Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050319\
Data File : BM020123.D
Acq On : 03 May 2019 21:52
Operator : JU/SJ
Sample : K2635-07 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : AU-05-050219-D

Quant Time: May 04 06:49:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	165101	20.00	ng	0.00
21) Naphthalene-d8	10.57	136	646999	20.00	ng	-0.01
39) Acenaphthene-d10	14.43	164	400261	20.00	ng	0.00
64) Phenanthrene-d10	17.17	188	925630	20.00	ng	0.00
76) Chrysene-d12	21.36	240	893223	20.00	ng	-0.01
87) Perylene-d12	23.64	264	1024128	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	155181	15.36	ng	-0.01
7) Phenol-d6	6.94	99	247807	17.96	ng	-0.01
23) Nitrobenzene-d5	8.95	82	175295	10.70	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	67049	10.79	ng	0.00
45) 2-Fluorobiphenyl	13.05	172	355107	10.92	ng	-0.01
79) Terphenyl-d14	19.80	244	520521	10.16	ng	-0.01
Target Compounds						Qvalue

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

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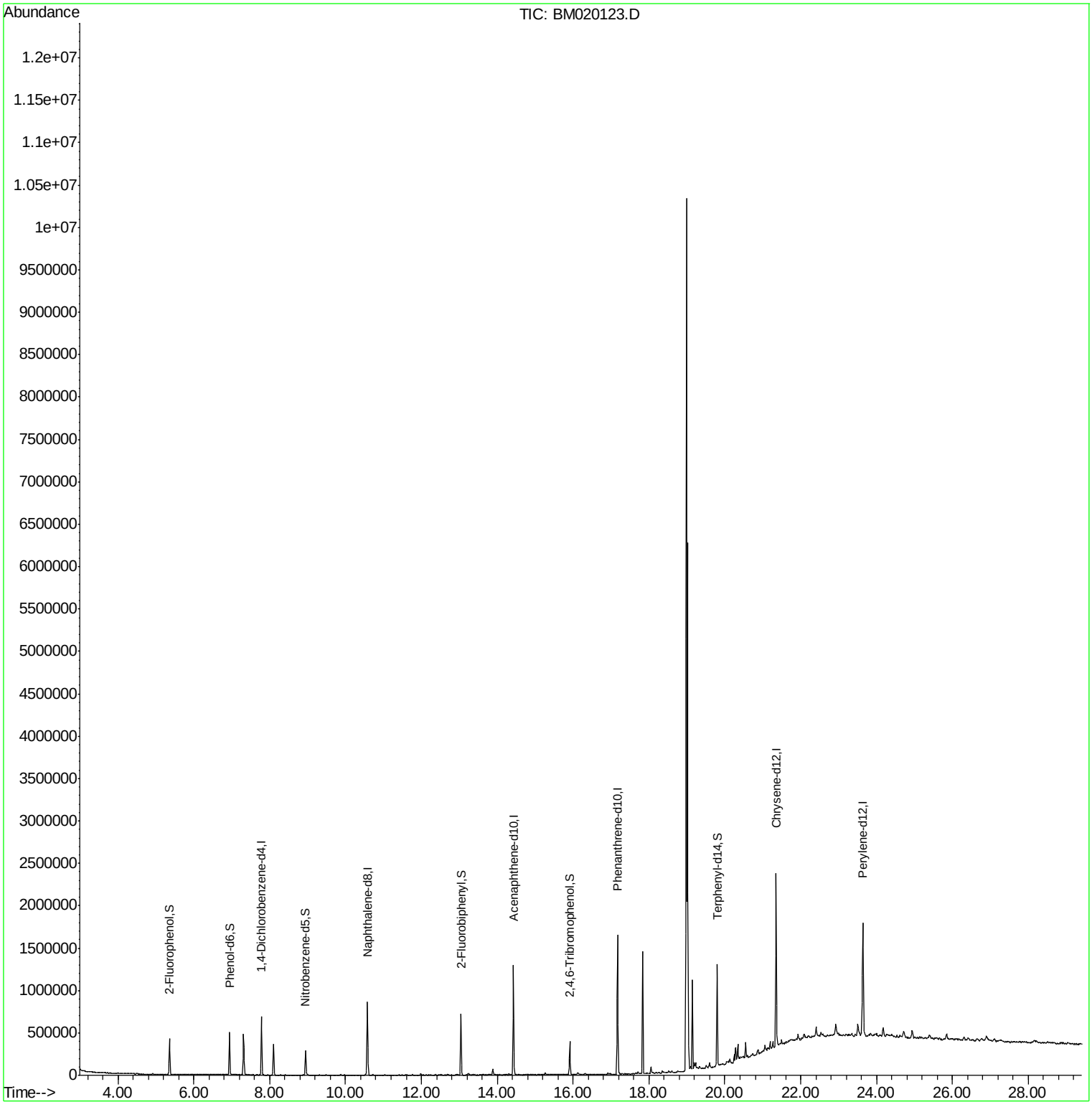
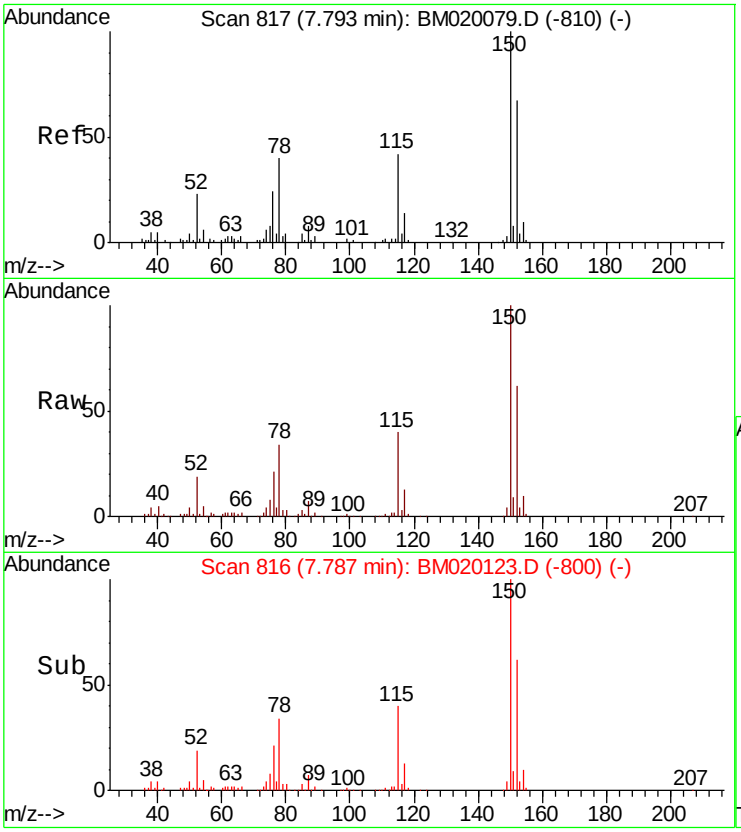


