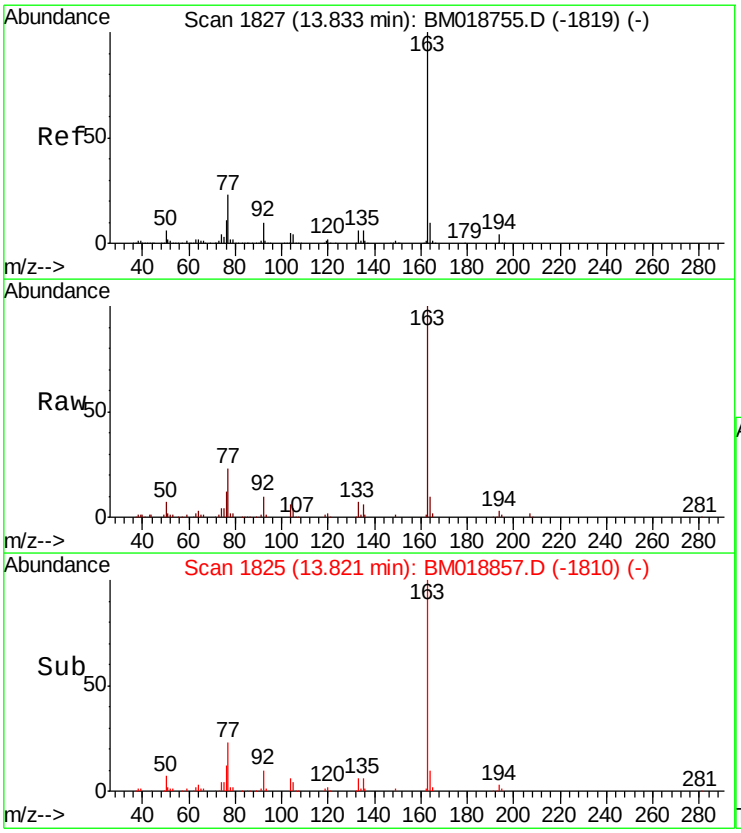
#45
2-Fluorobiphenyl
Concen: 84.291 ng
RT: 12.97 min Scan# 1680
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
TS-3

Tgt Ion:172 Resp: 3799712

Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.0	43.6
170	23.9	18.6	28.0

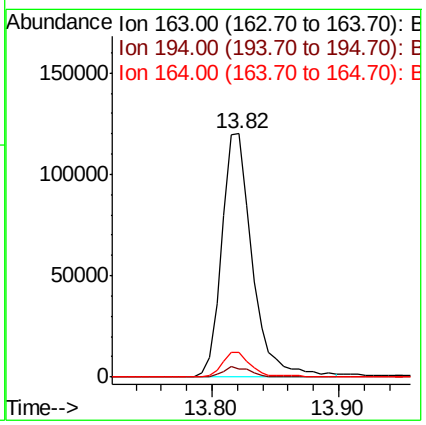


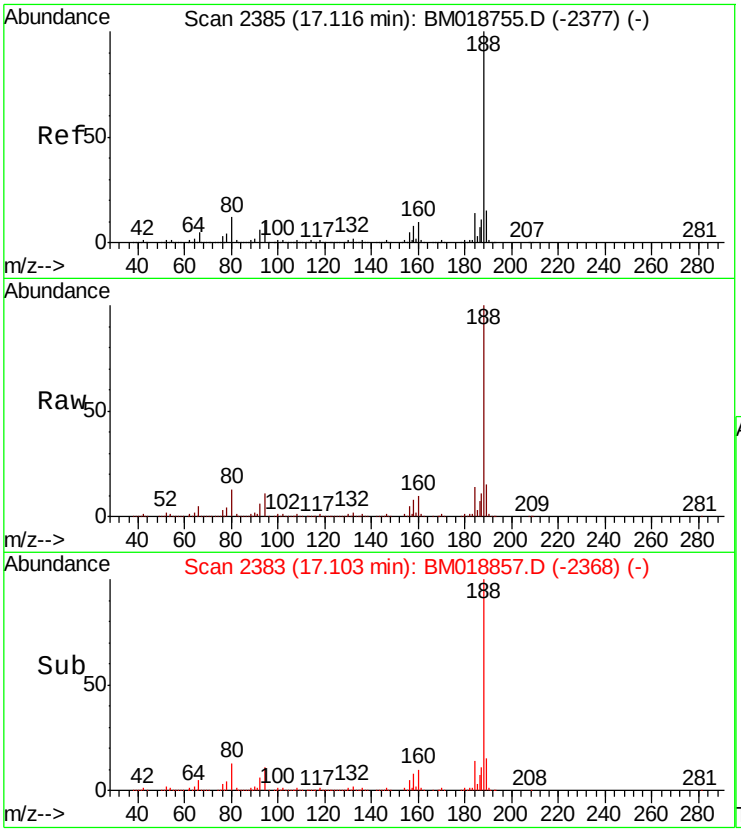


#50
Dimethylphthalate
Concen: 4.028 ng
RT: 13.82 min Scan# 1825
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Tgt Ion:163 Resp: 200869

