Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032119\
Data File : BM019307.D
Acq On : 22 Mar 2019 01:10
Operator : JU/SJ
Sample : K2002-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : S-2(5-30)-COMP

Quant Time: Mar 22 04:46:48 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	7.63	152	196817	20.00	ng	-0.04
21) Naphthalene-d8	10.41	136	861200	20.00	ng	-0.04
39) Acenaphthene-d10	14.29	164	528937	20.00	ng	-0.04
64) Phenanthrene-d10	17.04	188	1111630	20.00	ng	-0.03
76) Chrysene-d12	21.24	240	790971	20.00	ng	-0.03
87) Perylene-d12	23.47	264	803296	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	1597894	131.48	ng	-0.02
7) Phenol-d6	6.82	99	2376632	133.70	ng	-0.03
23) Nitrobenzene-d5	8.80	82	1332562	73.14	ng	-0.04
42) 2,4,6-Tribromophenol	15.79	330	896476	114.79	ng	-0.03
45) 2-Fluorobiphenyl	12.90	172	2589179	63.67	ng	-0.04
79) Terphenyl-d14	19.69	244	3114814	78.18	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.84	94	45585	2.379	ng	# 75
50) Dimethylphthalate	13.75	163	238666	5.275	ng	98

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

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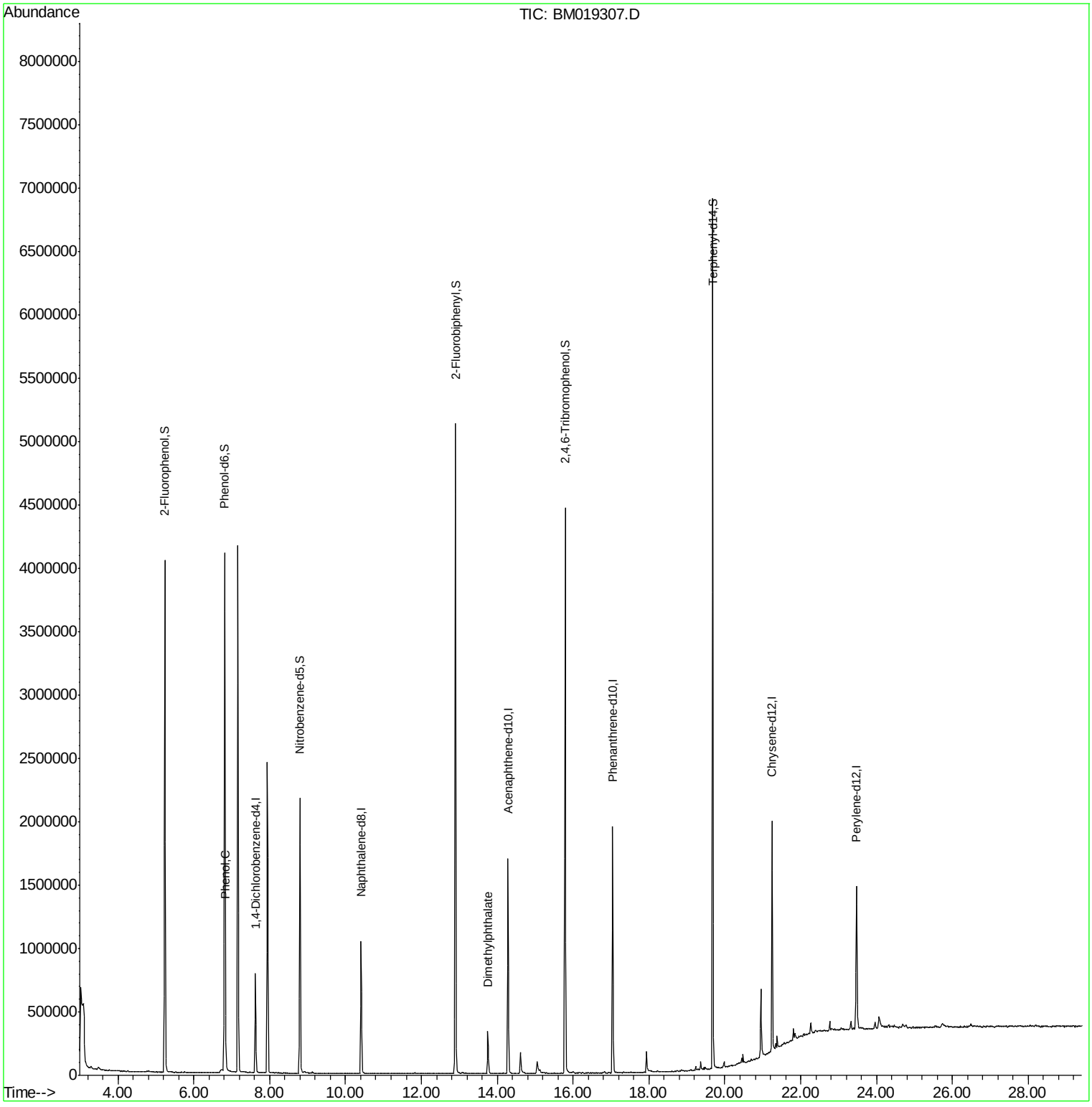
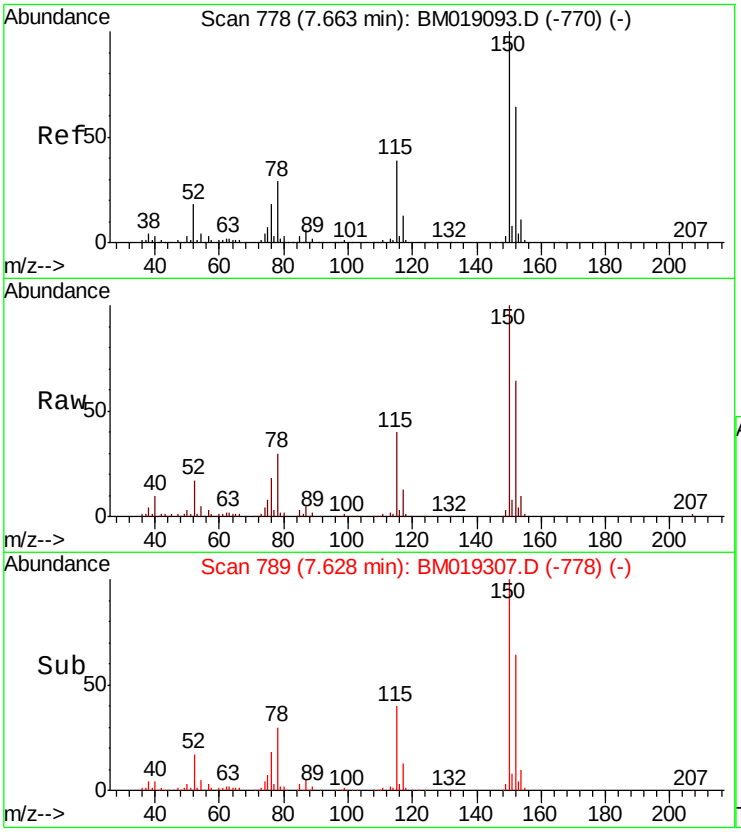


