Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM031119\
Data File : BM019101.D
Acq On : 11 Mar 2019 20:01
Operator : JU/SJ
Sample : K1817-03
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : PST-028-SW011-030619

Quant Time: Mar 12 04:23:20 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	75627	20.00	ng	0.00
21) Naphthalene-d8	10.45	136	281538	20.00	ng	0.00
39) Acenaphthene-d10	14.32	164	153095	20.00	ng	0.00
64) Phenanthrene-d10	17.07	188	351458	20.00	ng	0.00
76) Chrysene-d12	21.27	240	434632	20.00	ng	0.00
87) Perylene-d12	23.50	264	507356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	416835	89.26	ng	0.00
7) Phenol-d6	6.84	99	548893	80.36	ng	0.00
23) Nitrobenzene-d5	8.83	82	328103	55.09	ng	0.00
42) 2,4,6-Tribromophenol	15.82	330	191306	84.63	ng	0.00
45) 2-Fluorobiphenyl	12.93	172	622771	52.91	ng	0.00
79) Terphenyl-d14	19.70	244	1067896	48.78	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.86	94	29698	4.034	ng	91
50) Dimethylphthalate	13.79	163	49003	3.742	ng	99

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

Quantitation Report (QT/LSC Reviewed)

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PST-028-SW011-030619

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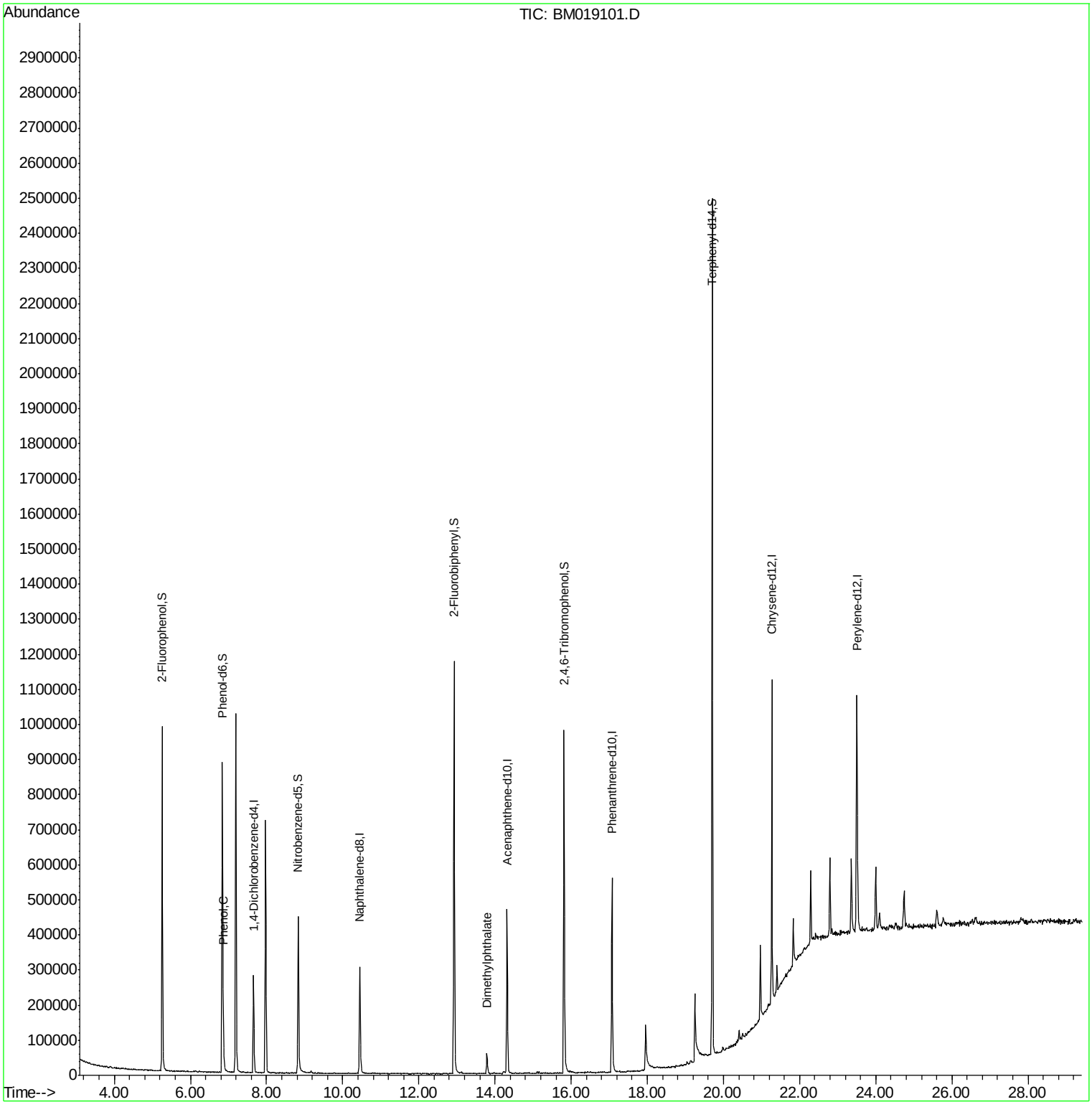
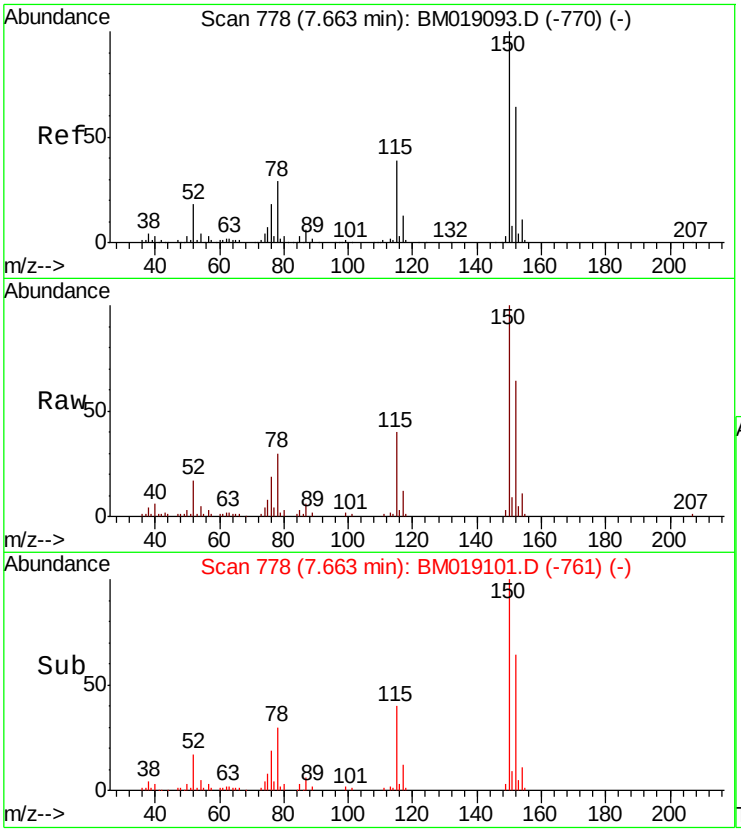


