Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM030819\
Data File : BM019079.D
Acq On : 08 Mar 2019 18:29
Operator : JU/SJ
Sample : K1807-31
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-13

Quant Time: Mar 09 01:28:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 03:36:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	112967	20.00	ng	-0.01
21) Naphthalene-d8	10.46	136	403359	20.00	ng	-0.01
39) Acenaphthene-d10	14.32	164	199603	20.00	ng	-0.01
64) Phenanthrene-d10	17.08	188	399335	20.00	ng	0.00
76) Chrysene-d12	21.27	240	423812	20.00	ng	-0.01
87) Perylene-d12	23.51	264	521222	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.26	112	688900	99.92	ng	-0.01
7) Phenol-d6	6.85	99	924921	95.23	ng	-0.01
23) Nitrobenzene-d5	8.84	82	565057	64.77	ng	-0.01
42) 2,4,6-Tribromophenol	15.82	330	254106	88.32	ng	-0.01
45) 2-Fluorobiphenyl	12.93	172	860720	57.24	ng	-0.02
79) Terphenyl-d14	19.71	244	1106050	53.84	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.87	94	20782	2.033	ng	88
50) Dimethylphthalate	13.79	163	74326	4.468	ng	99

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

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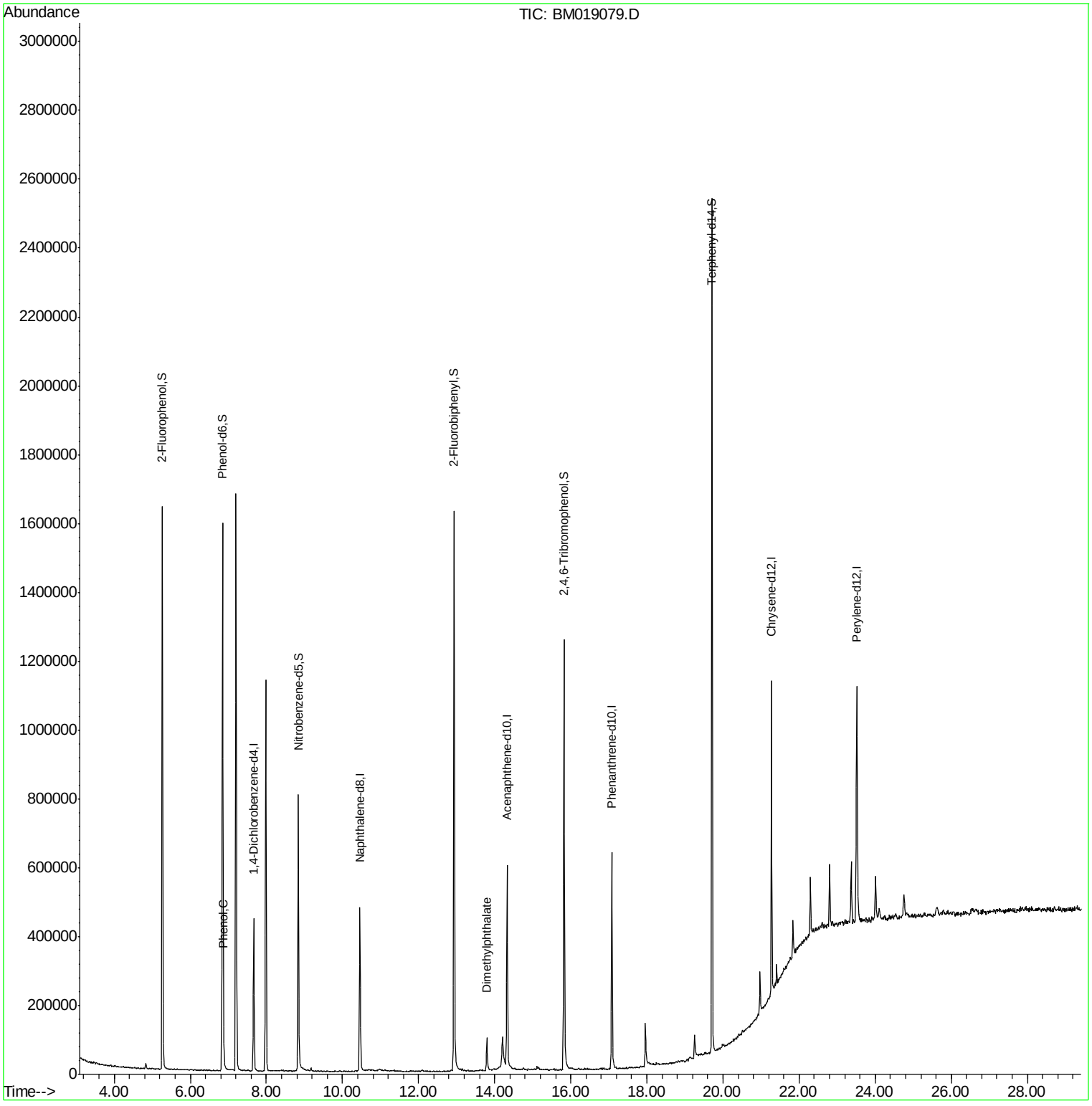
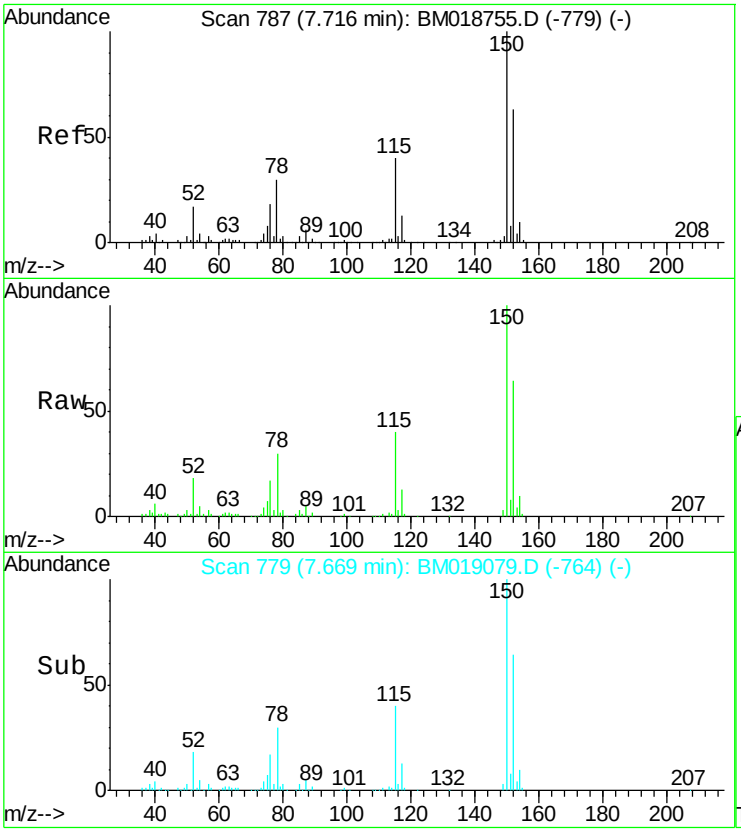