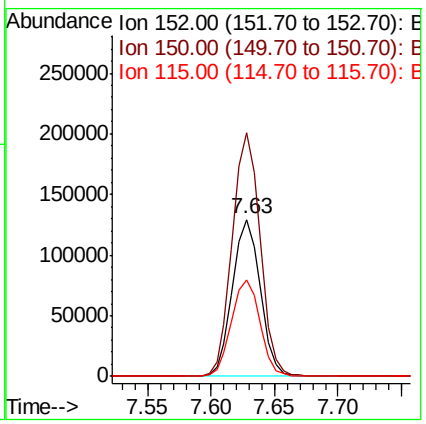


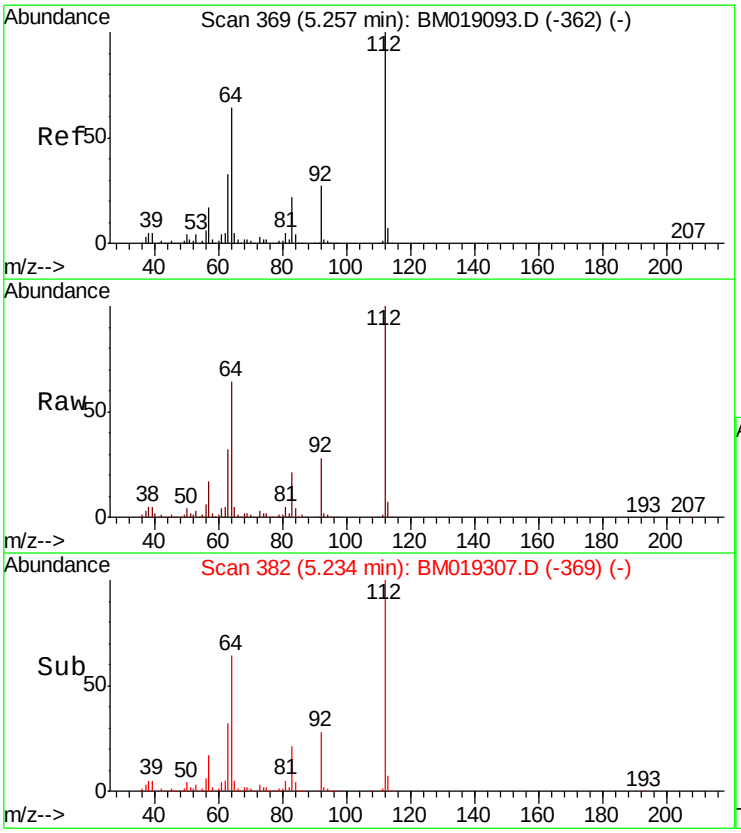
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.63 min Scan# 789
Delta R.T. -0.04 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Instrument :
BNA_M
ClientSampleId :
S-2(5-30)-COMP