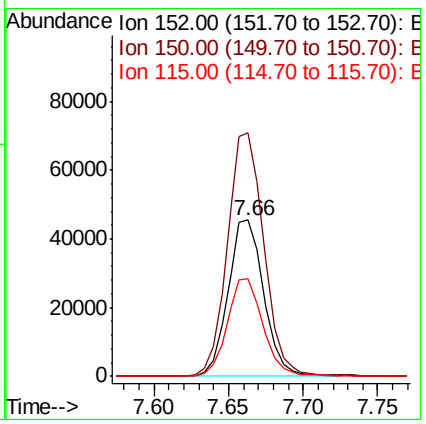


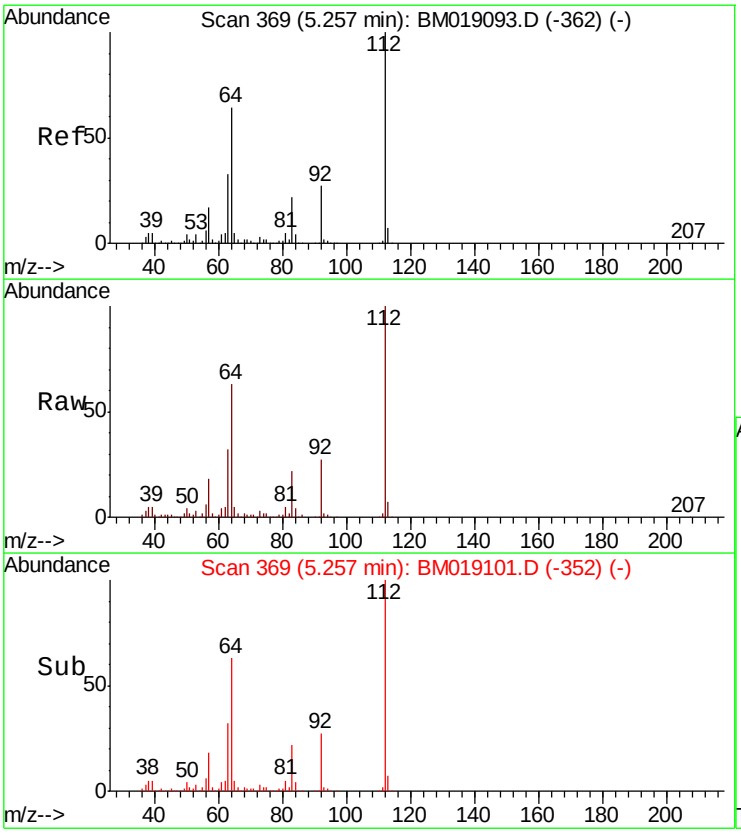
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.66 min Scan# 778
Delta R.T. 0.00 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