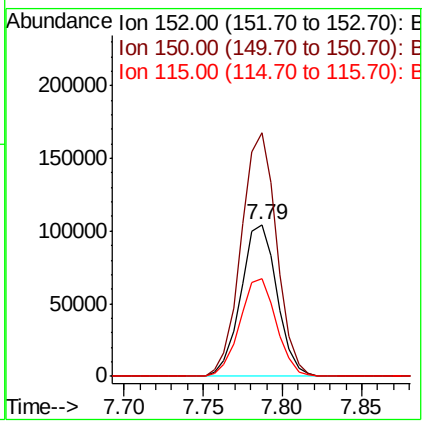


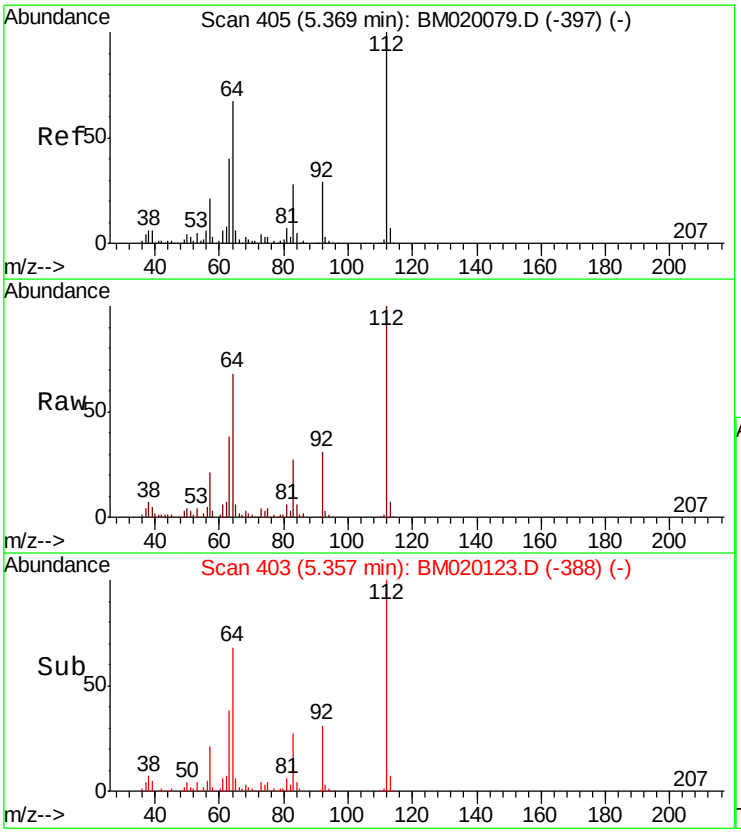
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 816
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-D

