Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM041919\
Data File : BM019985.D
Acq On : 19 Apr 2019 23:22
Operator : JU/SJ
Sample : K2482-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AU-041819

Quant Time: Apr 20 01:09:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM041519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 19 00:56:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	127313	20.00	ng	0.00
21) Naphthalene-d8	10.29	136	519417	20.00	ng	0.00
39) Acenaphthene-d10	14.17	164	305257	20.00	ng	0.00
64) Phenanthrene-d10	16.94	188	692248	20.00	ng	0.00
76) Chrysene-d12	21.16	240	688473	20.00	ng	0.00
87) Perylene-d12	23.34	264	724295	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.12	112	552784	70.37	ng	0.00
7) Phenol-d6	6.70	99	478892	40.51	ng	0.00
23) Nitrobenzene-d5	8.68	82	1068191	91.97	ng	0.00
42) 2,4,6-Tribromophenol	15.69	330	618486	125.87	ng	0.00
45) 2-Fluorobiphenyl	12.78	172	2210759	90.26	ng	0.00
79) Terphenyl-d14	19.59	244	3903796	100.01	ng	0.00
Target Compounds						Qvalue
10) Phenol	6.73	94	50729	3.927	ng	85
32) Benzoic acid	9.65	122	20466	7.754	ng	96
50) Dimethylphthalate	13.65	163	82260	3.055	ng	99

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

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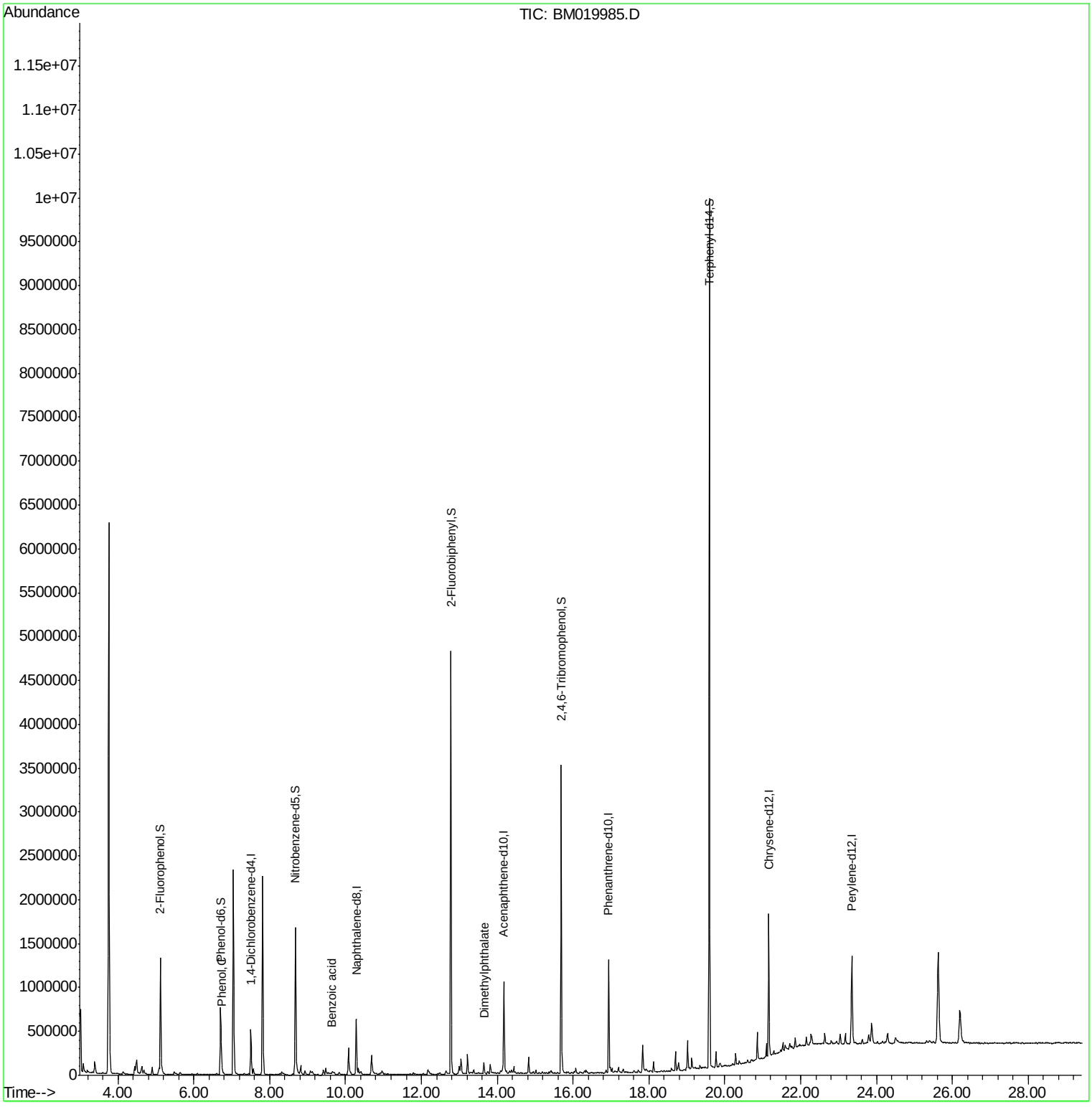
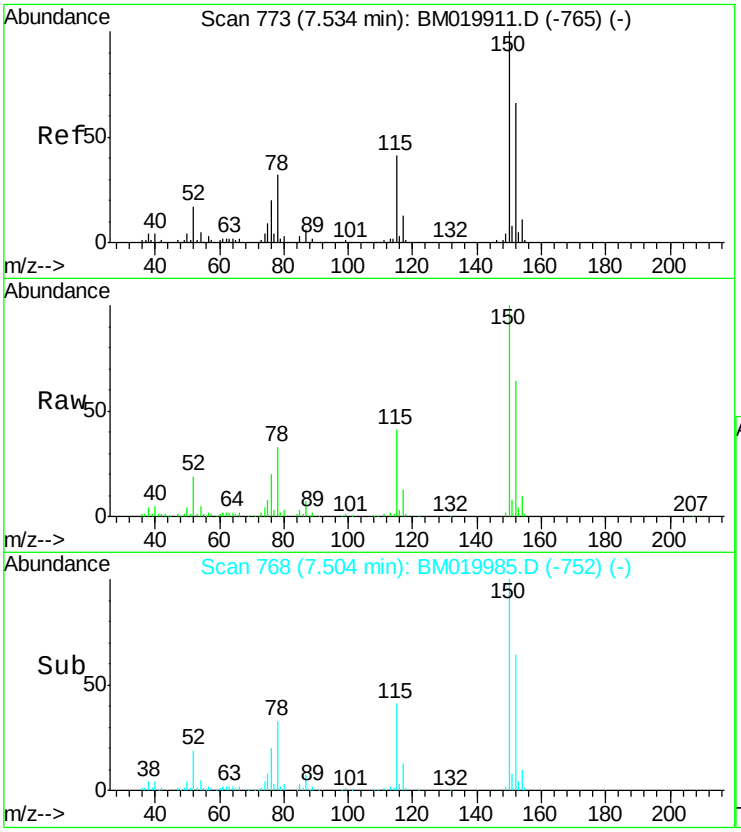