Tgt Ion:152 Resp: 196817

Ion	Ratio	Lower	Upper
152	100		
150	155.1	125.3	187.9
115	61.4	49.4	74.0

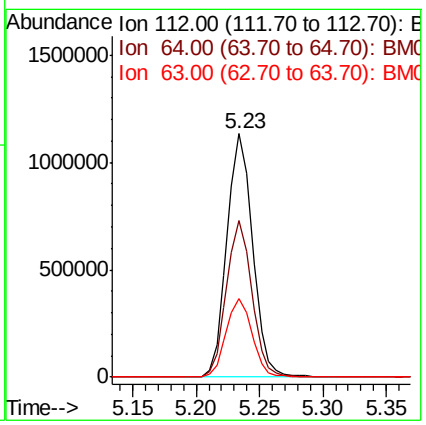


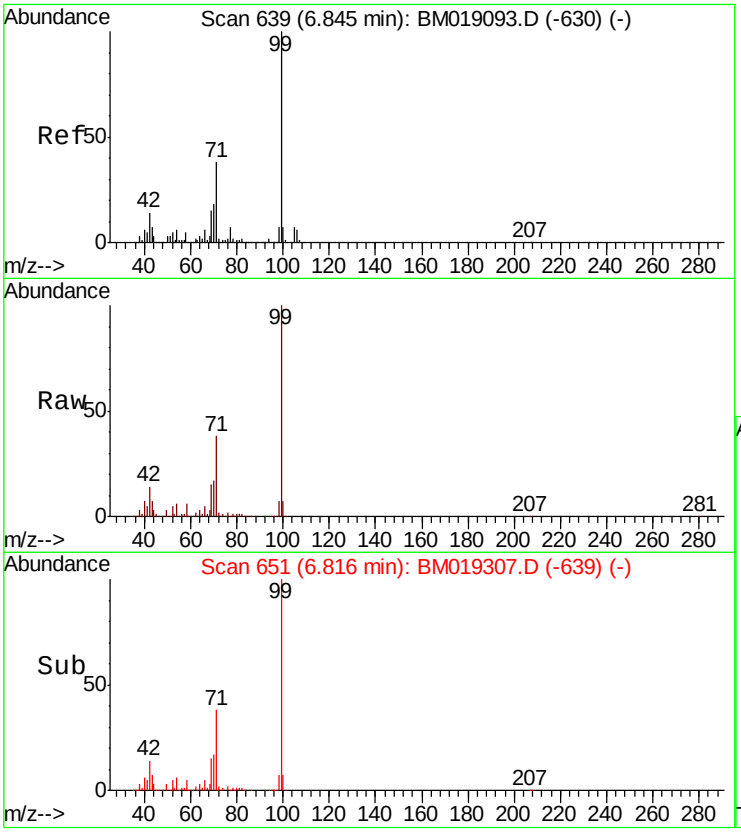


#5
2-Fluorophenol
Concen: 131.480 ng
RT: 5.23 min Scan# 382
Delta R.T. -0.02 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Tgt Ion:112 Resp: 1597894

Ion	Ratio	Lower	Upper
112	100		
64	64.1	51.4	77.0
63	32.5	26.6	40.0



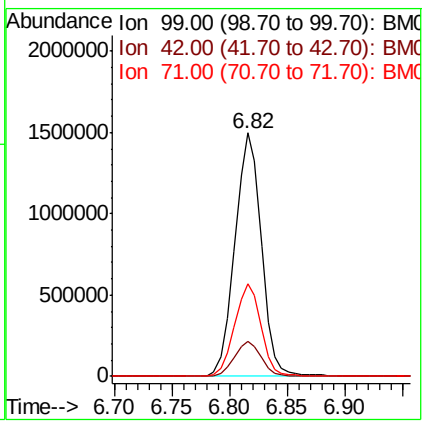


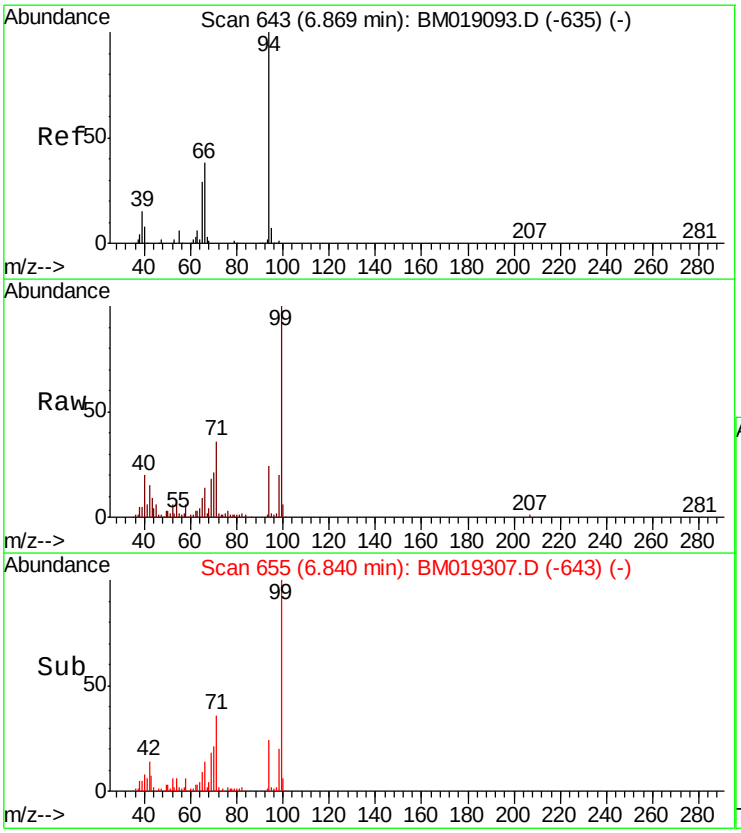
#7
Phenol-d6
Concen: 133.696 ng
RT: 6.82 min Scan# 651
Delta R.T. -0.03 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Instrument :
BNA_M
ClientSampleId :
S-2(5-30)-COMP