Tgt Ion:152 Resp: 165101

Ion	Ratio	Lower	Upper
152	100		
150	160.3	119.8	179.8
115	64.3	50.8	76.2

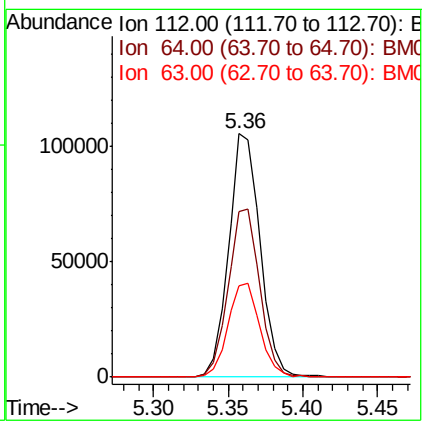


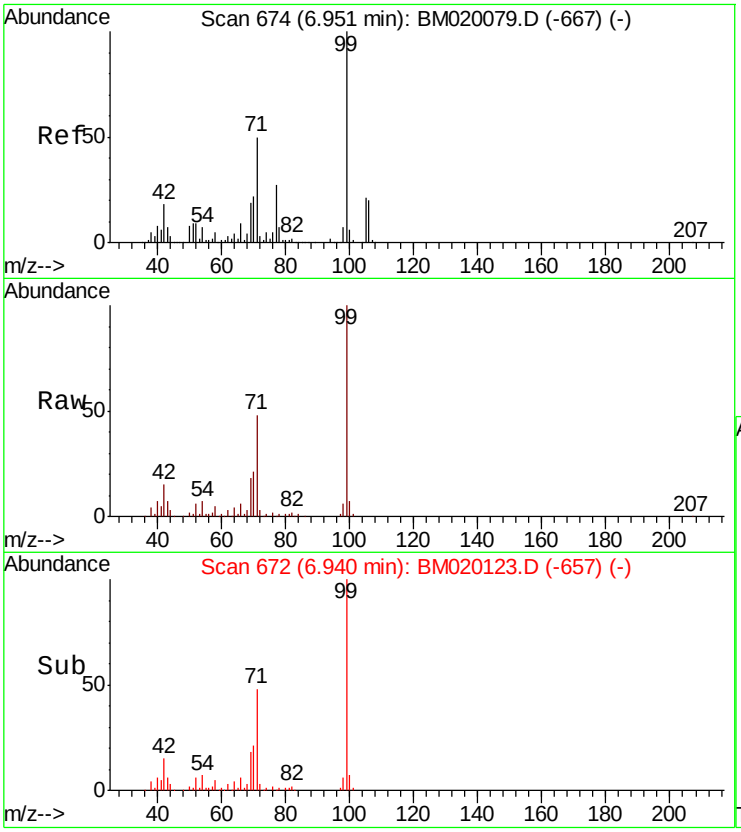


#5
2-Fluorophenol
Concen: 15.364 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Tgt Ion:112 Resp: 155181

Ion	Ratio	Lower	Upper
112	100		
64	67.7	53.8	80.6
63	37.5	32.3	48.5



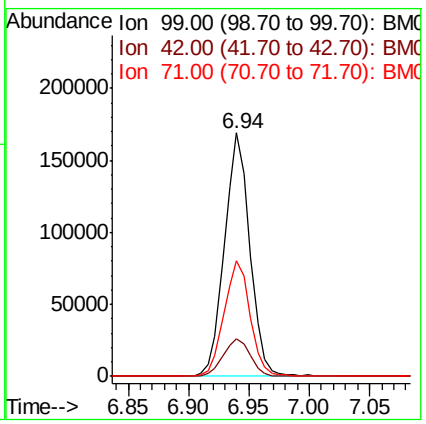


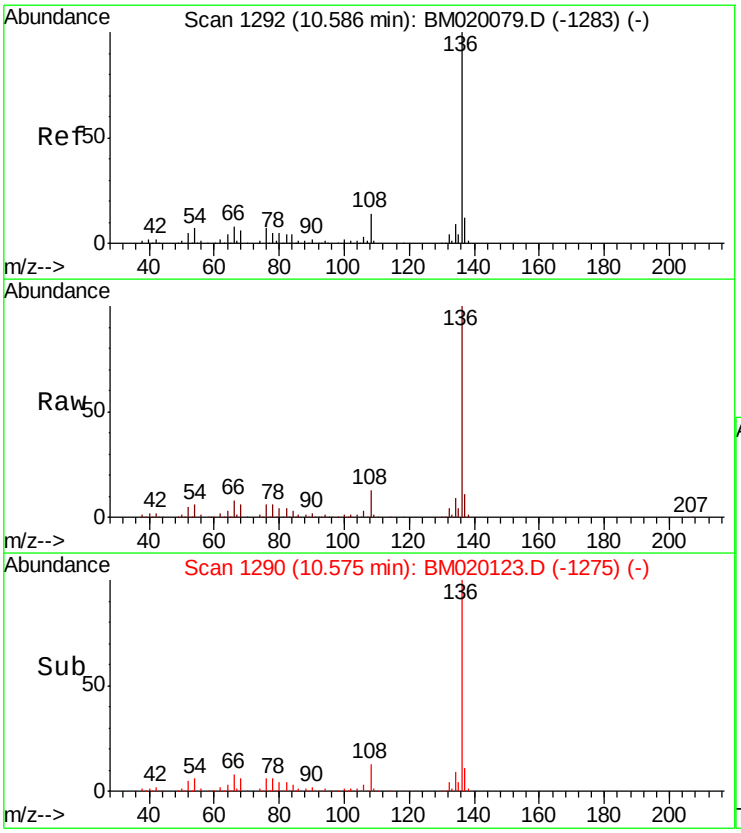
#7
Phenol-d6
Concen: 17.959 ng
RT: 6.94 min Scan# 672
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-D