Tgt Ion:152 Resp: 75627

Ion	Ratio	Lower	Upper
152	100		
150	156.1	125.3	187.9
115	62.9	49.4	74.0

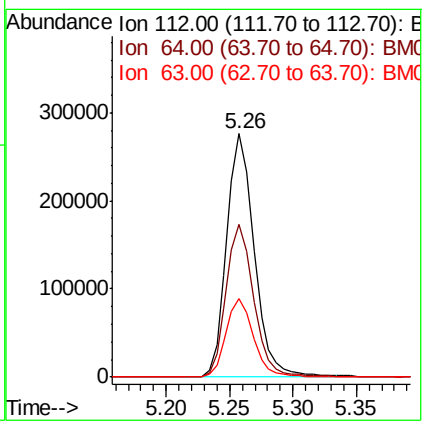


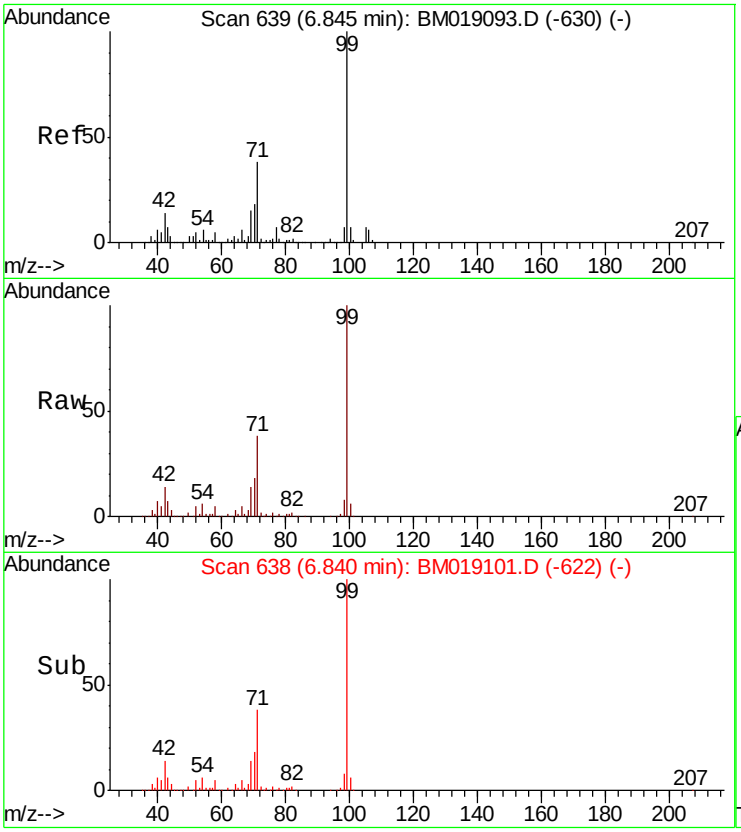


#5
2-Fluorophenol
Concen: 89.261 ng
RT: 5.26 min Scan# 369
Delta R.T. 0.00 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Tgt Ion:112 Resp: 416835

Ion	Ratio	Lower	Upper
112	100		
64	63.0	51.4	77.0
63	32.0	26.6	40.0



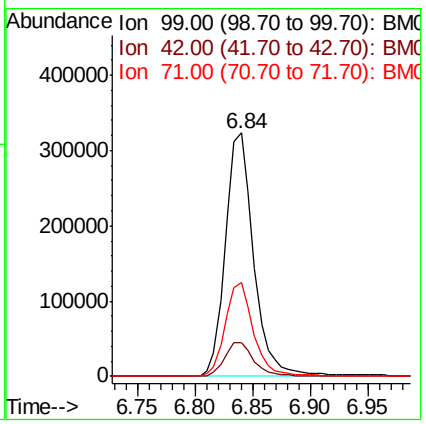


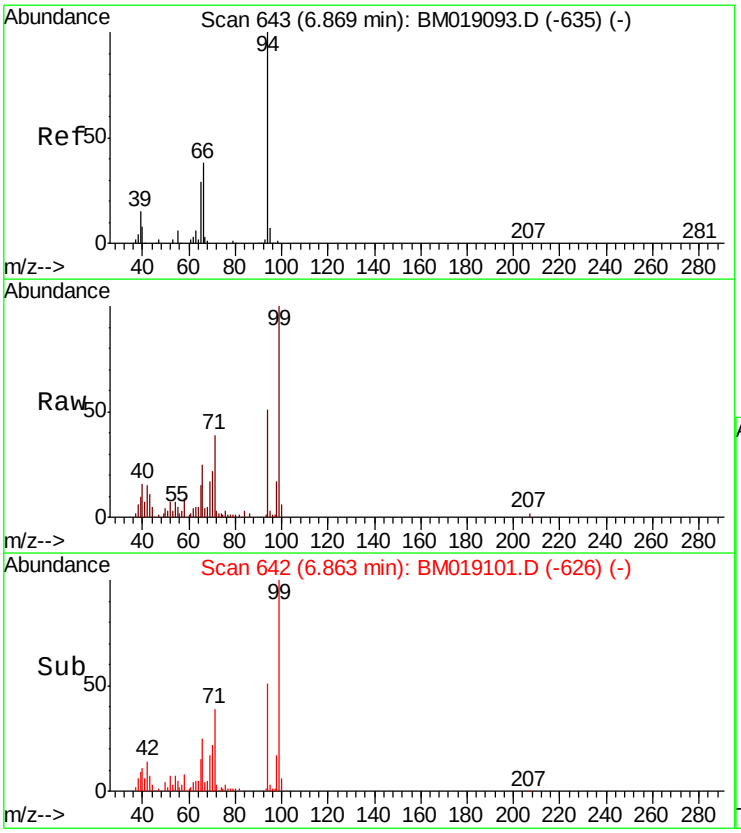
#7
Phenol-d6
Concen: 80.358 ng
RT: 6.84 min Scan# 638
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