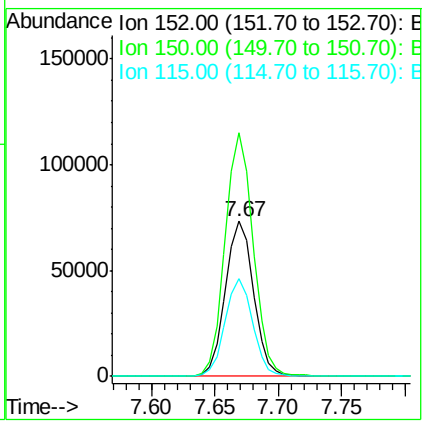


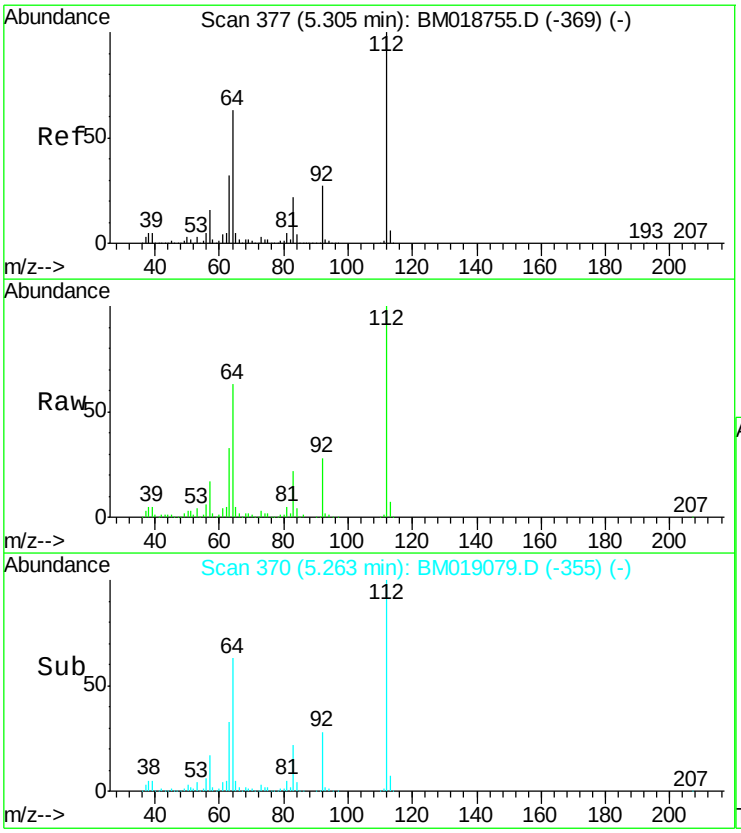
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.67 min Scan# 779
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
TP-13