Tgt Ion: 99 Resp: 2376632

Ion	Ratio	Lower	Upper
99	100		
42	14.4	10.9	16.3
71	37.8	30.3	45.5

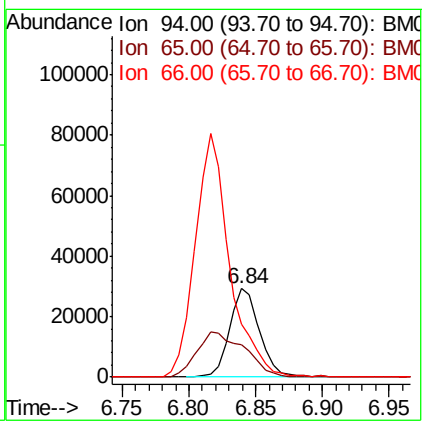


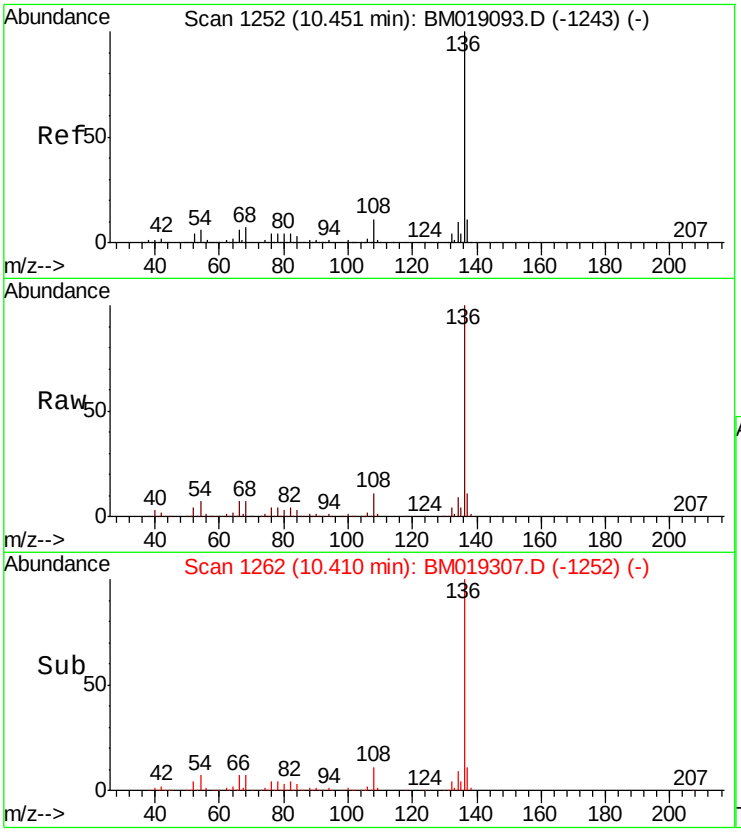


#10
Phenol
Concen: 2.379 ng
RT: 6.84 min Scan# 655
Delta R.T. -0.03 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Tgt Ion: 94 Resp: 45585

Ion	Ratio	Lower	Upper
94	100		
65	37.0	9.7	49.7
66	59.9	19.2	59.2#



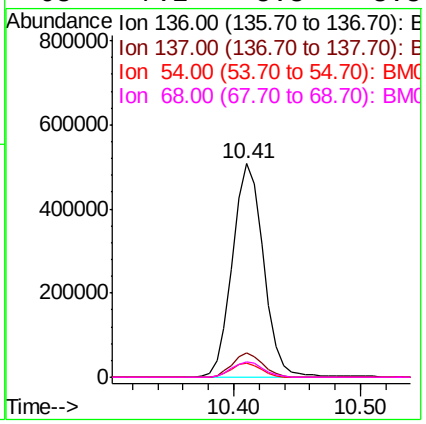


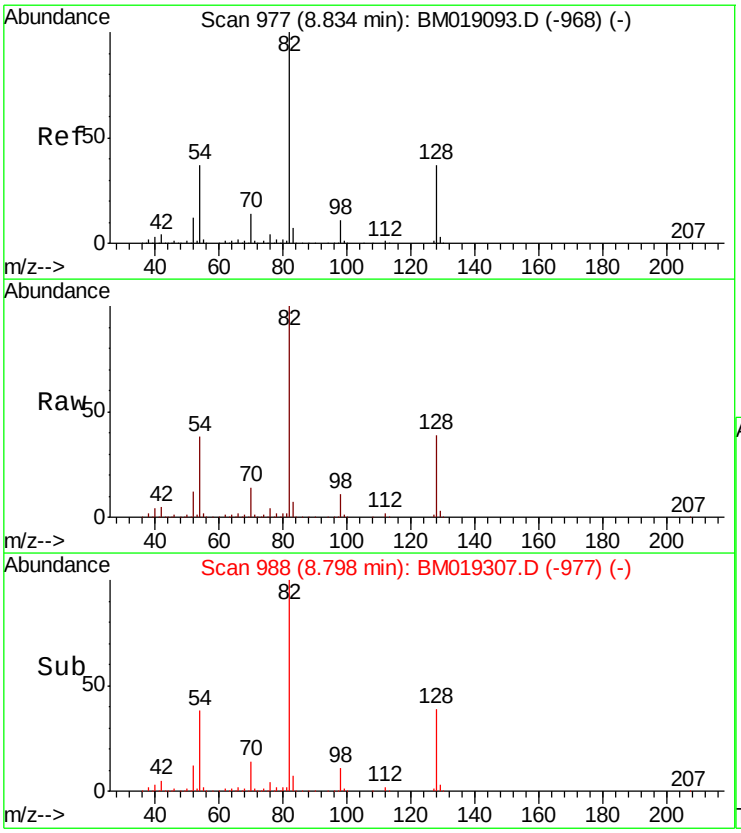
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.41 min Scan# 1262
Delta R.T. -0.04 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Instrument :
BNA_M
ClientSampleId :
S-2(5-30)-COMP