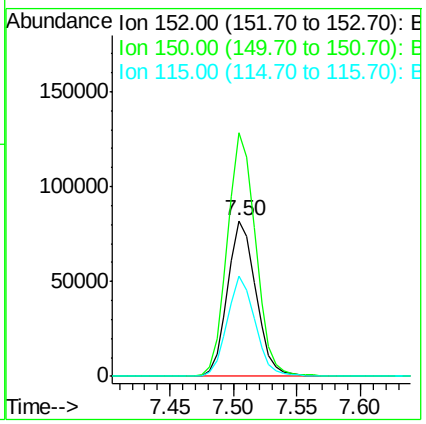


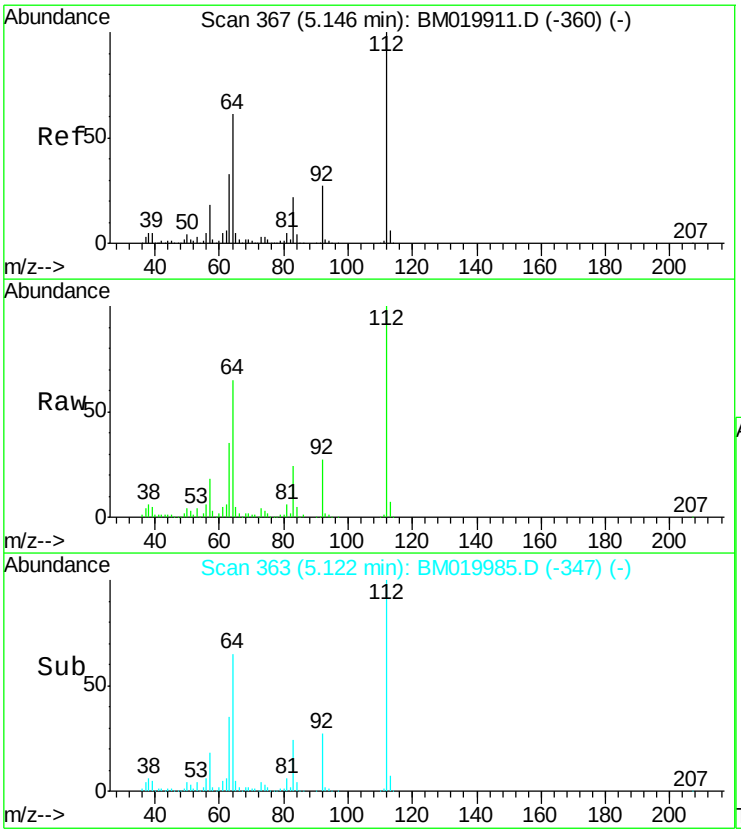
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 768
Delta R.T. -0.01 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Instrument :
BNA_M
ClientSampleId :
AU-041819

Tgt Ion:152 Resp: 127313

Ion	Ratio	Lower	Upper
152	100		
150	156.2	122.1	183.1
115	64.7	50.0	75.0

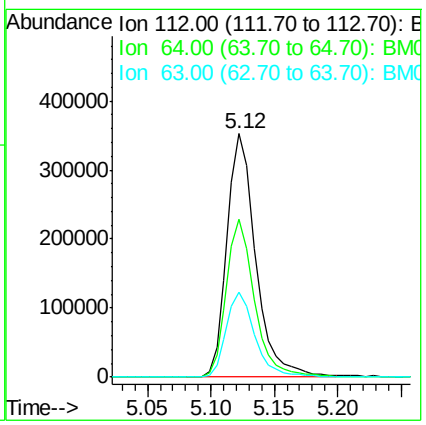


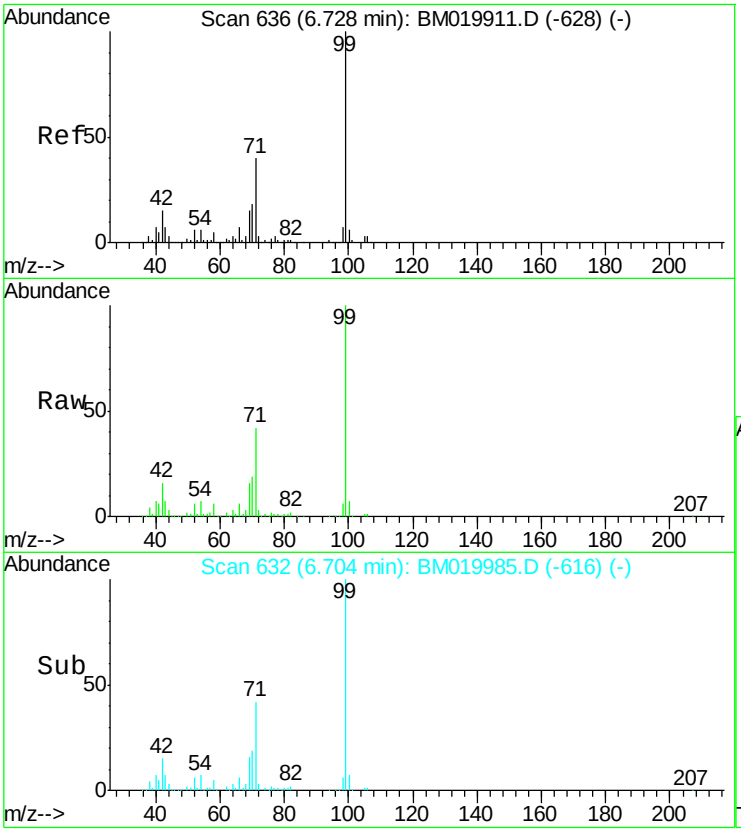


#5
2-Fluorophenol
Concen: 70.367 ng
RT: 5.12 min Scan# 363
Delta R.T. -0.01 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Tgt Ion:112 Resp: 552784