Tgt Ion:152 Resp: 112967

Ion	Ratio	Lower	Upper
152	100		
150	157.1	127.3	190.9
115	63.2	50.8	76.2

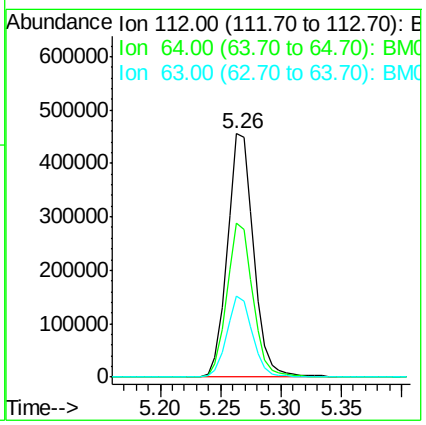


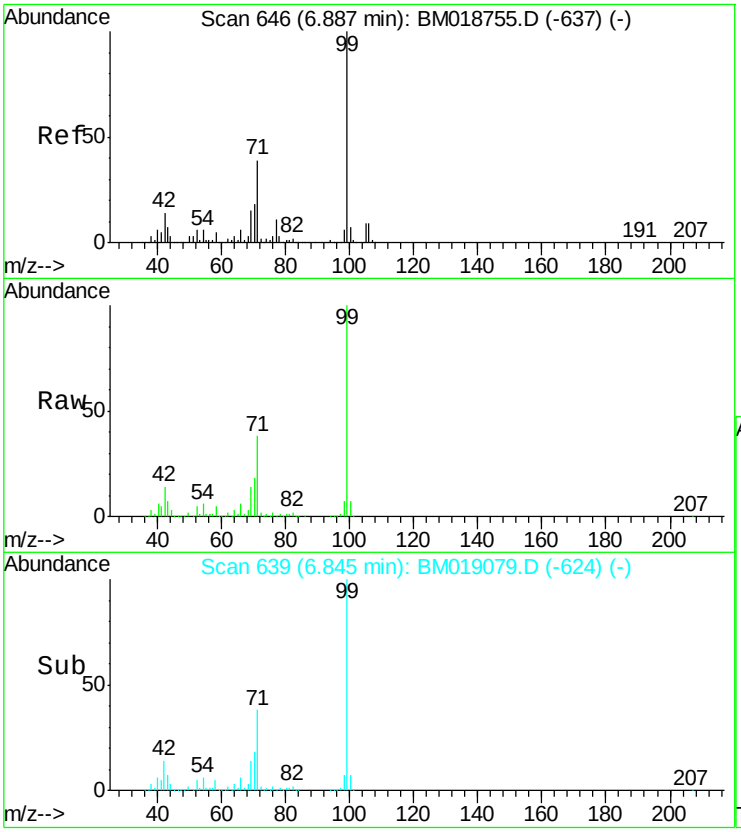


#5
2-Fluorophenol
Concen: 99.918 ng
RT: 5.26 min Scan# 370
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion:112 Resp: 688900

Ion	Ratio	Lower	Upper
112	100		
64	63.2	50.6	75.8
63	33.1	25.7	38.5



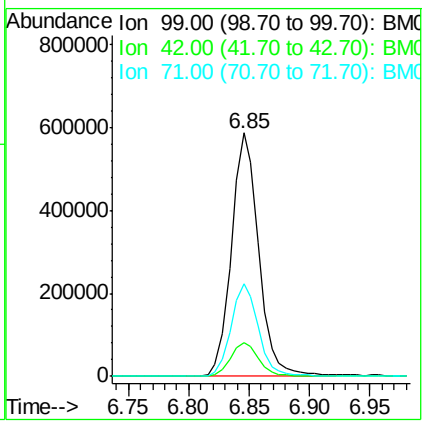


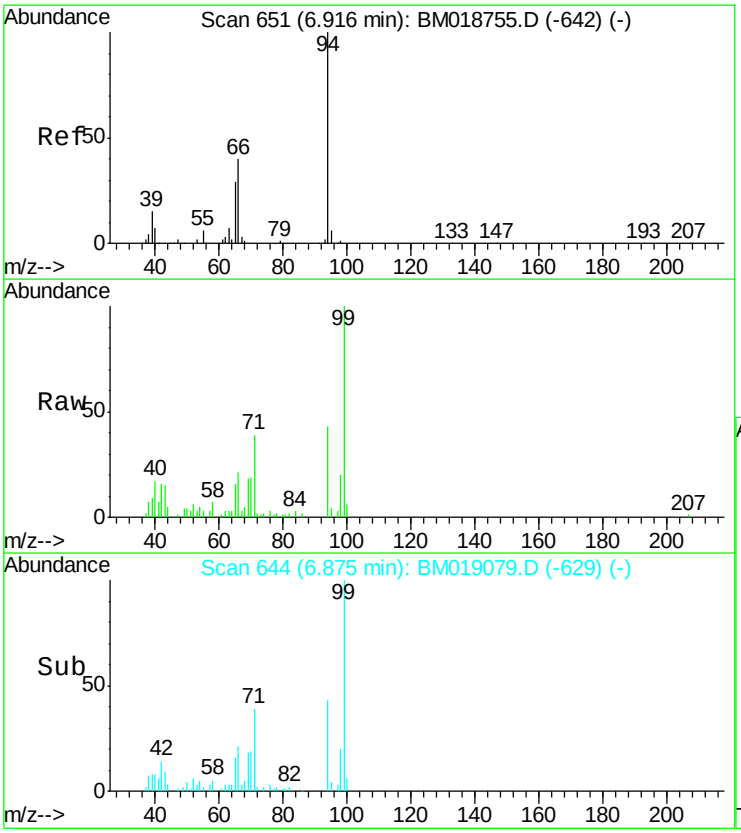
#7
Phenol-d6
Concen: 95.226 ng
RT: 6.85 min Scan# 639
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
TP-13