Tgt Ion:136 Resp: 861200

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	6.8	5.2	7.8
68	7.2	5.8	8.8

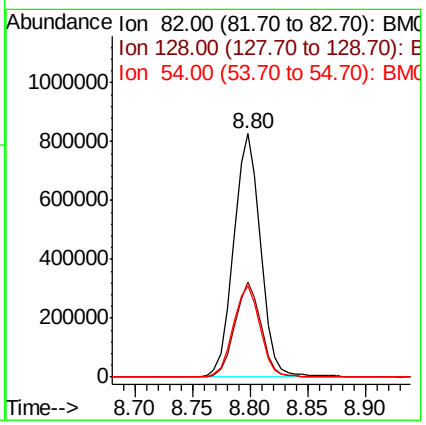


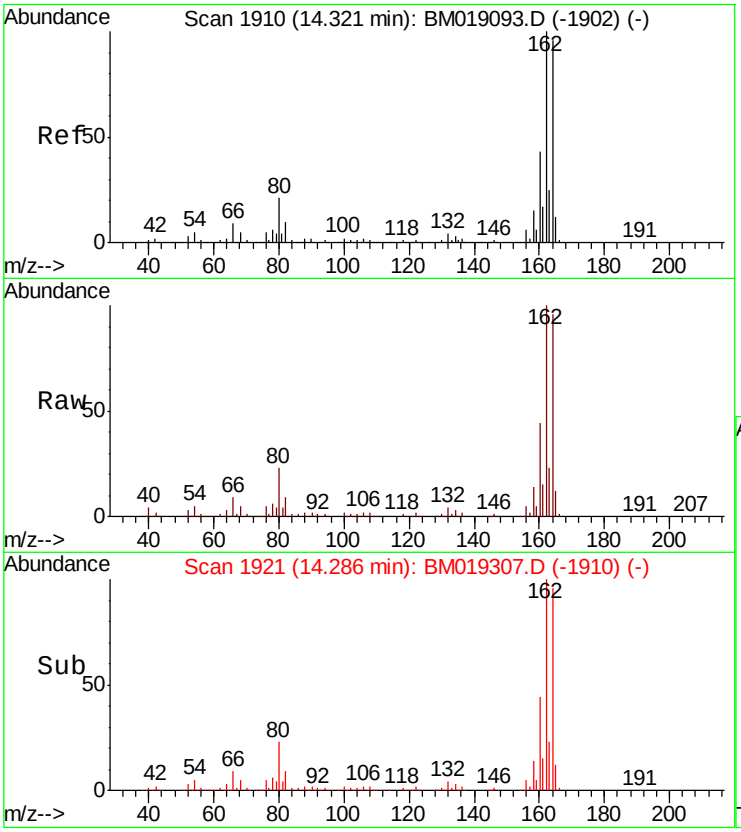


#23
Nitrobenzene-d5
Concen: 73.143 ng
RT: 8.80 min Scan# 988
Delta R.T. -0.04 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Tgt Ion: 82 Resp: 1332562

Ion	Ratio	Lower	Upper
82	100		
128	39.0	29.4	44.2
54	37.6	29.9	44.9



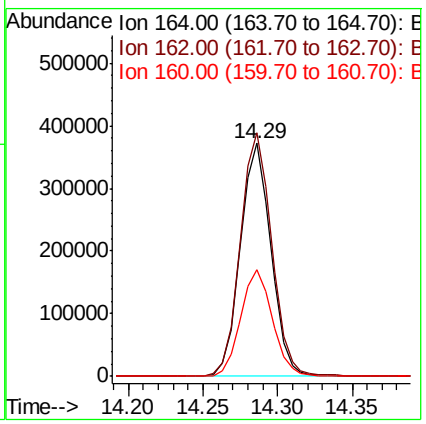


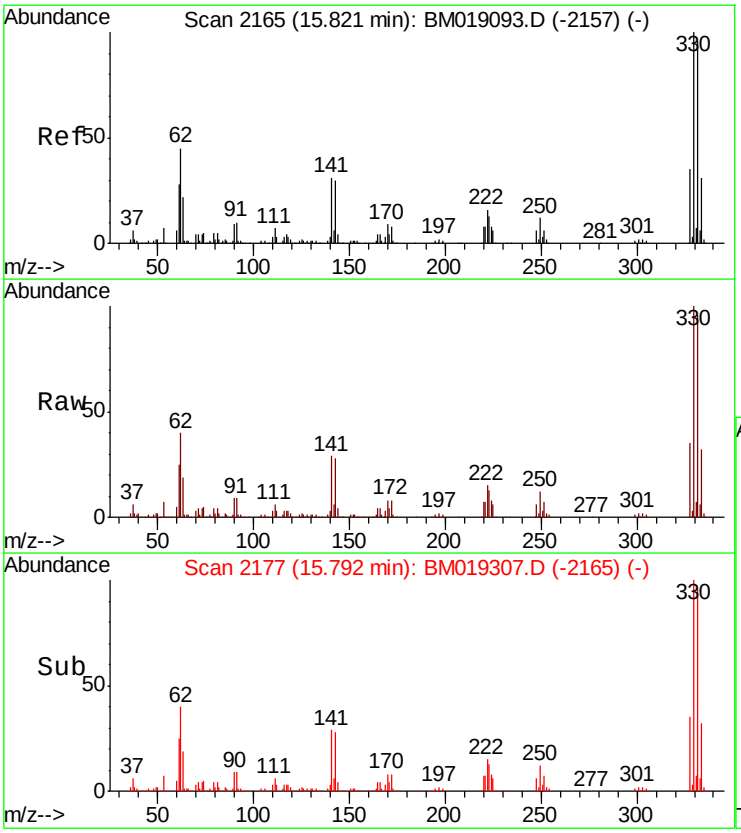
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.29 min Scan# 1921
Delta R.T. -0.04 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Instrument :
BNA_M
ClientSampleId :
S-2(5-30)-COMP