Tgt Ion: 99 Resp: 548893

Ion	Ratio	Lower	Upper
99	100		
42	13.9	10.9	16.3
71	38.4	30.3	45.5

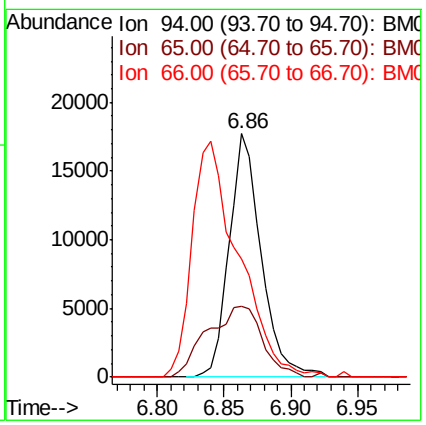


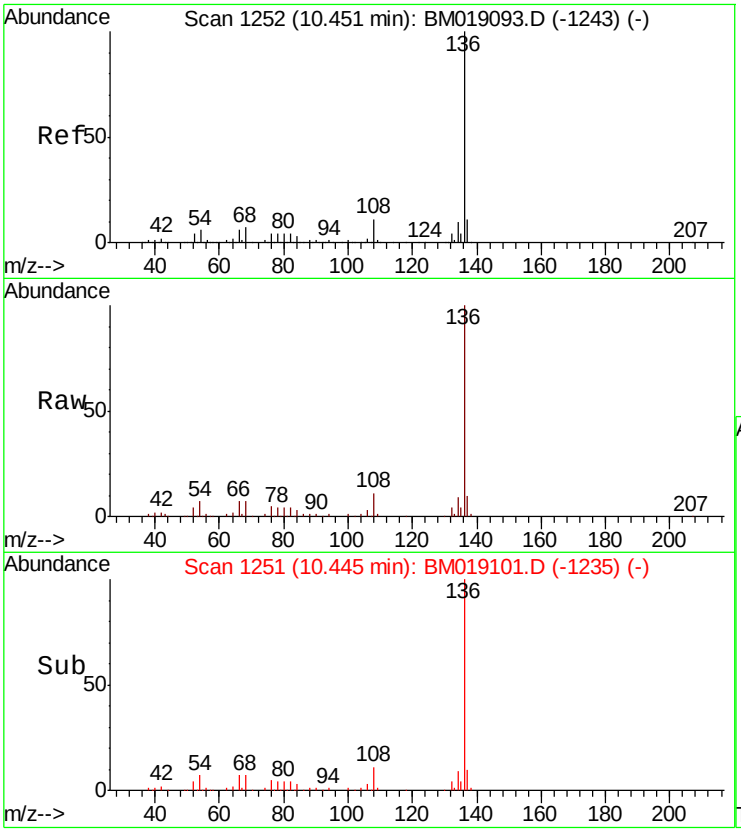


#10
Phenol
Concen: 4.034 ng
RT: 6.86 min Scan# 642
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Tgt Ion: 94 Resp: 29698

Ion	Ratio	Lower	Upper
94	100		
65	29.1	9.7	49.7
66	48.4	19.2	59.2



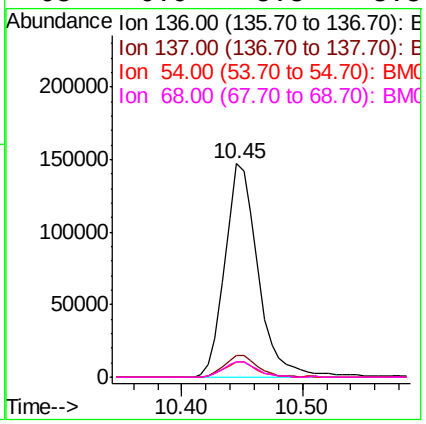


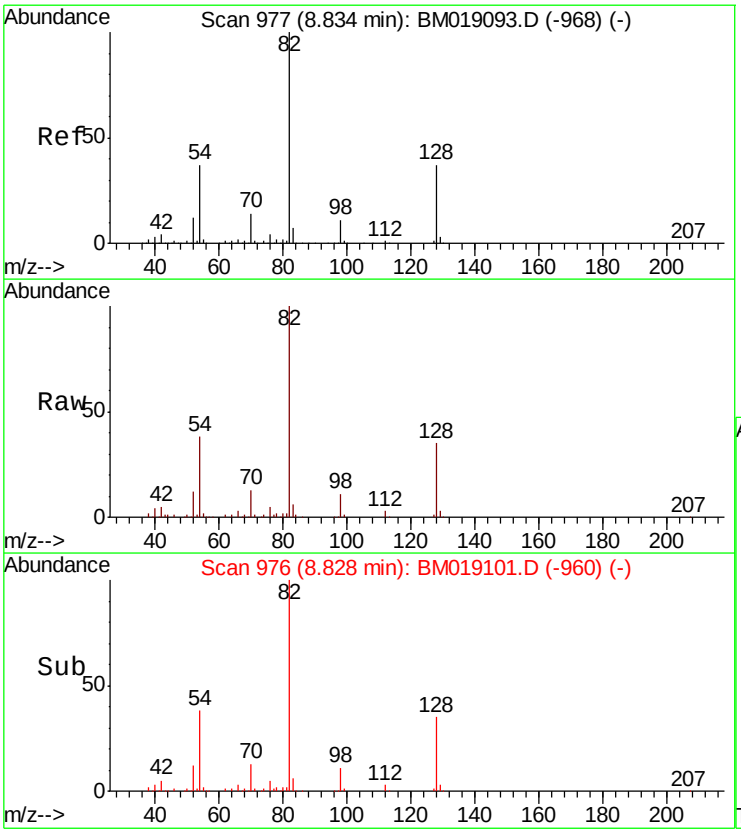
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.45 min Scan# 1251
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