Ion	Ratio	Lower	Upper
112	100		
64	64.8	49.1	73.7
63	34.7	26.5	39.7



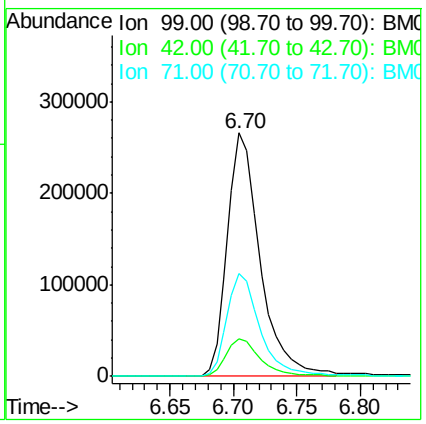


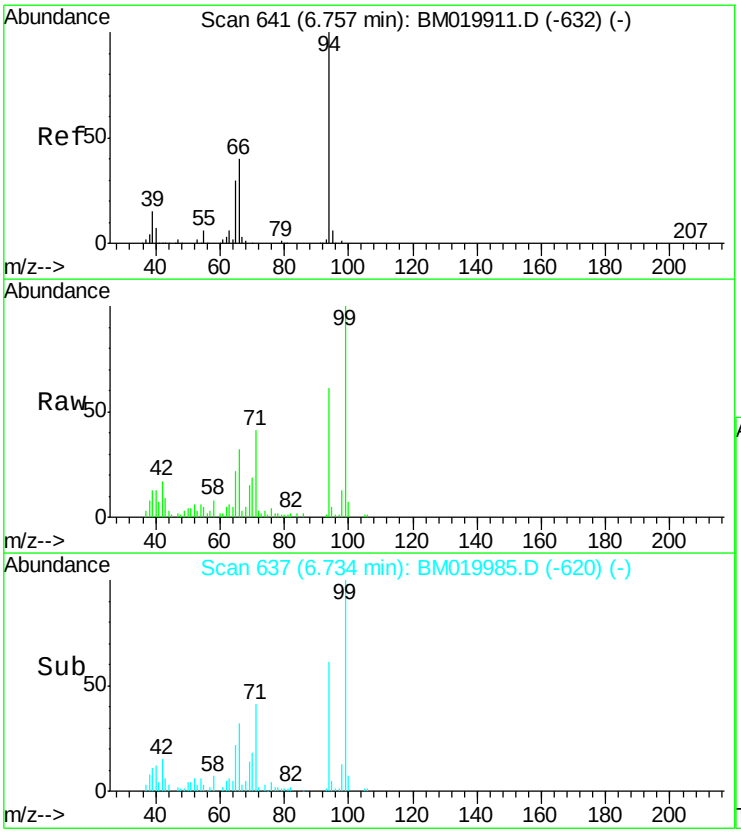
#7
Phenol-d6
Concen: 40.506 ng
RT: 6.70 min Scan# 632
Delta R.T. -0.01 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Instrument :
BNA_M
ClientSampleId :
AU-041819

Tgt Ion: 99 Resp: 478892

Ion	Ratio	Lower	Upper
99	100		
42	15.6	11.8	17.8
71	42.1	32.0	48.0

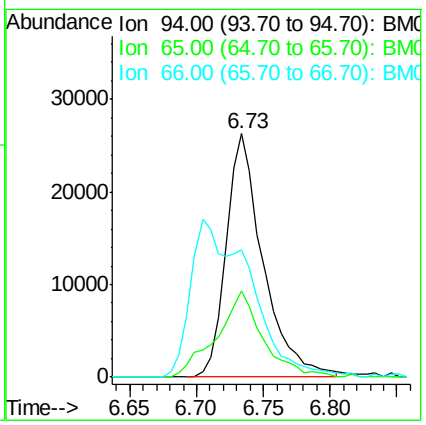


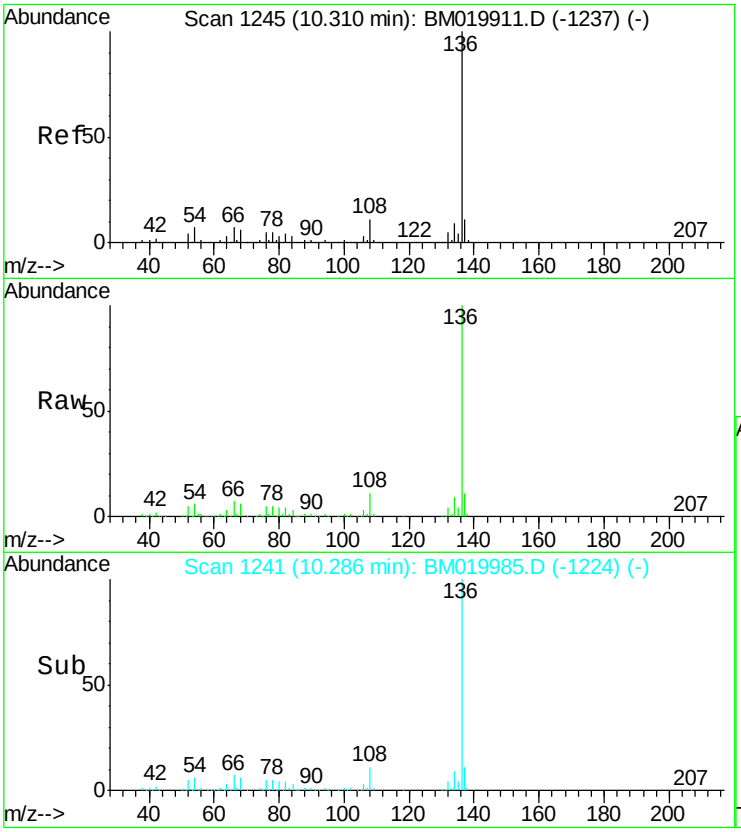


#10
Phenol
Concen: 3.927 ng
RT: 6.73 min Scan# 637
Delta R.T. 0.00 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Tgt Ion: 94 Resp: 50729