Tgt Ion: 99 Resp: 924921

Ion	Ratio	Lower	Upper
99	100		
42	13.7	11.0	16.6
71	37.8	31.3	46.9

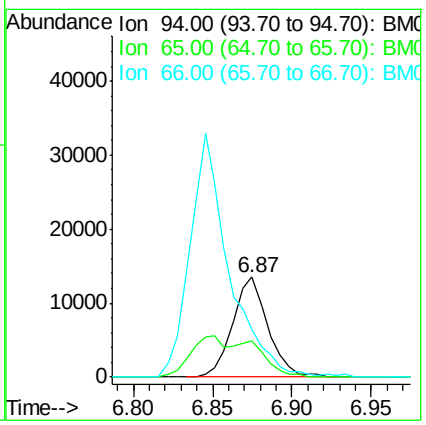


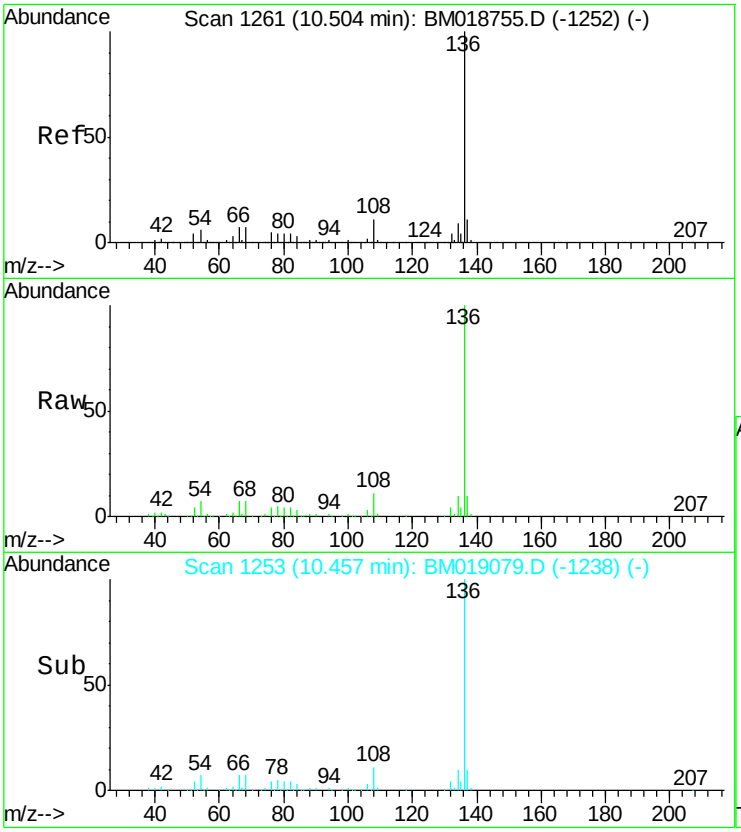


#10
Phenol
Concen: 2.033 ng
RT: 6.87 min Scan# 644
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion: 94 Resp: 20782

Ion	Ratio	Lower	Upper
94	100		
65	36.0	9.6	49.6
66	48.1	20.4	60.4



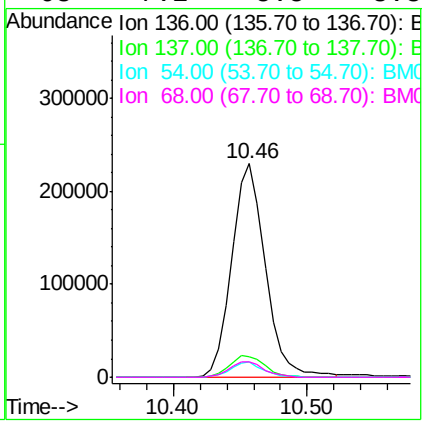


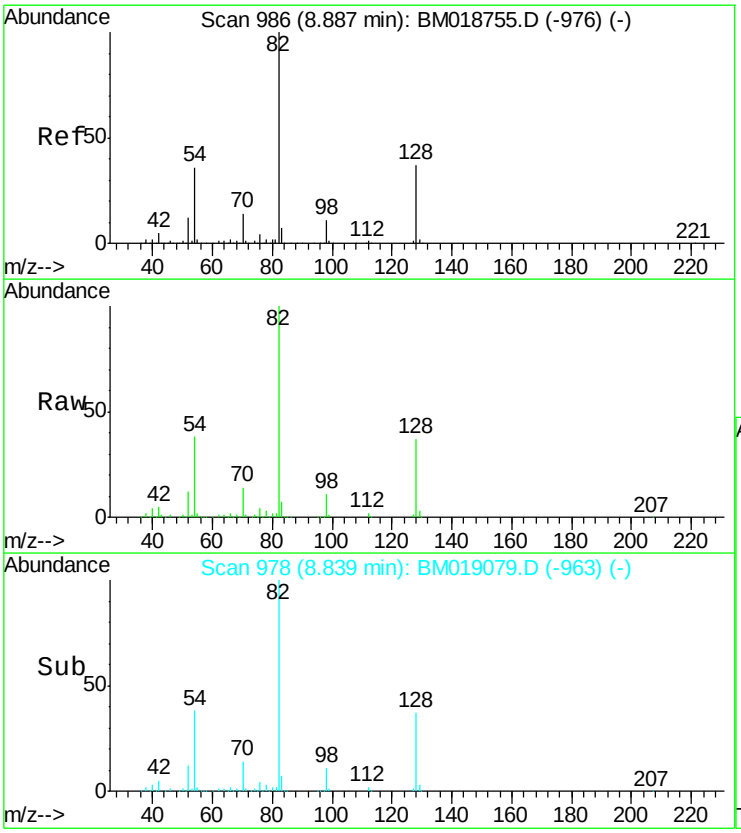
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
TP-13

Tgt Ion:136 Resp: 403359

Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.8	13.2
54	7.0	5.0	7.6
68	7.2	5.5	8.3