Tgt Ion:136 Resp: 281538

Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	7.1	5.2	7.8
68	6.9	5.8	8.8

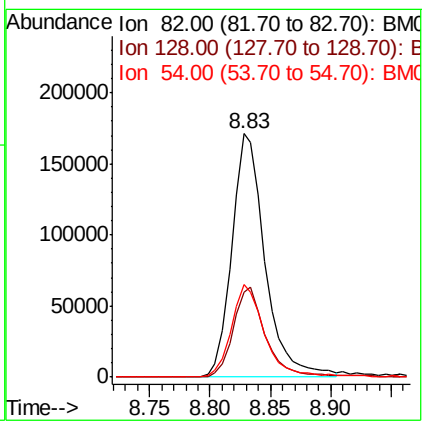


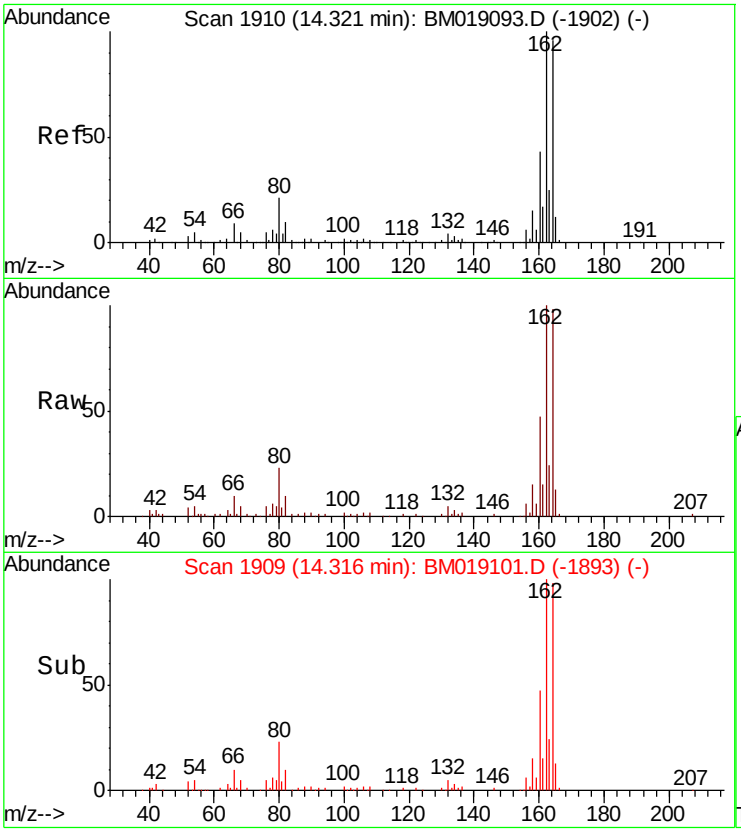


#23
Nitrobenzene-d5
Concen: 55.088 ng
RT: 8.83 min Scan# 976
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Tgt Ion: 82 Resp: 328103

Ion	Ratio	Lower	Upper
82	100		
128	35.1	29.4	44.2
54	37.9	29.9	44.9



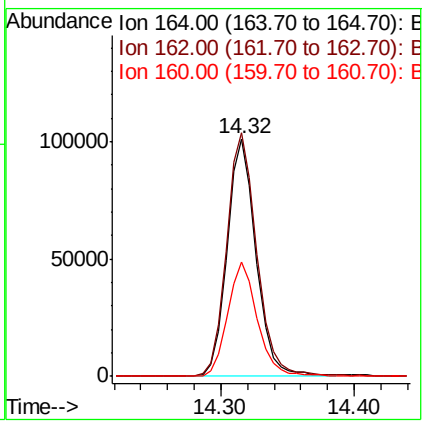


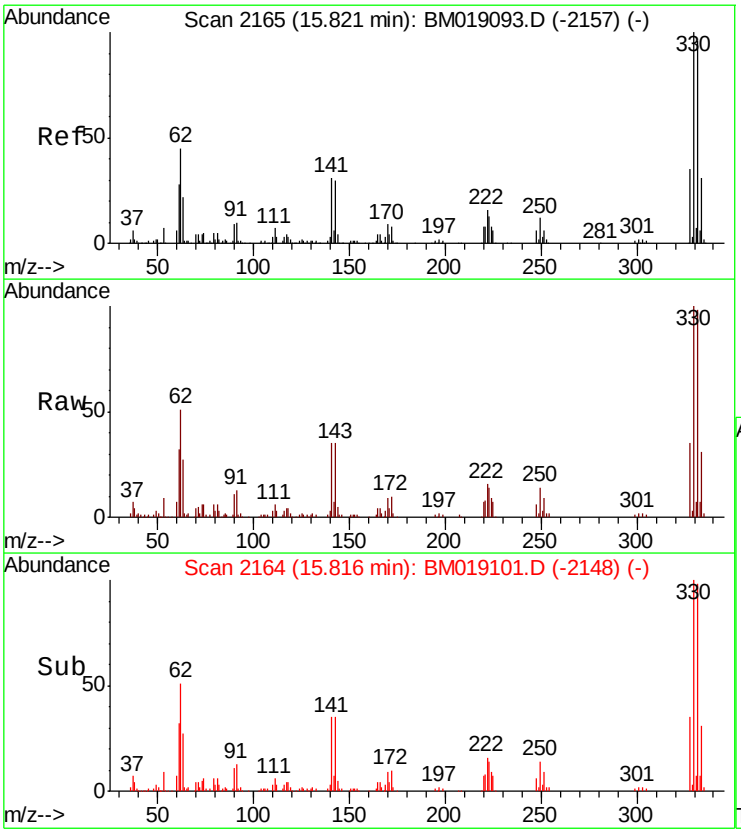
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1909
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