Ion	Ratio	Lower	Upper
94	100		
65	35.5	10.0	50.0
66	52.3	20.2	60.2



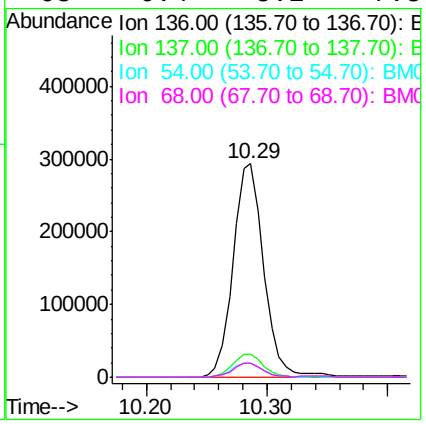


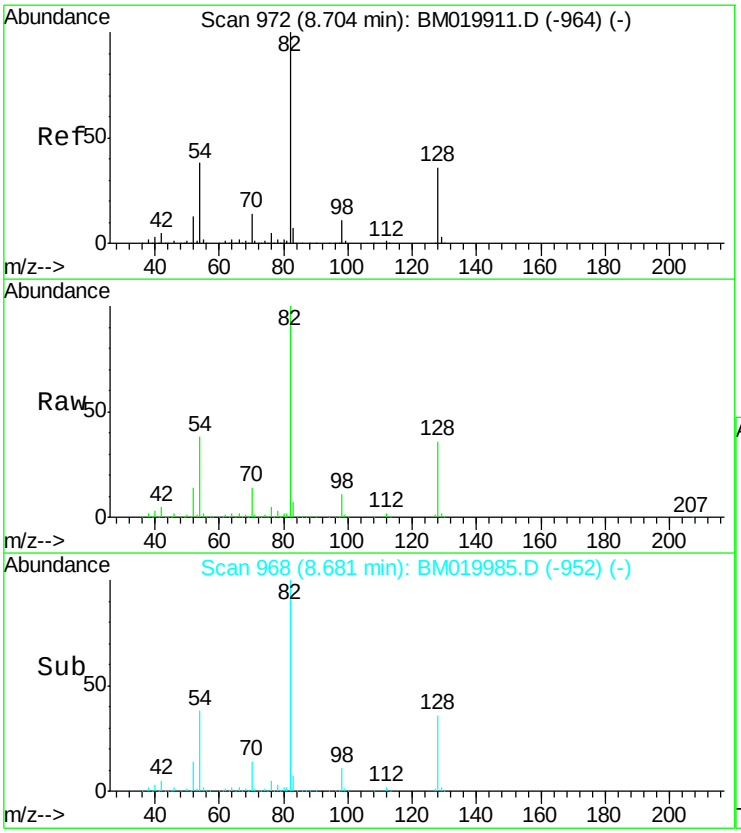
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.29 min Scan# 1241
Delta R.T. 0.00 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Instrument :
BNA_M
ClientSampleId :
AU-041819

Tgt Ion:136 Resp: 519417

Ion	Ratio	Lower	Upper
136	100		
137	10.7	9.0	13.6
54	6.3	5.3	7.9
68	6.4	5.2	7.8

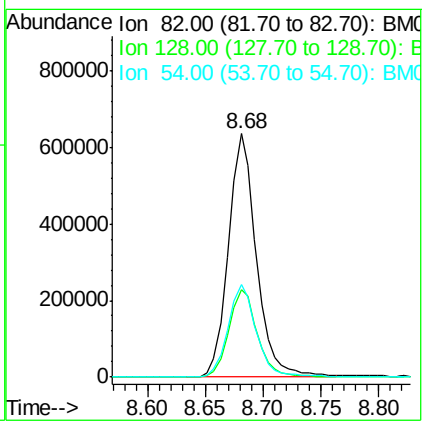


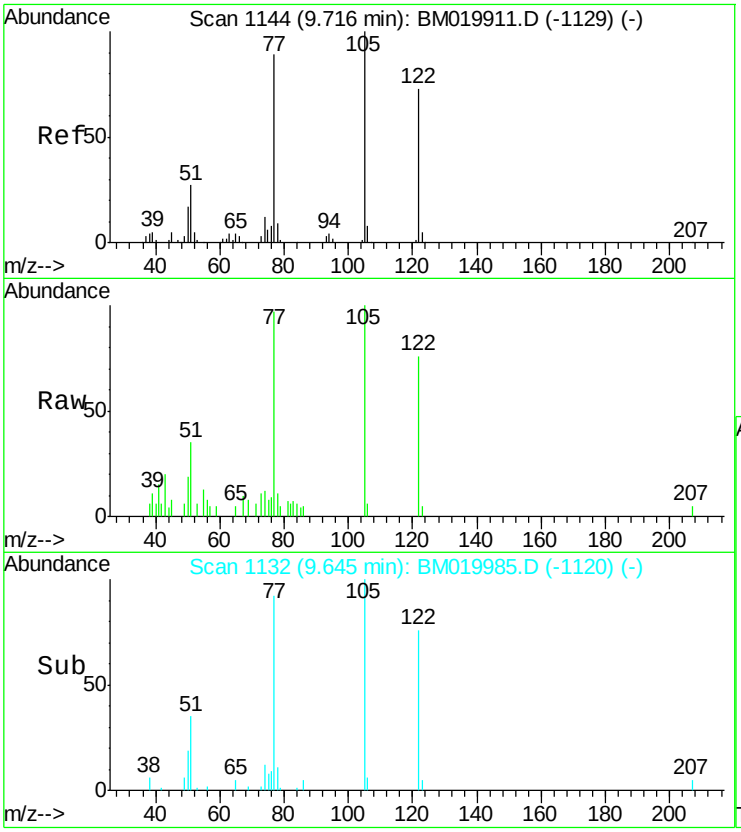


#23
Nitrobenzene-d5
Concen: 91.970 ng
RT: 8.68 min Scan# 968
Delta R.T. -0.01 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Tgt Ion: 82 Resp: 1068191