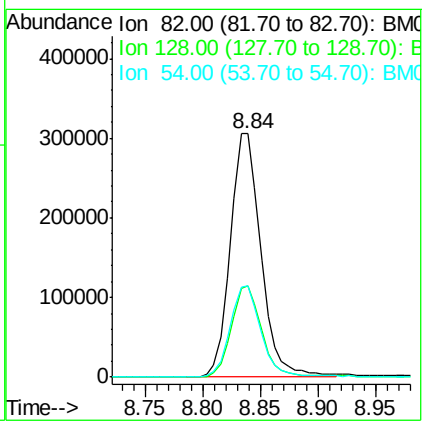


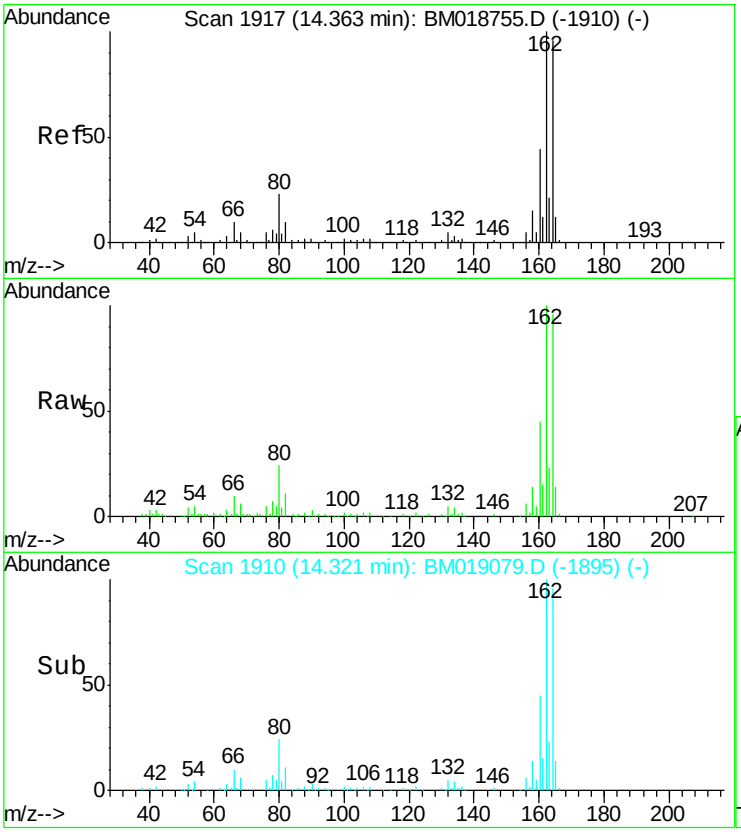


#23
Nitrobenzene-d5
Concen: 64.775 ng
RT: 8.84 min Scan# 978
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion: 82 Resp: 565057

Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.9	44.9
54	37.7	29.1	43.7



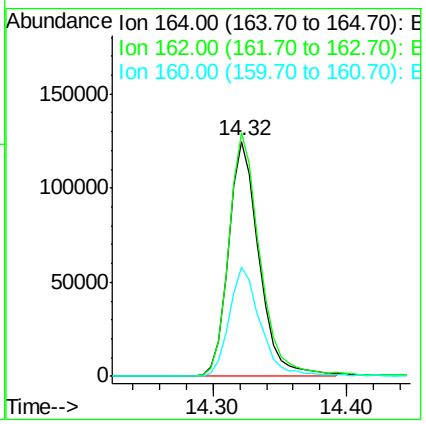


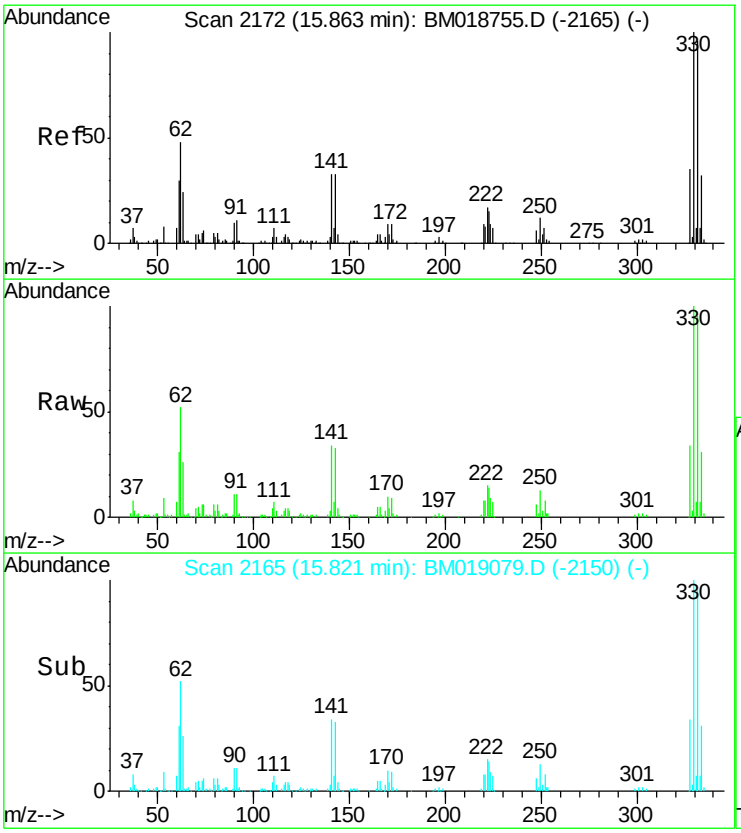
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.32 min Scan# 1910
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
TP-13