Tgt Ion:164 Resp: 153095

Ion	Ratio	Lower	Upper
164	100		
162	102.5	83.5	125.3
160	48.0	36.3	54.5

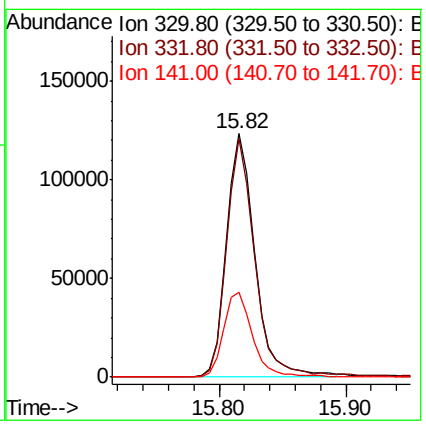


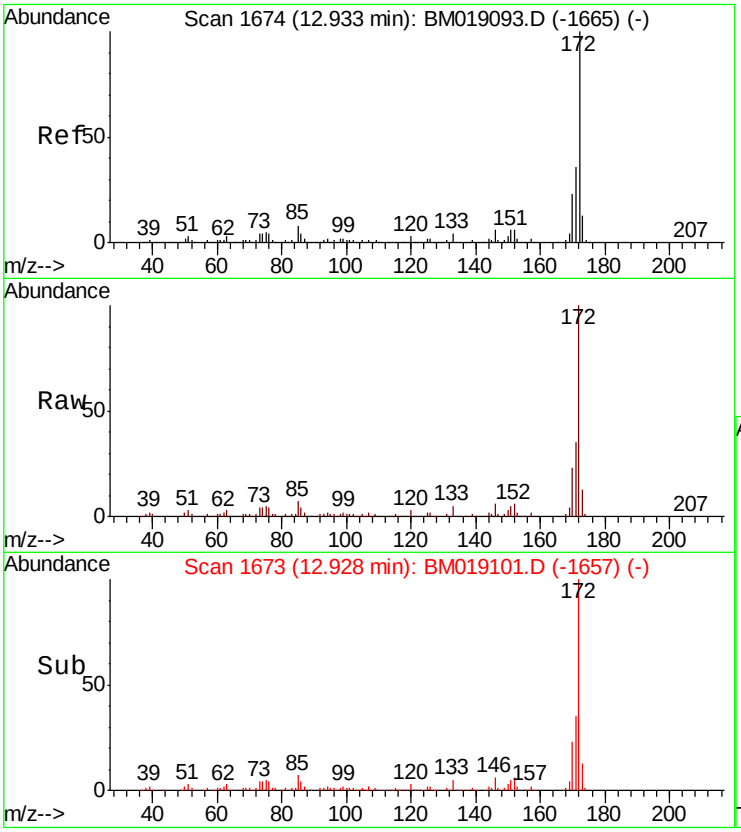


#42
2,4,6-Tribromophenol
Concen: 84.634 ng
RT: 15.82 min Scan# 2164
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Tgt Ion:330 Resp: 191306

Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.8	115.2
141	35.4	27.0	40.4



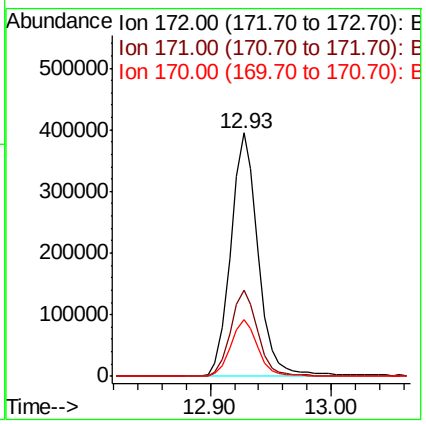


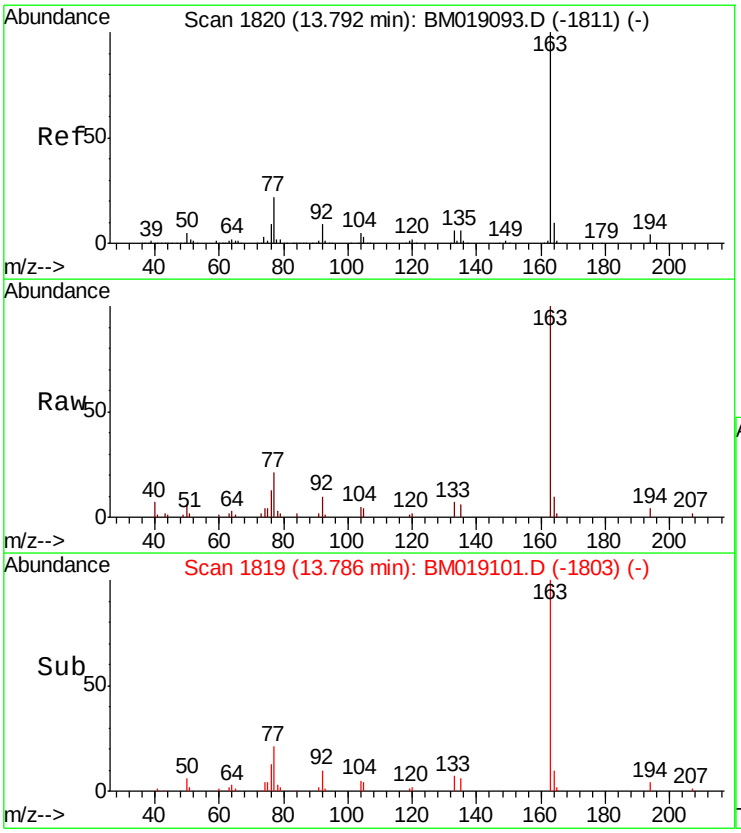
#45
2-Fluorobiphenyl
Concen: 52.913 ng
RT: 12.93 min Scan# 1673
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