Tgt Ion:164 Resp: 528937

Ion	Ratio	Lower	Upper
164	100		
162	104.4	83.5	125.3
160	45.5	36.3	54.5

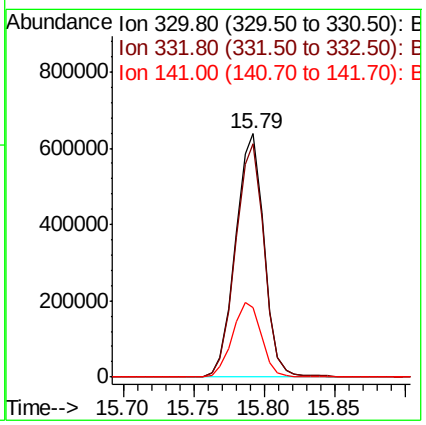


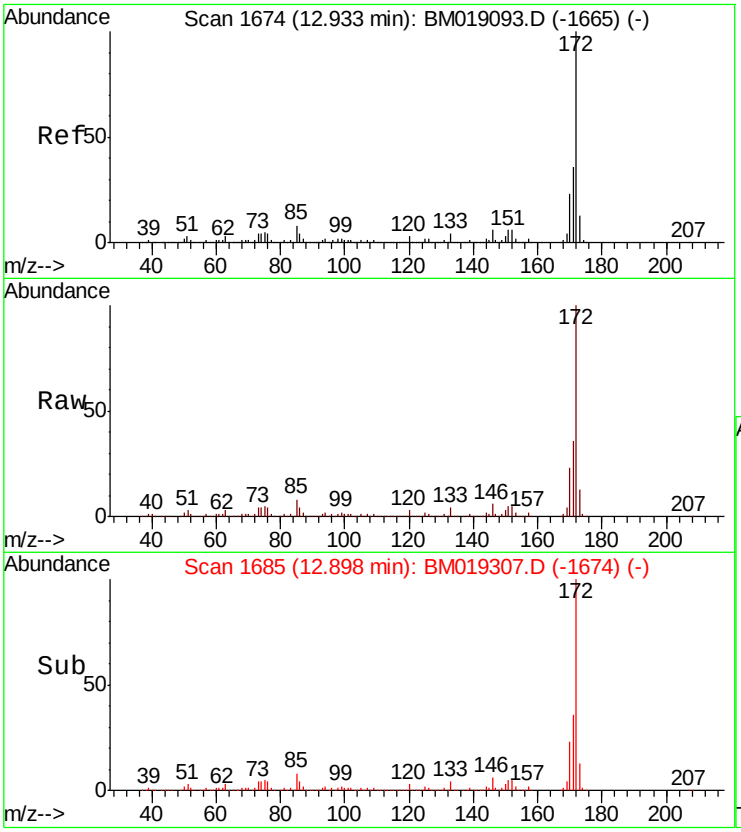


#42
2,4,6-Tribromophenol
Concen: 114.792 ng
RT: 15.79 min Scan# 2177
Delta R.T. -0.03 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Tgt Ion:330 Resp: 896476

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	31.5	27.0	40.4



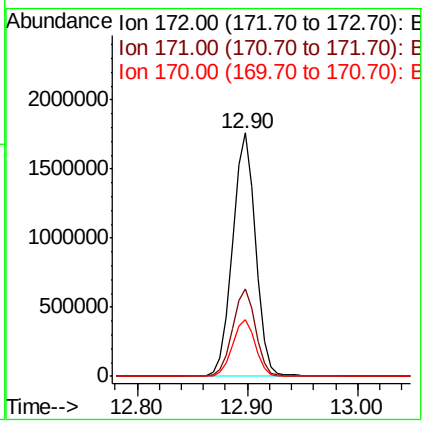


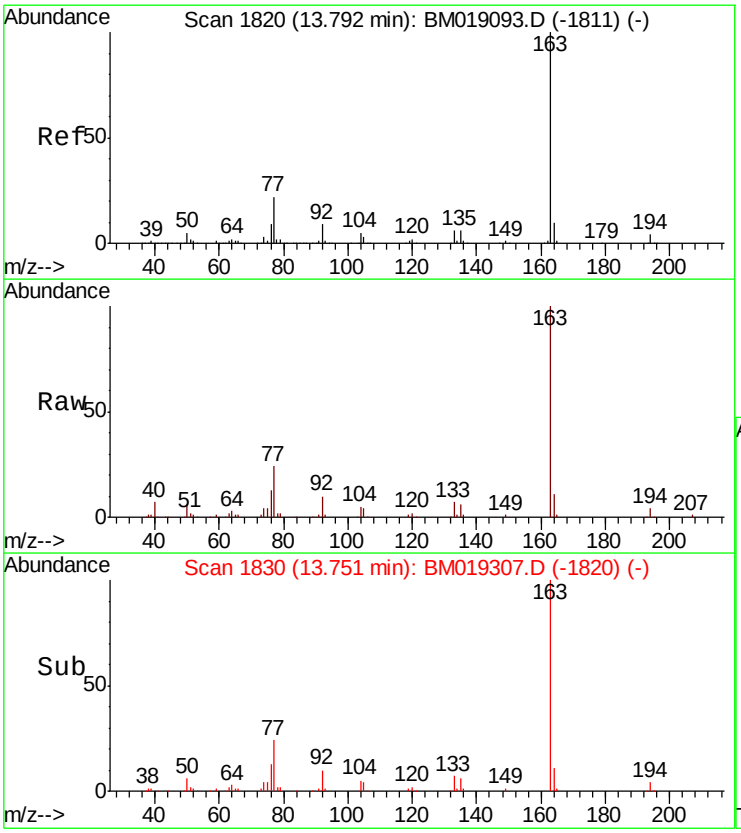
#45
2-Fluorobiphenyl
Concen: 63.673 ng
RT: 12.90 min Scan# 1685
Delta R.T. -0.04 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Instrument :
BNA_M
ClientSampleId :
S-2(5-30)-COMP