Tgt Ion:164 Resp: 199603

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.4	125.0
160	46.6	36.6	55.0

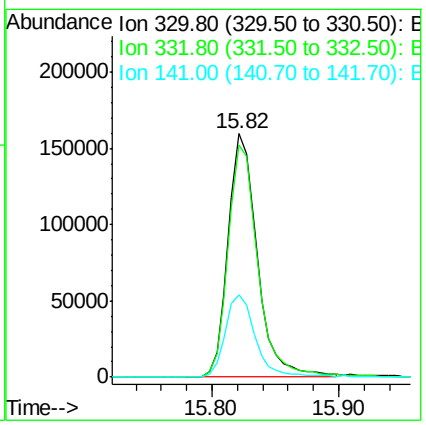


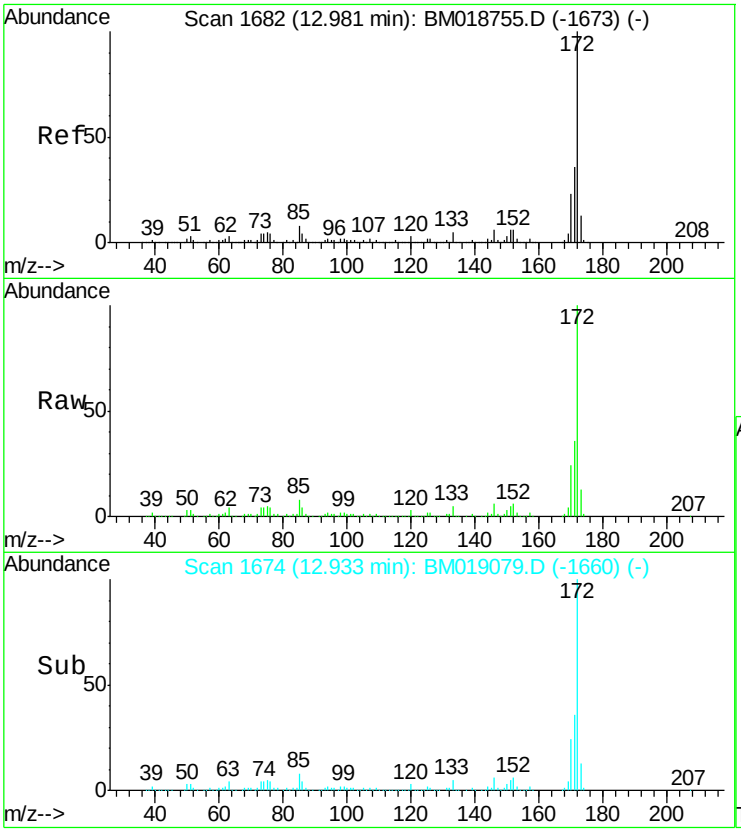


#42
2,4,6-Tribromophenol
Concen: 88.316 ng
RT: 15.82 min Scan# 2165
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion:330 Resp: 254106

Ion	Ratio	Lower	Upper
330	100		
332	96.6	76.9	115.3
141	34.6	28.7	43.1



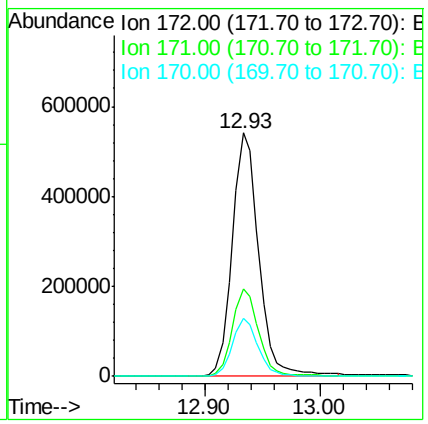


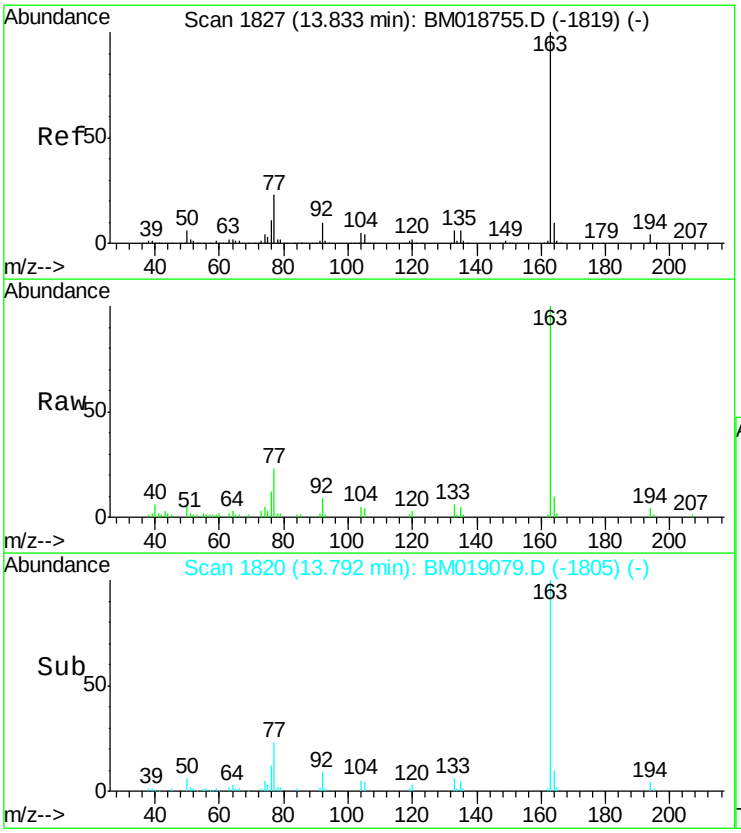
#45
2-Fluorobiphenyl
Concen: 57.243 ng
RT: 12.93 min Scan# 1674
Delta R.T. -0.02 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
TP-13