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.2	4.8
164	10.1	7.8	11.8



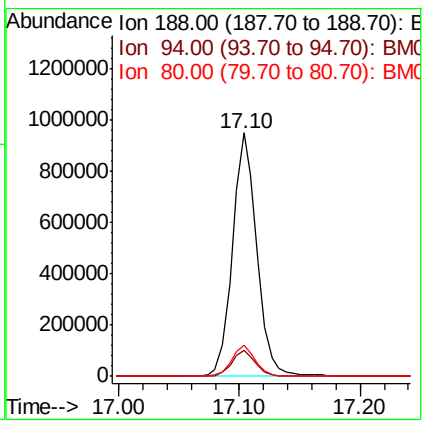


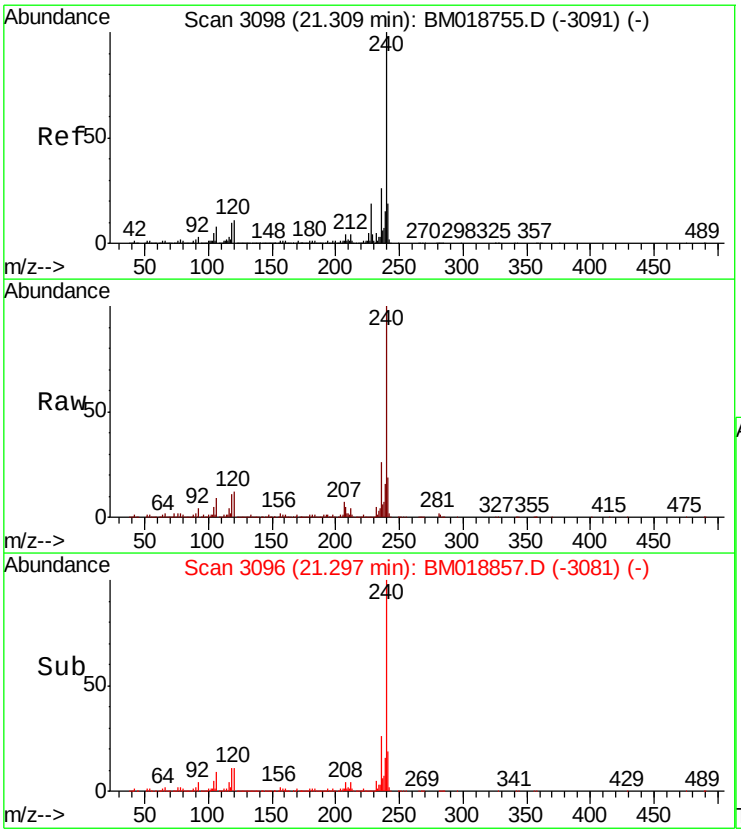
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.10 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
TS-3