Ion	Ratio	Lower	Upper
82	100		
128	35.7	29.0	43.4
54	37.8	30.2	45.4



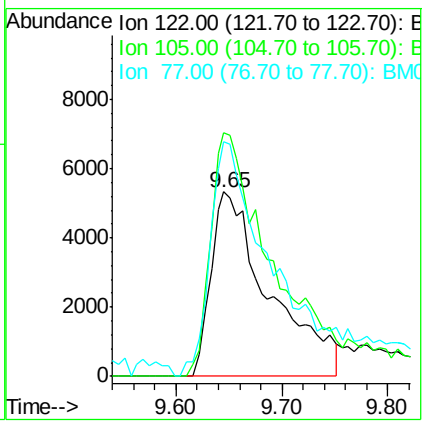


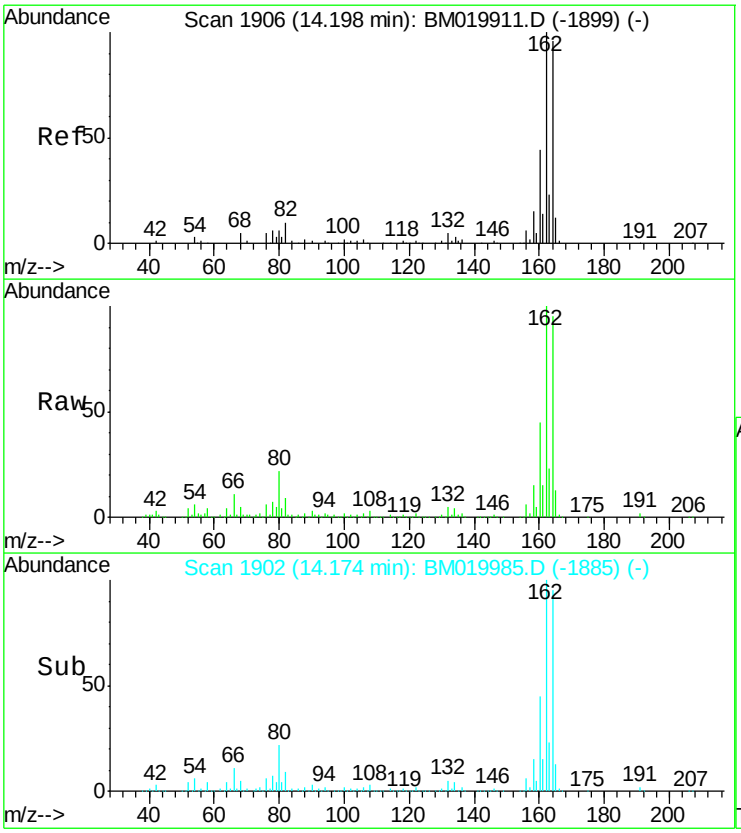
#32
Benzoic acid
Concen: 7.754 ng
RT: 9.65 min Scan# 1132
Delta R.T. -0.03 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Instrument :
BNA_M
ClientSampleId :
AU-041819

Tgt Ion:122 Resp: 20466

Ion	Ratio	Lower	Upper
122	100		
105	132.0	114.8	154.8
77	127.4	100.2	140.2

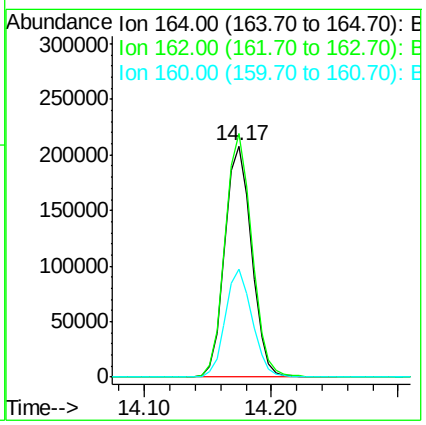


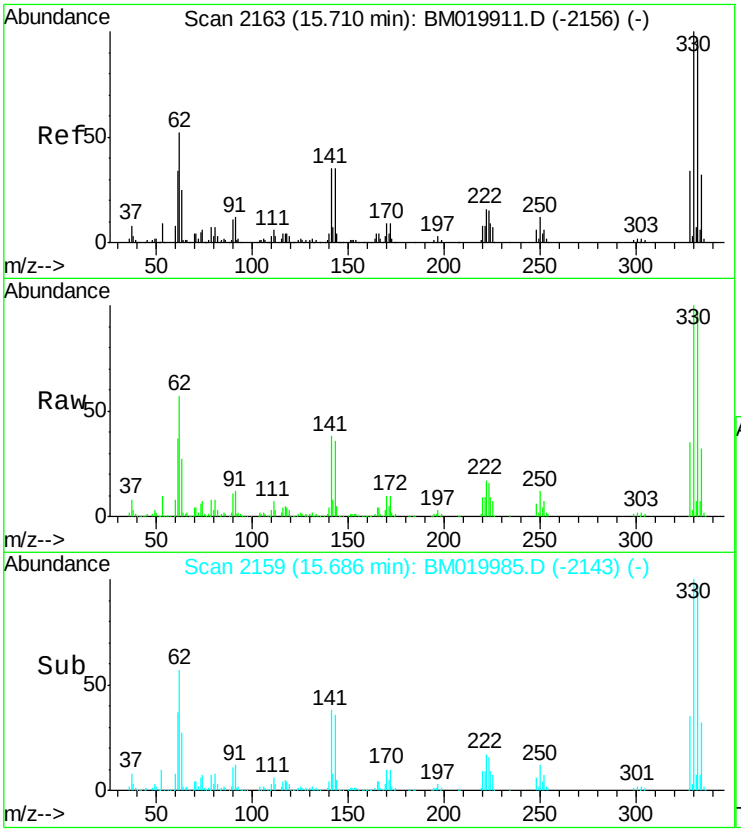


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.17 min Scan# 1902
Delta R.T. 0.00 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Tgt Ion:164 Resp: 305257

Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.0	124.4
160	46.9	36.6	55.0



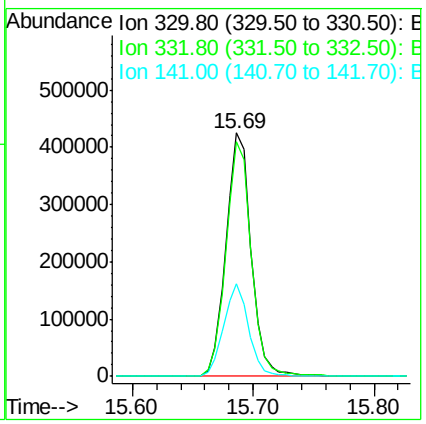


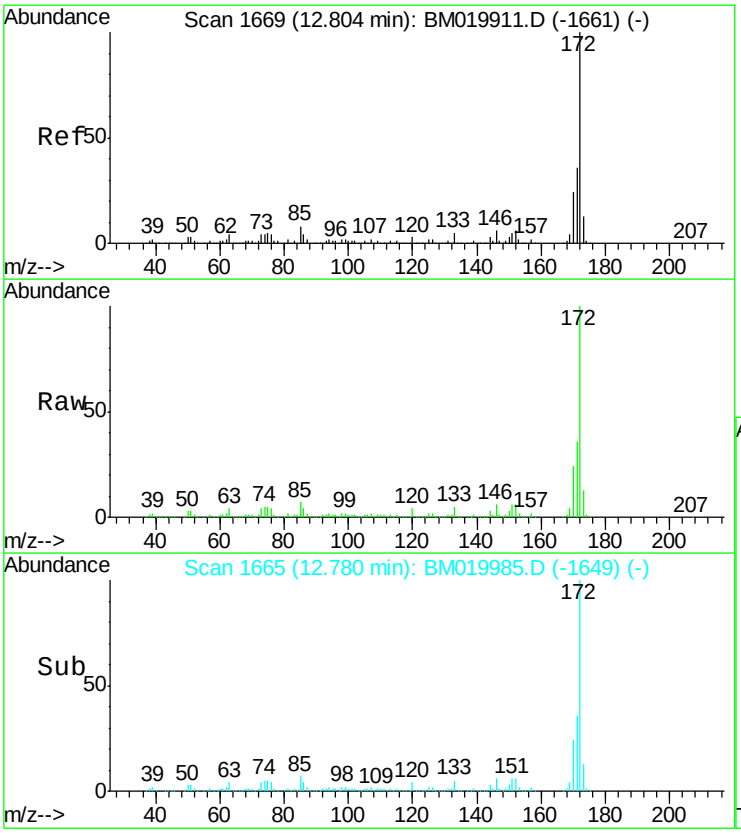
#42
2,4,6-Tribromophenol
Concen: 125.867 ng
RT: 15.69 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Instrument :
BNA_M
ClientSampleId :
AU-041819

Tgt Ion:330 Resp: 618486

Ion	Ratio	Lower	Upper
330	100		
332	96.7	77.4	116.2
141	37.8	29.0	43.4

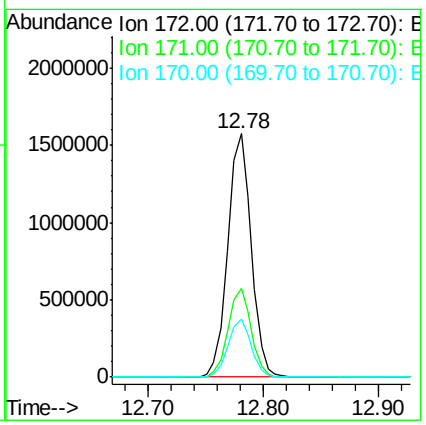


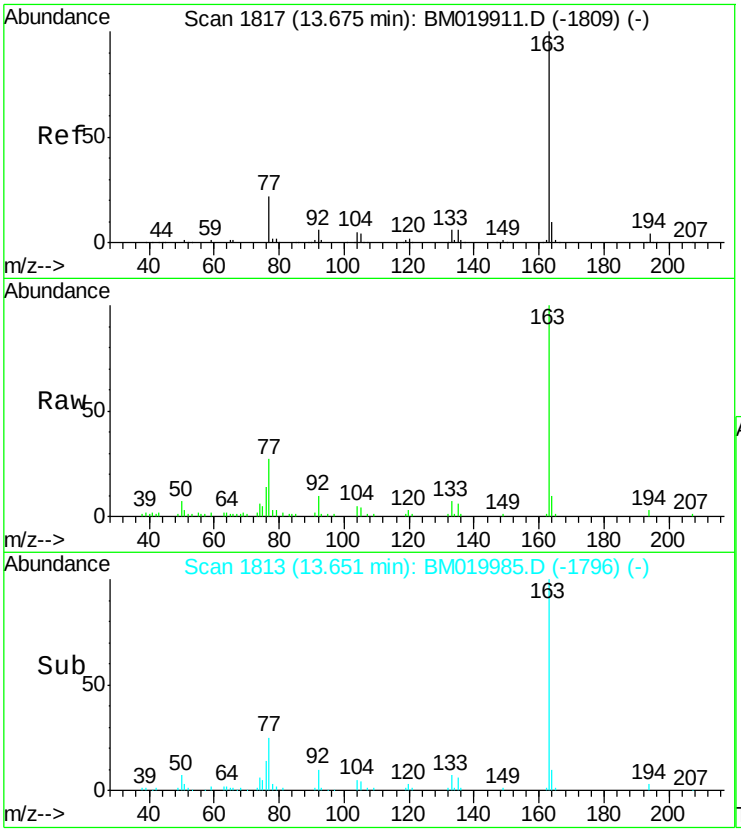


#45
2-Fluorobiphenyl
Concen: 90.256 ng
RT: 12.78 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Tgt Ion:172 Resp: 2210759