Tgt Ion:172 Resp: 860720

Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.0	43.6
170	23.7	18.6	28.0

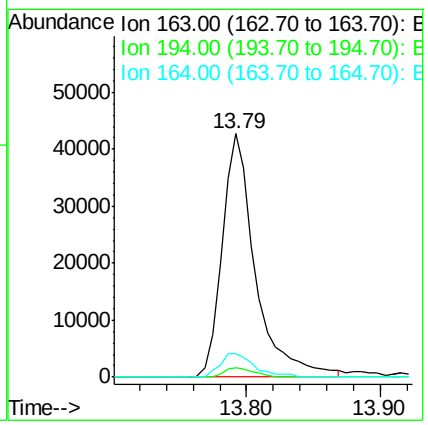


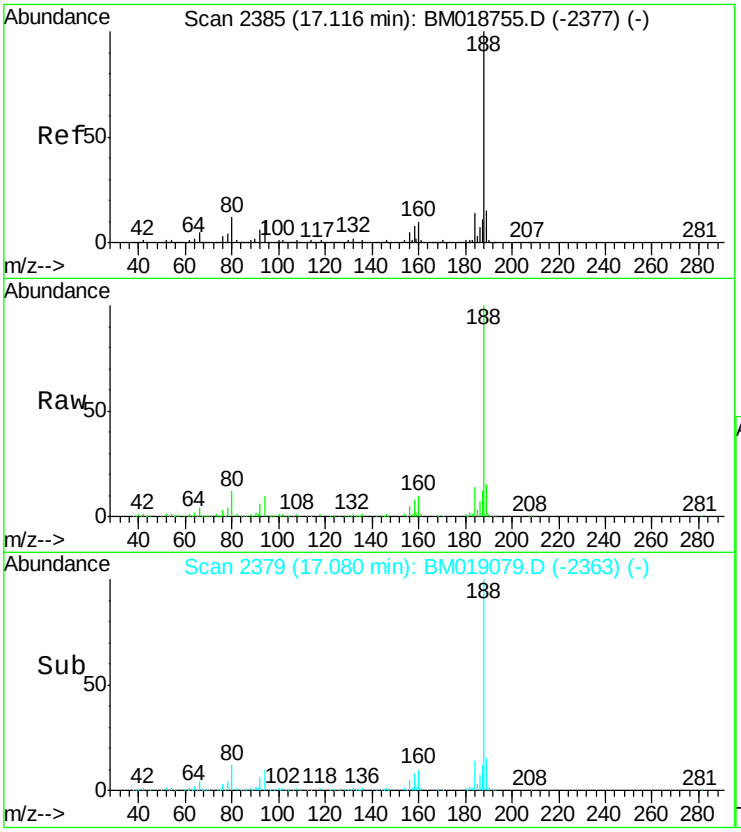


#50
Dimethylphthalate
Concen: 4.468 ng
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion:163 Resp: 74326

Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.2	4.8
164	9.6	7.8	11.8



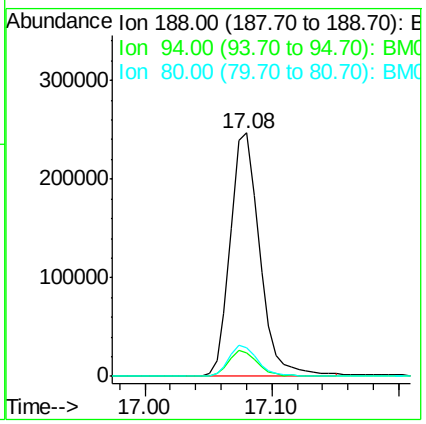


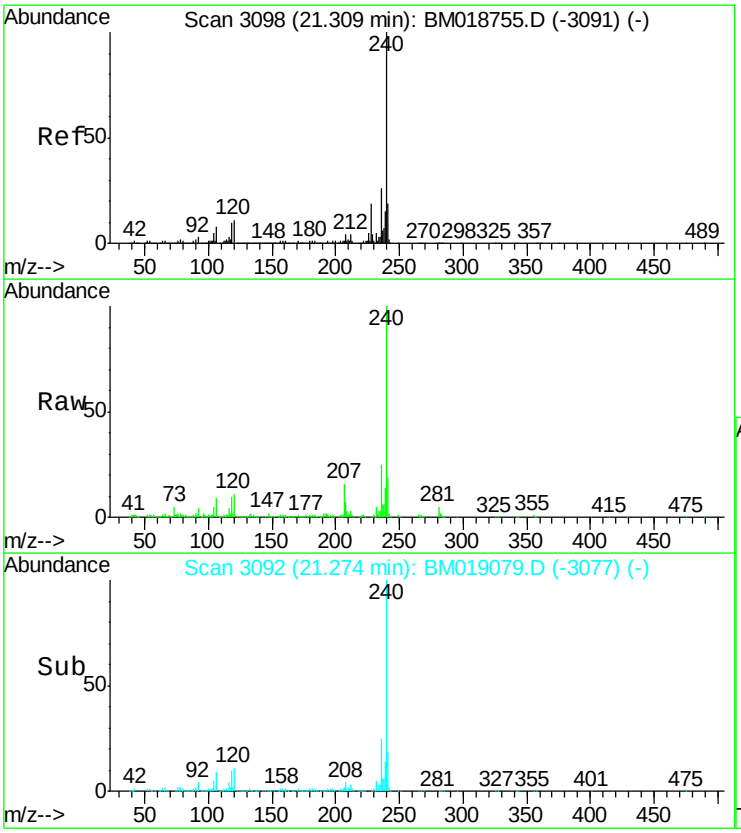
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.08 min Scan# 2379
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
TP-13