Tgt Ion:172 Resp: 622771

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	42.8
170	23.3	18.6	28.0

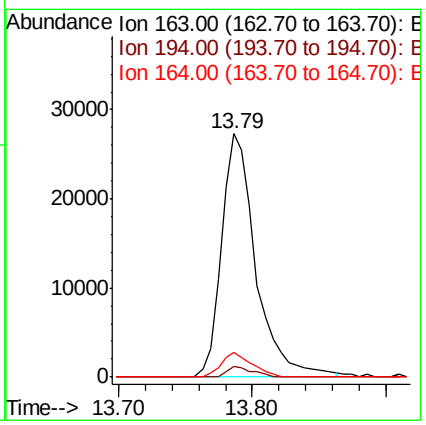


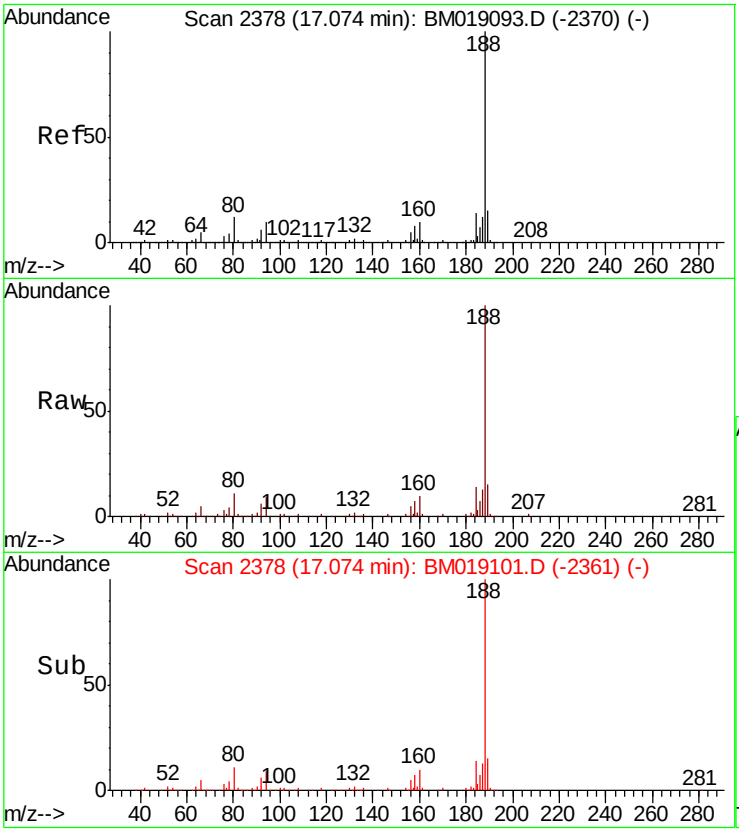


#50
Dimethylphthalate
Concen: 3.742 ng
RT: 13.79 min Scan# 1819
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Tgt Ion:163 Resp: 49003

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.3	4.9
164	9.9	7.7	11.5



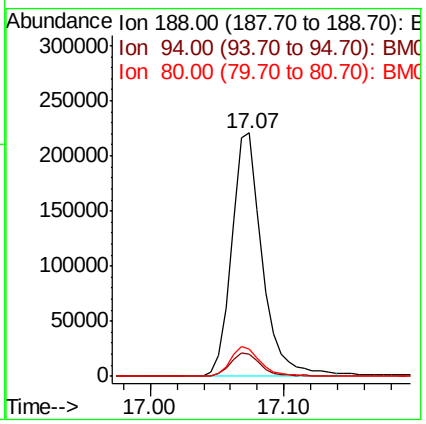


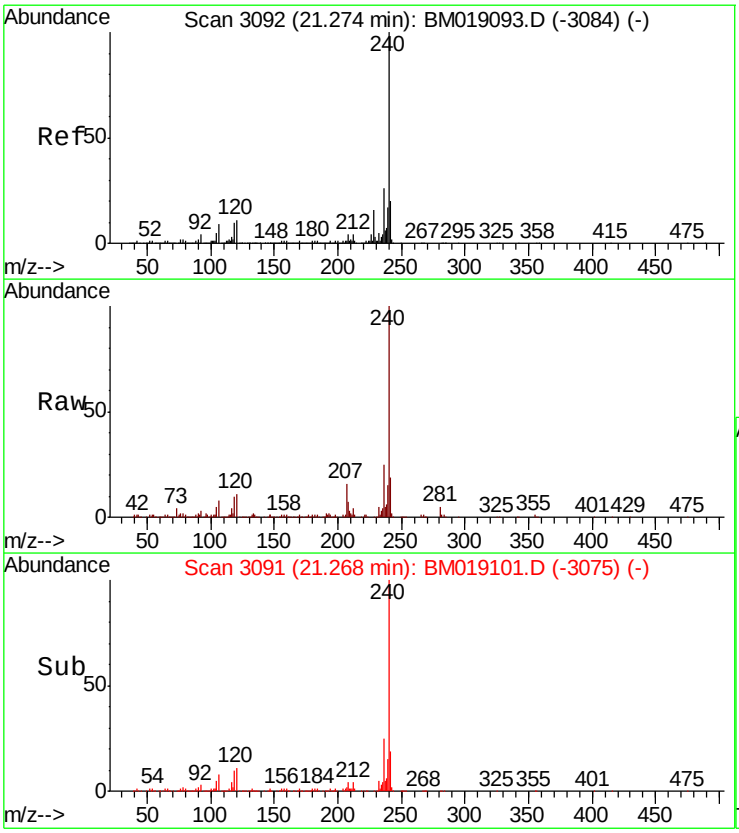
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.07 min Scan# 2378
Delta R.T. 0.00 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