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.9	43.3
170	23.9	19.0	28.4



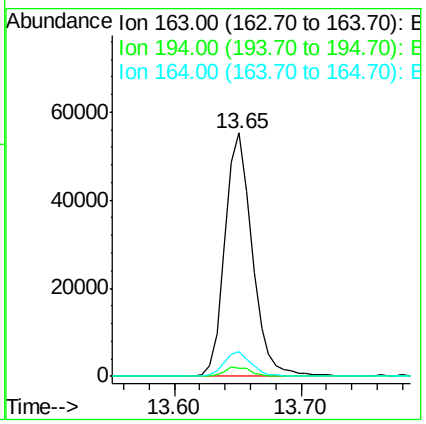


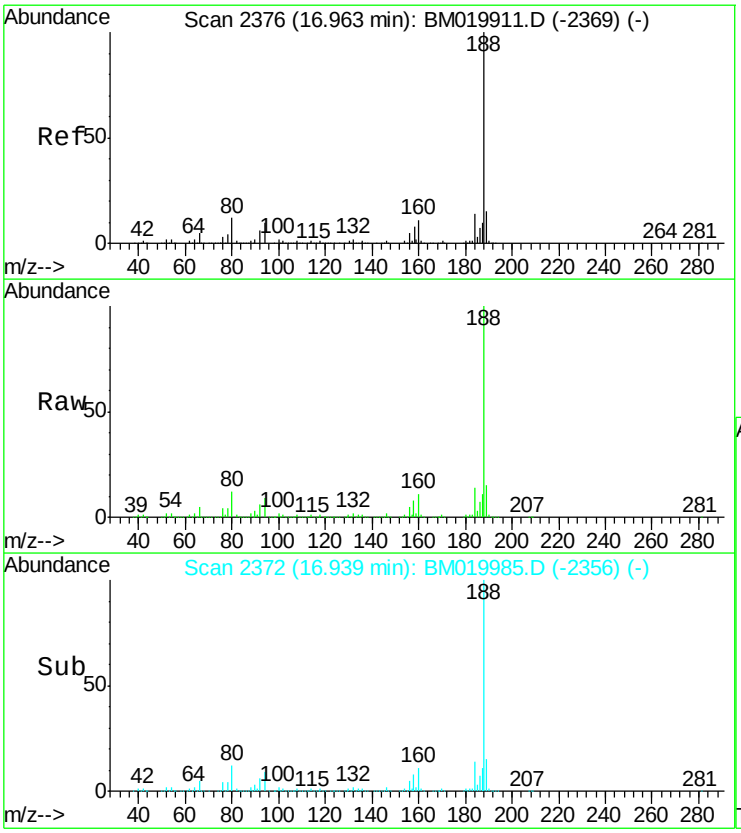
#50
Dimethylphthalate
Concen: 3.055 ng
RT: 13.65 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Instrument :
BNA_M
ClientSampleId :
AU-041819

Tgt Ion:163 Resp: 82260

Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.1	4.7
164	10.1	7.9	11.9

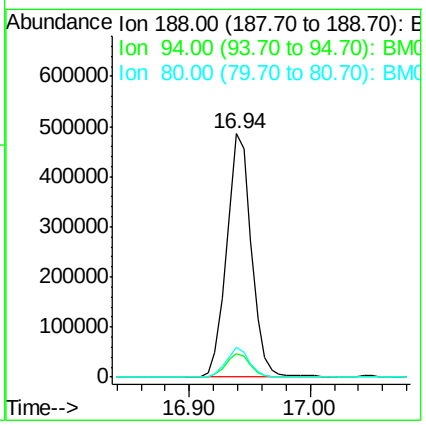


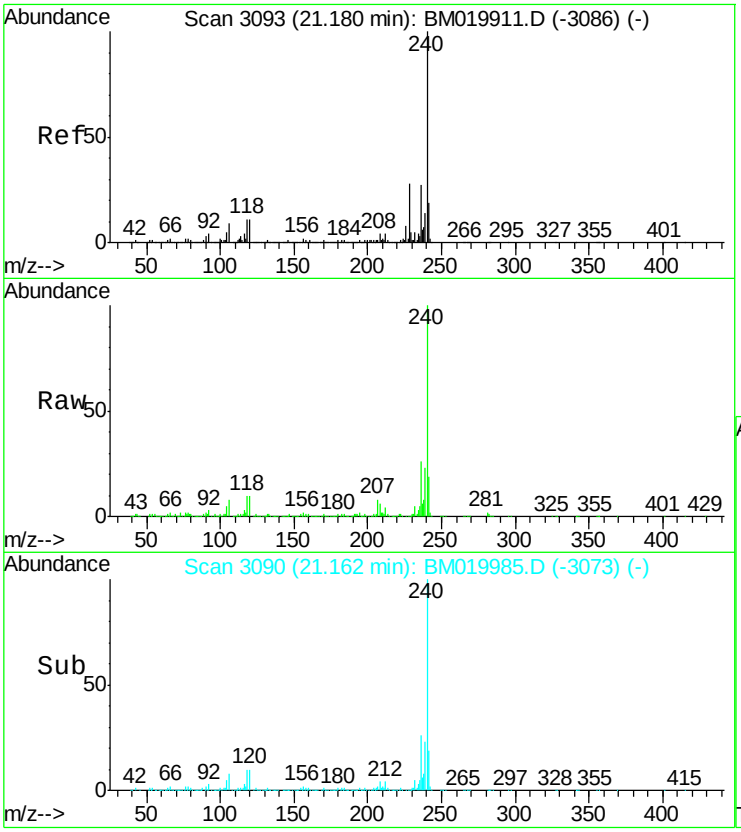


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.94 min Scan# 2372
Delta R.T. -0.01 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Tgt Ion:188 Resp: 692248