Tgt Ion:188 Resp: 399335

Ion	Ratio	Lower	Upper
188	100		
94	9.8	8.2	12.2
80	12.0	9.7	14.5

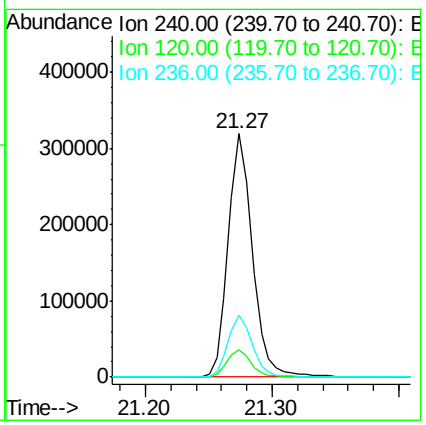


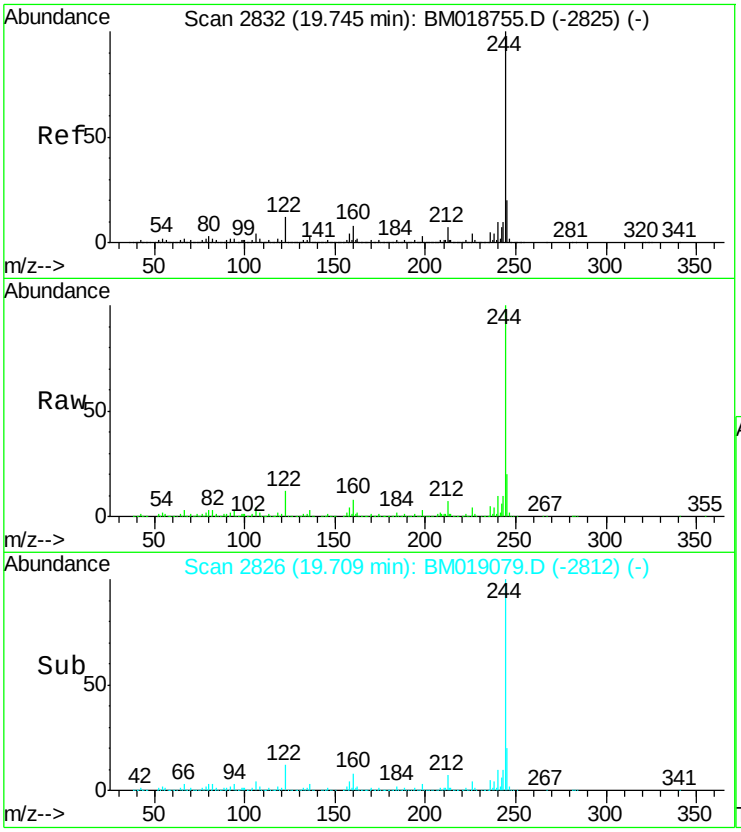


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.27 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion:240 Resp: 423812

Ion	Ratio	Lower	Upper
240	100		
120	11.2	8.9	13.3
236	25.3	20.9	31.3



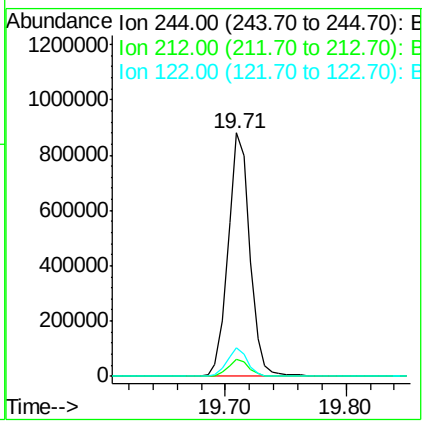


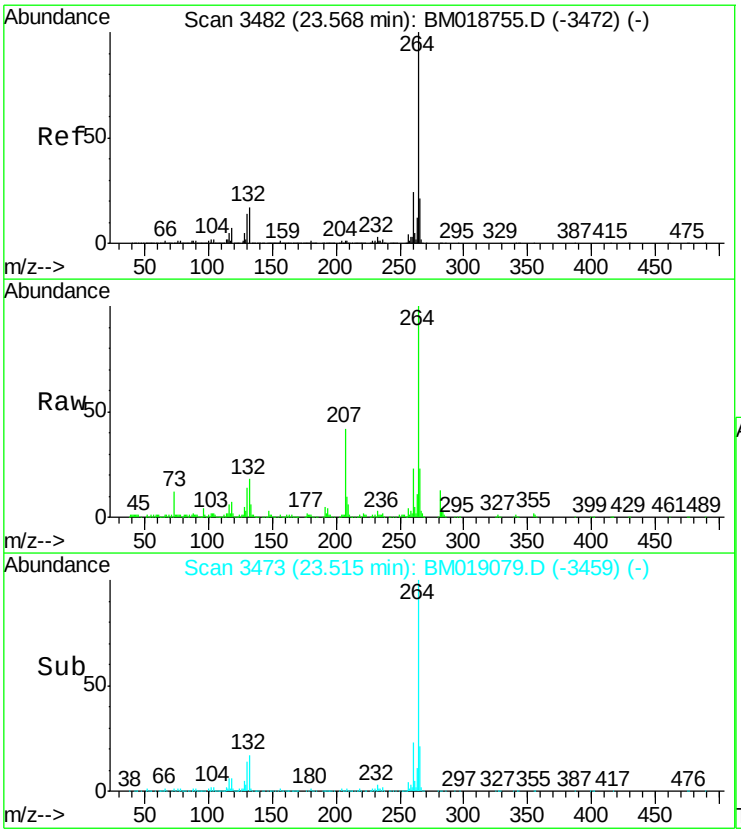
#79
Terphenyl-d14
Concen: 53.837 ng
RT: 19.71 min Scan# 2826
Delta R.T. -0.02 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Instrument :
BNA_M
ClientSampleId :
TP-13

Tgt Ion:244 Resp: 1106050

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.6	8.4
122	11.7	9.3	13.9





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.51 min Scan# 3473
Delta R.T. -0.02 min
Lab File: BM019079.D
Acq: 08 Mar 2019 18:29

Tgt Ion:264 Resp: 521222

Ion	Ratio	Lower	Upper
264	100		
260	22.5	18.9	28.3
265	22.6	17.3	25.9