Tgt Ion:172 Resp: 2589179

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.6	42.8
170	23.3	18.6	28.0

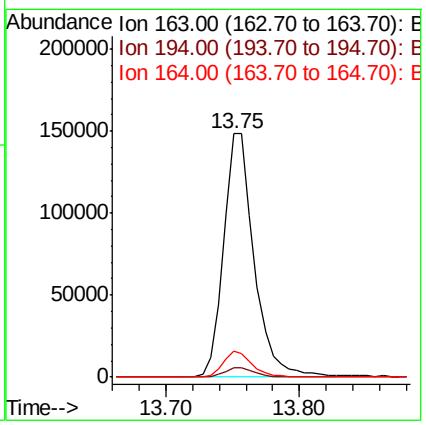


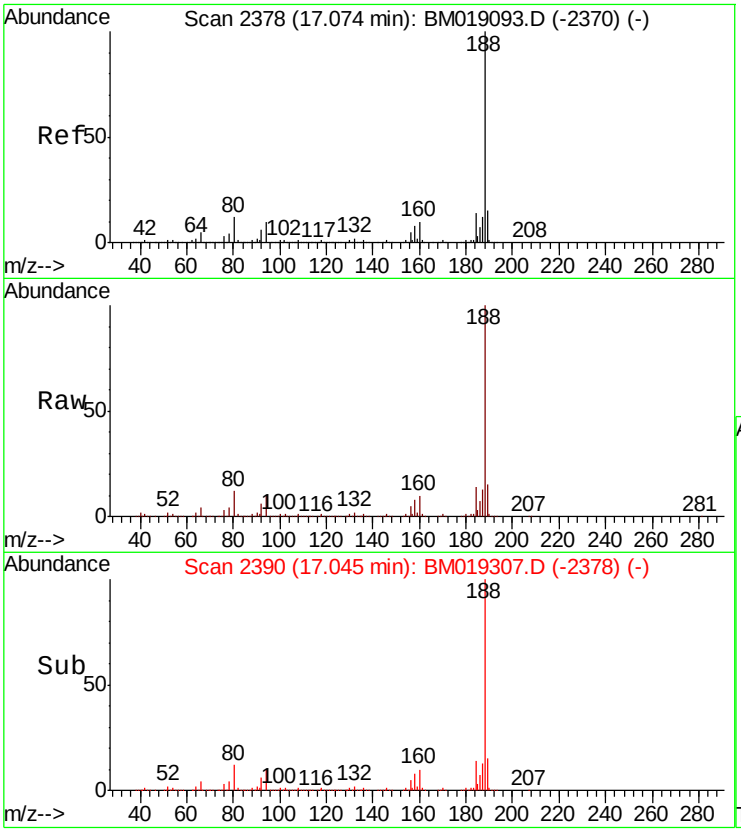


#50
Dimethylphthalate
Concen: 5.275 ng
RT: 13.75 min Scan# 1830
Delta R.T. -0.04 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Tgt Ion:163 Resp: 238666

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.3	4.9
164	10.8	7.7	11.5



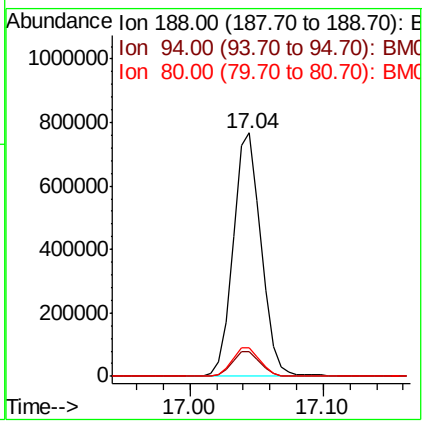


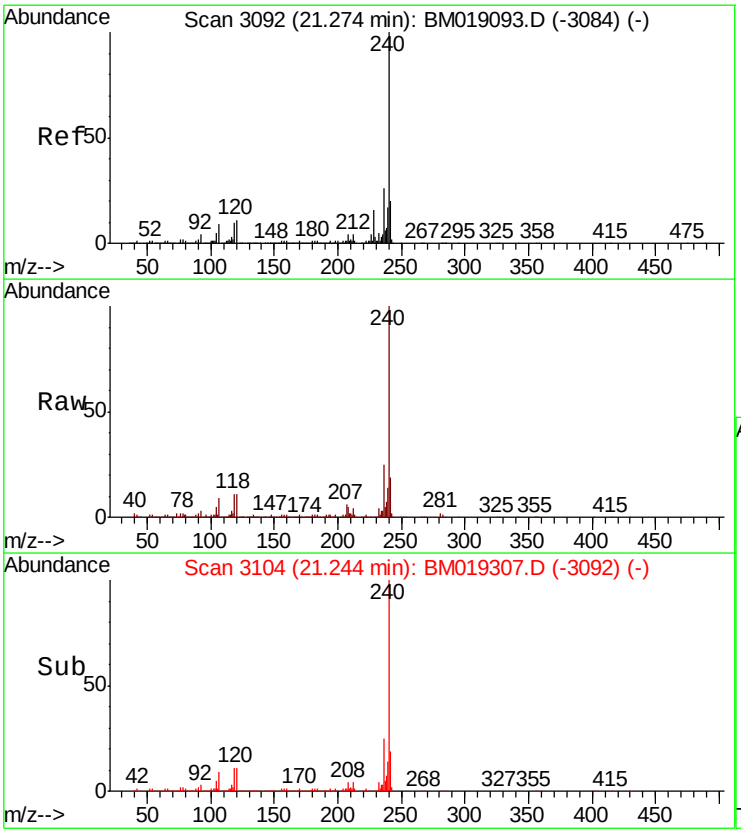
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.04 min Scan# 2390
Delta R.T. -0.03 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Instrument :
BNA_M
ClientSampleId :
S-2(5-30)-COMP