Ion	Ratio	Lower	Upper
188	100		
94	9.5	7.6	11.4
80	12.3	9.4	14.0



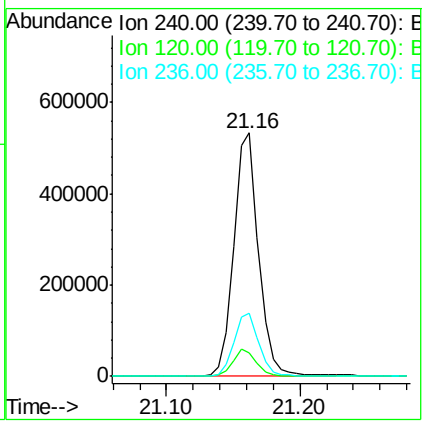


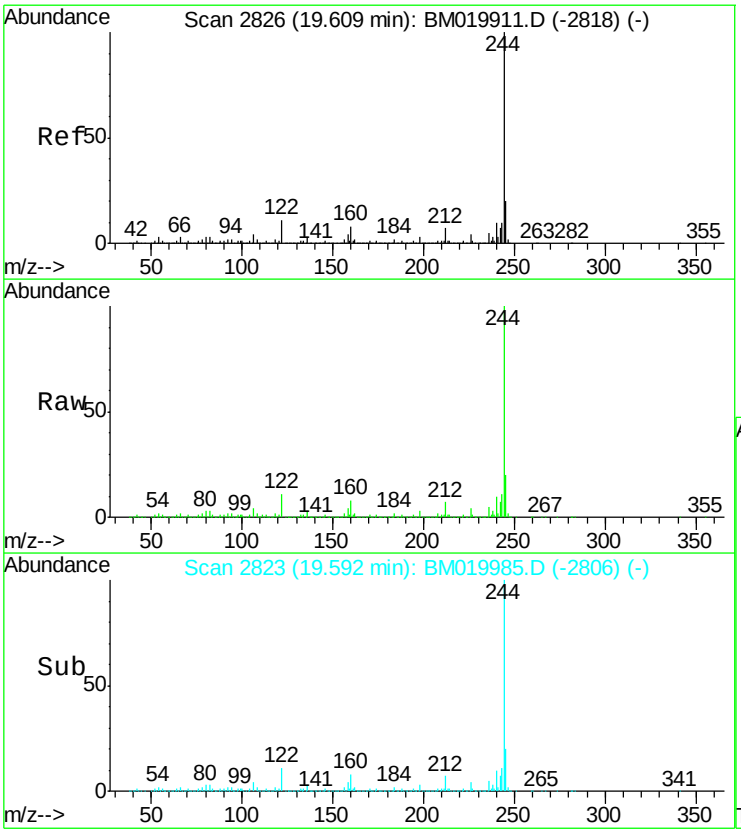
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.16 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Instrument :
BNA_M
ClientSampleId :
AU-041819

Tgt Ion:240 Resp: 688473

Ion	Ratio	Lower	Upper
240	100		
120	9.8	8.6	13.0
236	26.1	21.4	32.2

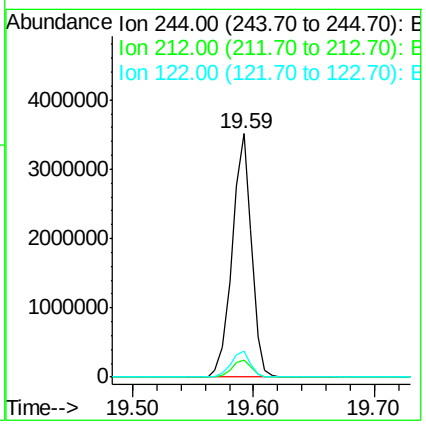


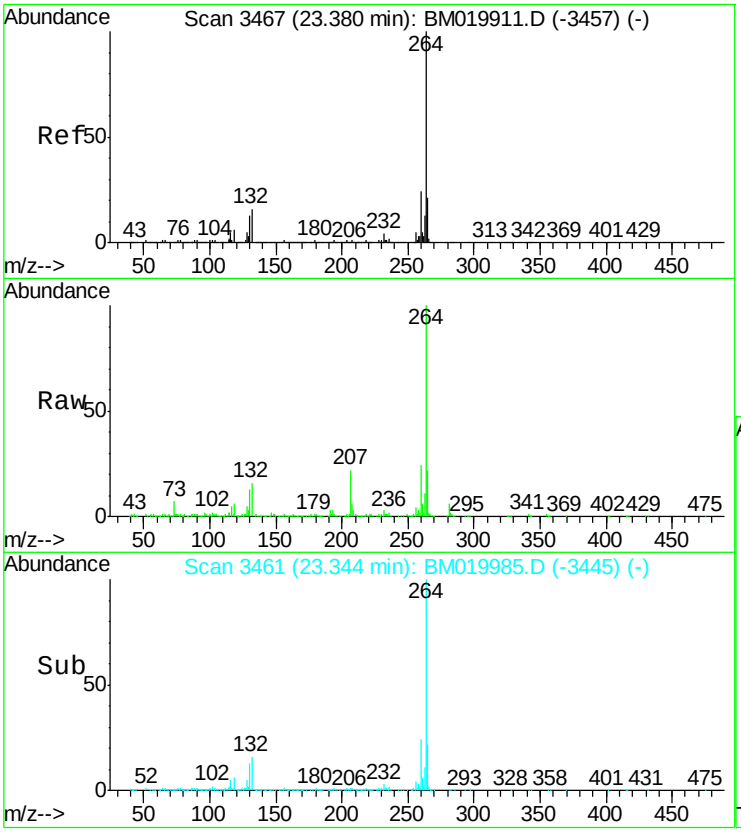


#79
Terphenyl-d14
Concen: 100.013 ng
RT: 19.59 min Scan# 2823
Delta R.T. 0.00 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Tgt Ion:244 Resp: 3903796

Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.7	8.5
122	10.6	9.1	13.7





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.34 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM019985.D
Acq: 19 Apr 2019 23:22

Instrument :
BNA_M
ClientSampleId :
AU-041819

Tgt Ion:264 Resp: 724295

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	22.3	17.2	25.8