Tgt Ion: 99 Resp: 247807

Ion	Ratio	Lower	Upper
99	100		
42	15.3	14.2	21.2
71	47.6	40.3	60.5

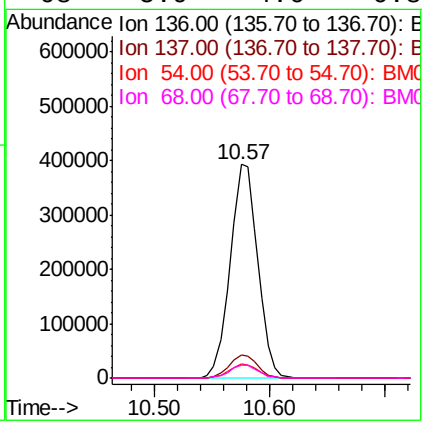


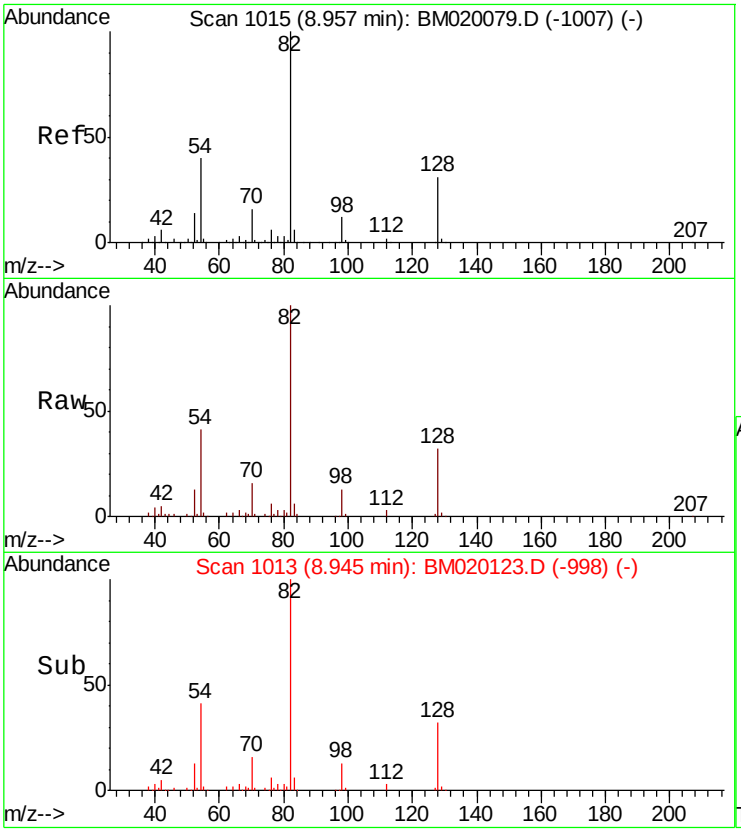


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1290
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Tgt Ion:136 Resp: 646999

Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.6	14.4
54	6.5	5.5	8.3
68	5.9	4.6	6.8