Tgt Ion:188 Resp: 1111630

Ion	Ratio	Lower	Upper
188	100		
94	10.1	8.1	12.1
80	11.9	9.7	14.5

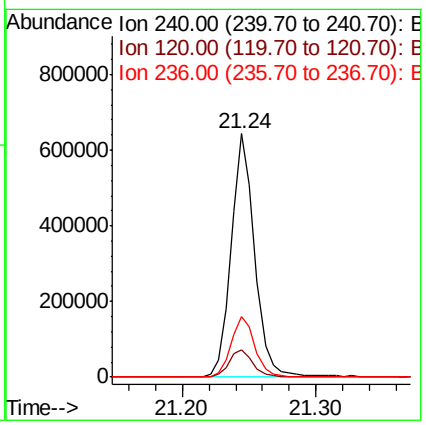


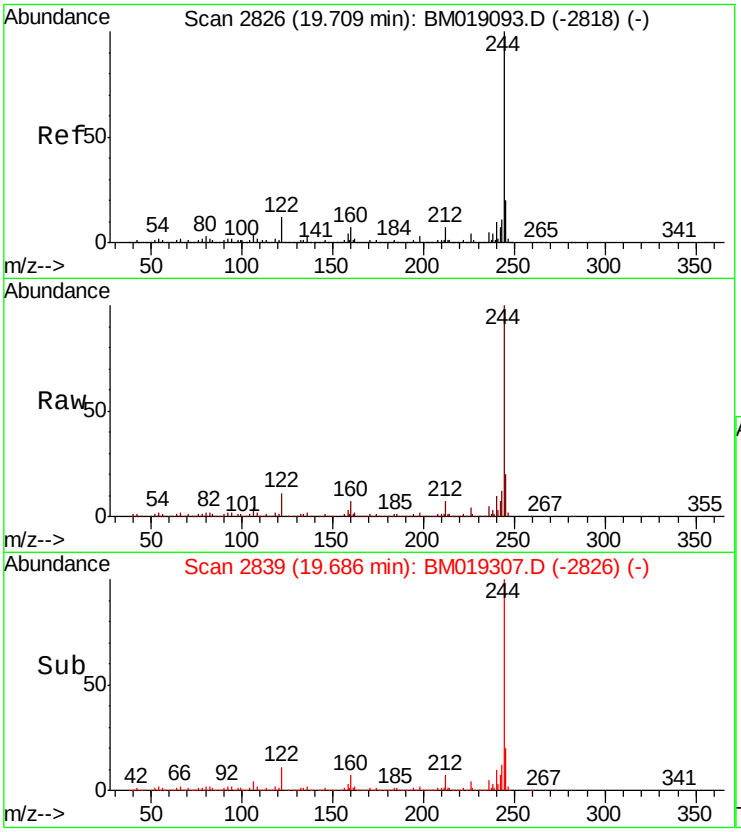


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.24 min Scan# 3104
Delta R.T. -0.03 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Tgt Ion:240 Resp: 790971

Ion	Ratio	Lower	Upper
240	100		
120	11.1	8.9	13.3
236	24.9	21.0	31.4



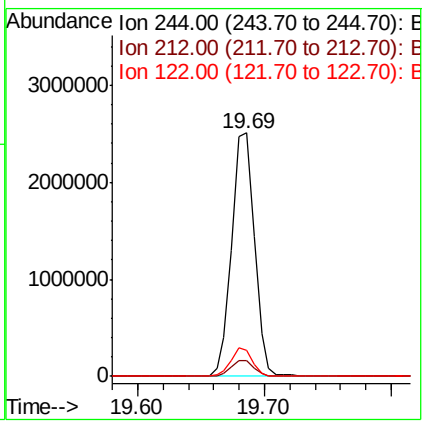


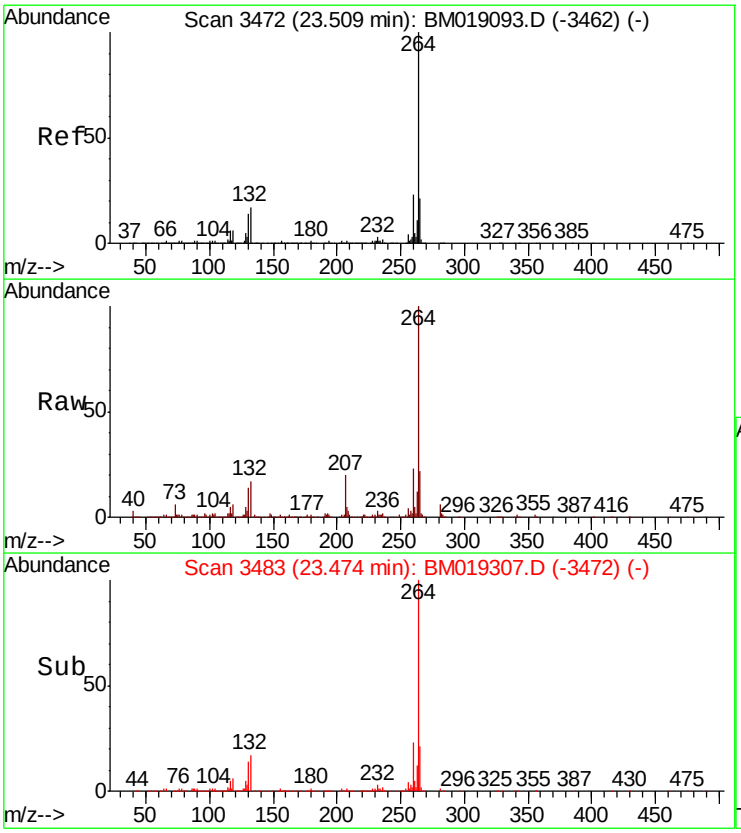
#79
Terphenyl-d14
Concen: 78.177 ng
RT: 19.69 min Scan# 2839
Delta R.T. -0.02 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Instrument :
BNA_M
ClientSampleId :
S-2(5-30)-COMP

Tgt Ion:244 Resp: 3114814

Ion	Ratio	Lower	Upper
244	100		
212	6.5	5.4	8.2
122	10.6	9.4	14.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.47 min Scan# 3483
Delta R.T. -0.04 min
Lab File: BM019307.D
Acq: 22 Mar 2019 01:10

Tgt Ion:264 Resp: 803296

Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.6	28.0
265	21.7	17.3	25.9