Tgt Ion:188 Resp: 1329502

Ion	Ratio	Lower	Upper
188	100		
94	10.6	8.2	12.2
80	12.5	9.7	14.5

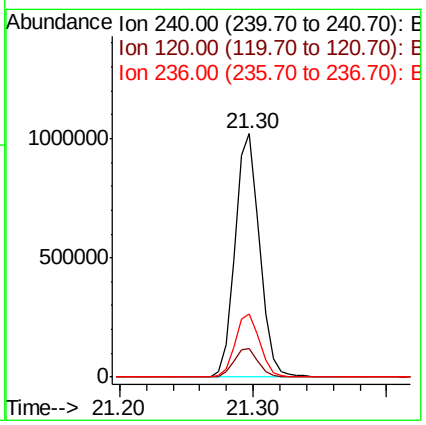


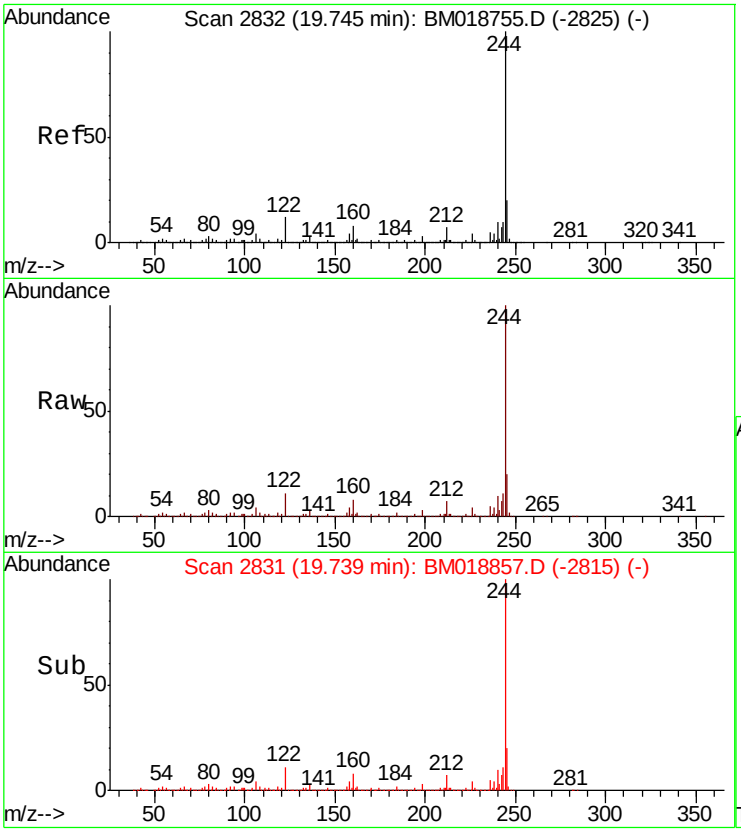


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Tgt Ion:240 Resp: 1301991

Ion	Ratio	Lower	Upper
240	100		
120	11.5	8.9	13.3
236	26.2	20.9	31.3



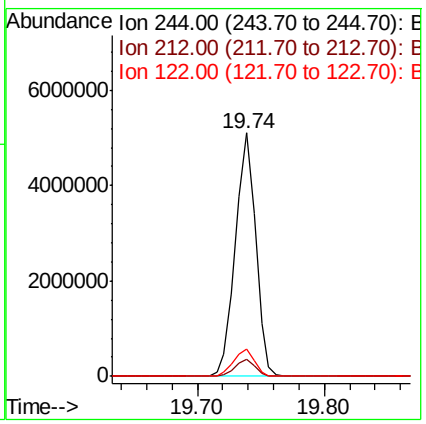


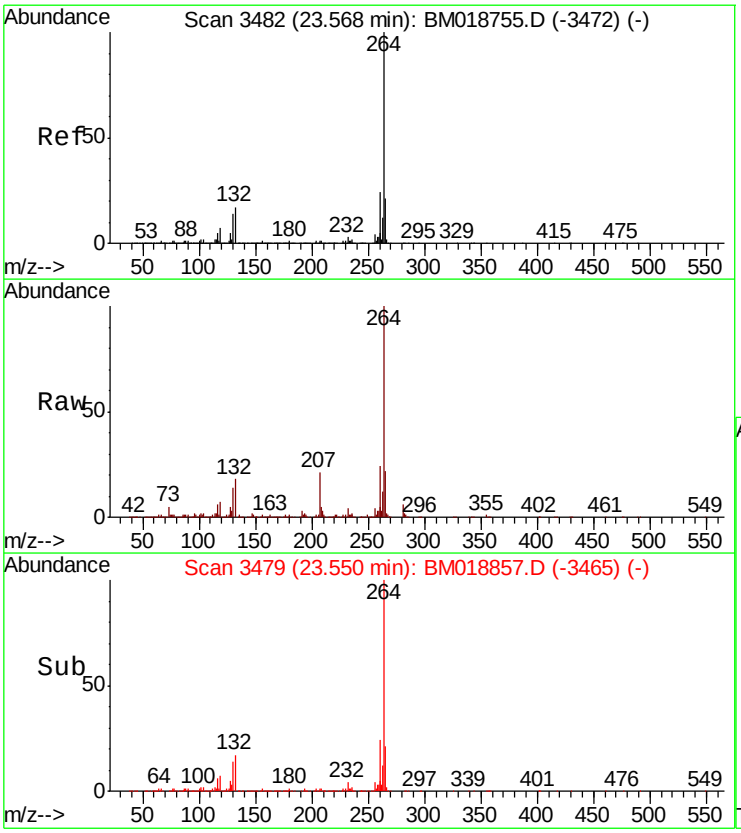
#79
Terphenyl-d14
Concen: 89.422 ng
RT: 19.74 min Scan# 2831
Delta R.T. -0.01 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Instrument :
BNA_M
ClientSampleId :
TS-3

Tgt Ion:244 Resp: 5643873

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	11.1	9.3	13.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.55 min Scan# 3479
Delta R.T. -0.02 min
Lab File: BM018857.D
Acq: 19 Feb 2019 15:22

Tgt Ion:264 Resp: 1163693

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.6	17.3	25.9