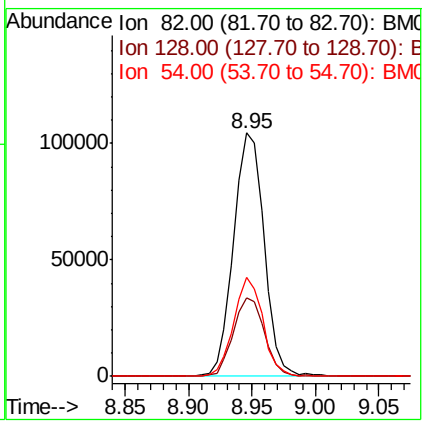


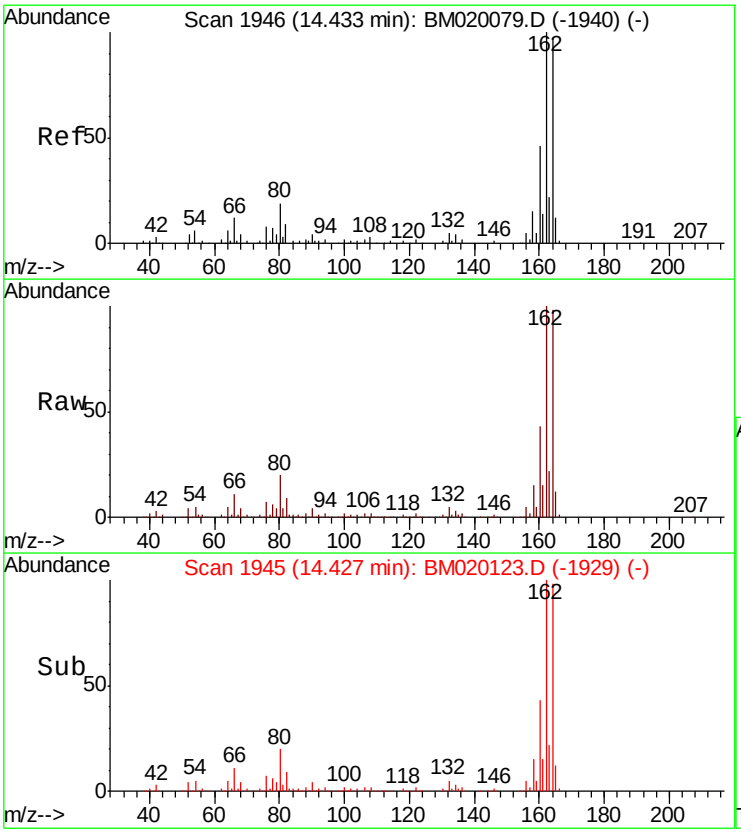
#23
Nitrobenzene-d5
Concen: 10.697 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-D