Tgt Ion:188 Resp: 351458

Ion	Ratio	Lower	Upper
188	100		
94	9.3	8.1	12.1
80	11.5	9.7	14.5

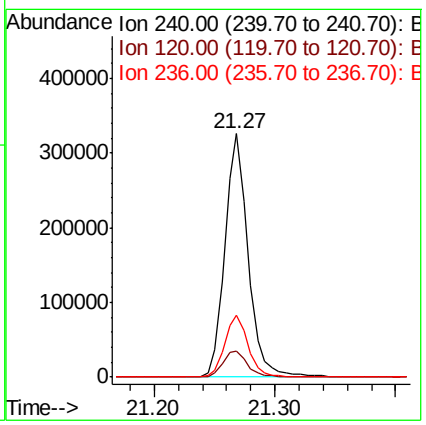


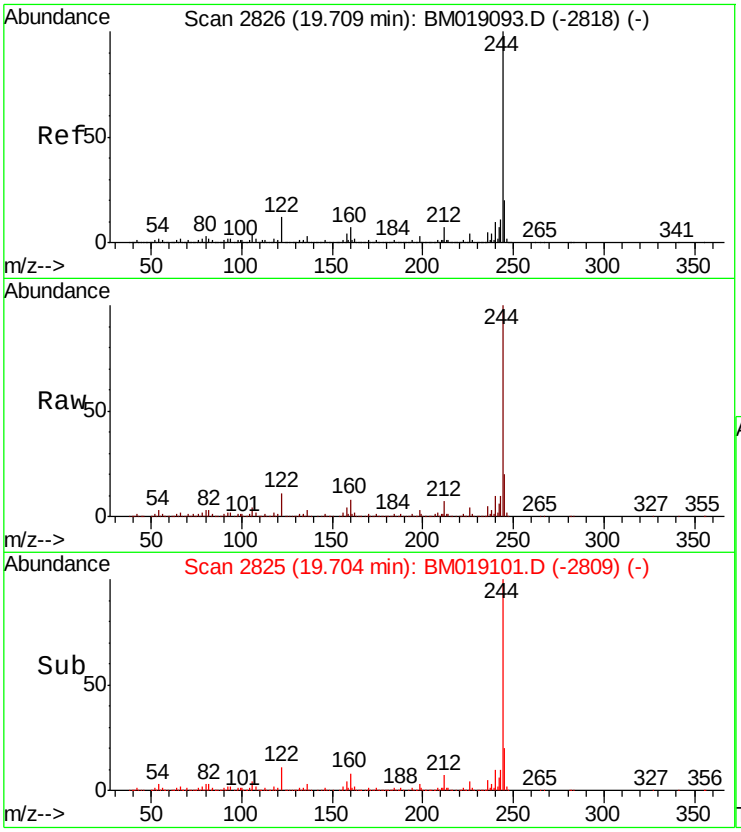


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3091
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Tgt Ion:240 Resp: 434632

Ion	Ratio	Lower	Upper
240	100		
120	10.6	8.9	13.3
236	25.2	21.0	31.4



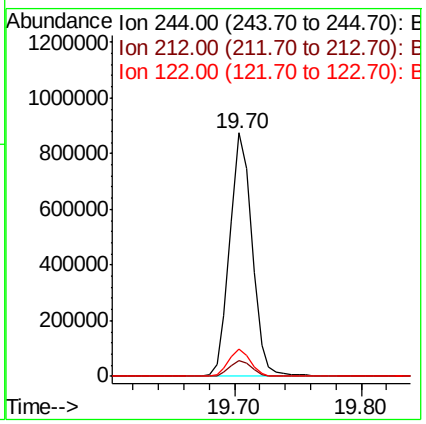


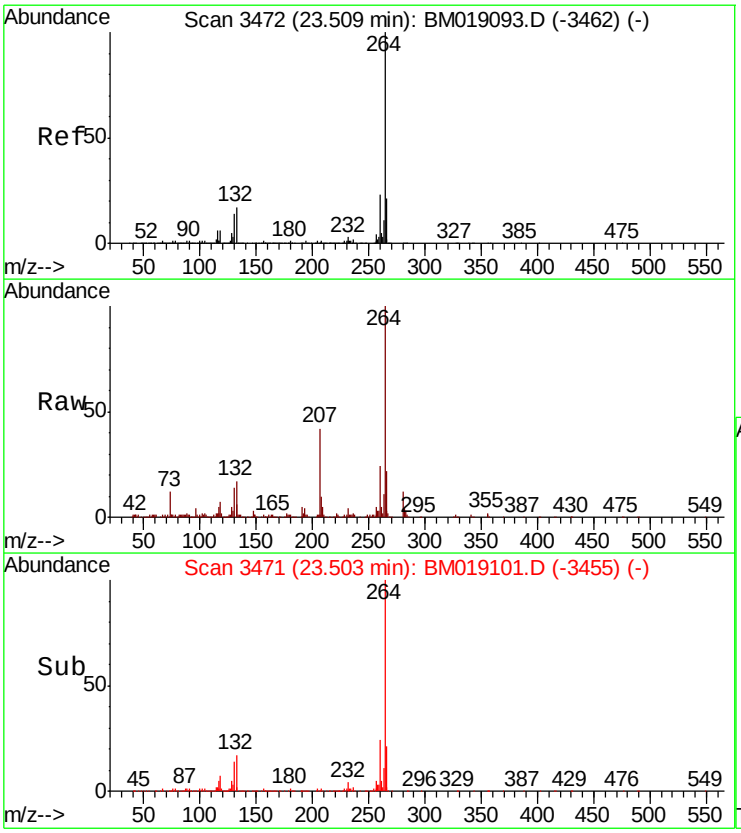
#79
Terphenyl-d14
Concen: 48.777 ng
RT: 19.70 min Scan# 2825
Delta R.T. -0.01 min
Lab File: BM019101.D
Acq: 11 Mar 2019 20:01

Instrument :
BNA_M
ClientSampleId :
PST-028-SW011-030619

Tgt Ion:244 Resp: 1067896

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.4	8.2
122	11.0	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: BM019101.D
Acq: 11 Mar 2019 20:01

Tgt Ion:264 Resp: 507356

Ion	Ratio	Lower	Upper
264	100		
260	24.5	18.6	28.0
265	22.3	17.3	25.9