Tgt Ion: 82 Resp: 175295

Ion	Ratio	Lower	Upper
82	100		
128	32.2	25.2	37.8
54	40.8	31.9	47.9

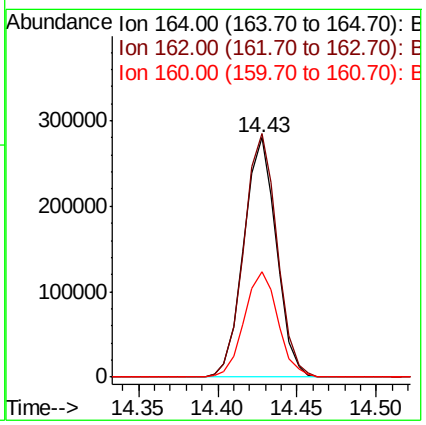


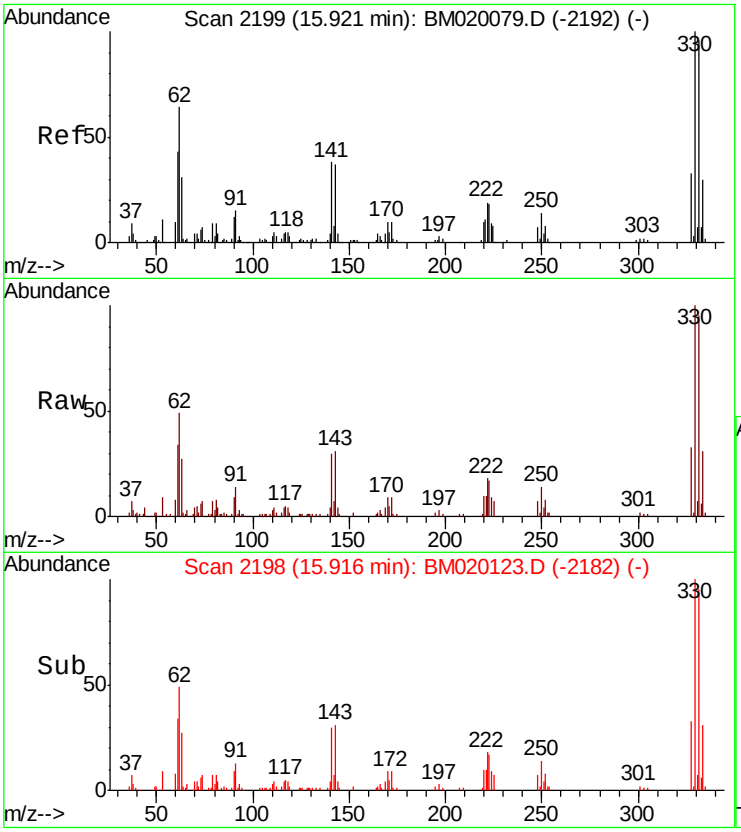


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1945
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Tgt Ion:164 Resp: 400261

Ion	Ratio	Lower	Upper
164	100		
162	101.7	82.2	123.2
160	44.1	37.6	56.4



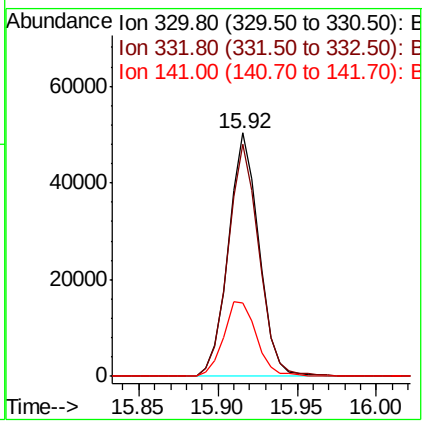


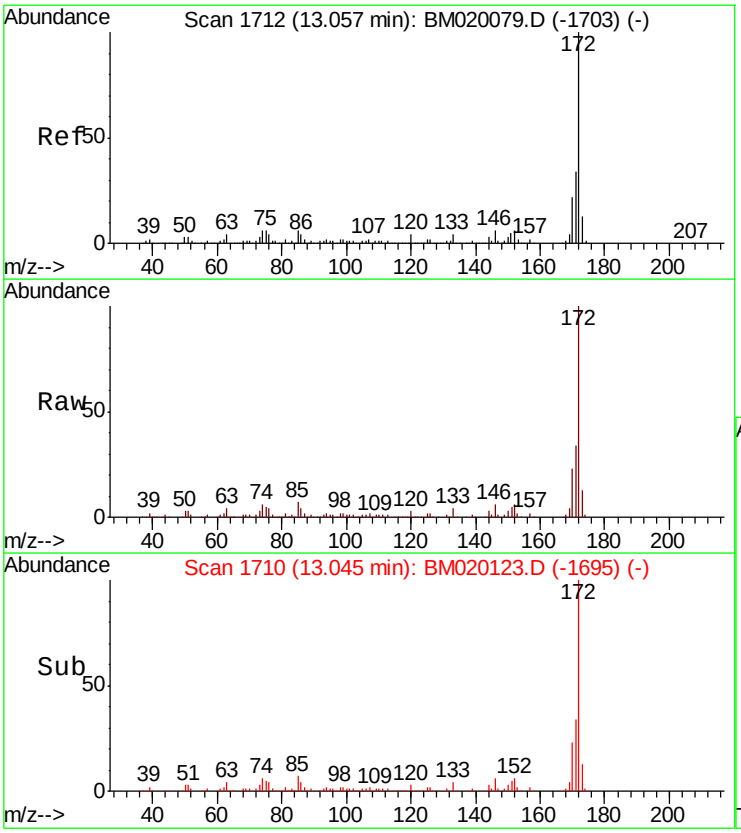
#42
2,4,6-Tribromophenol
Concen: 10.792 ng
RT: 15.92 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-D

Tgt Ion:330 Resp: 67049

Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.8	115.2
141	33.2	29.2	43.8

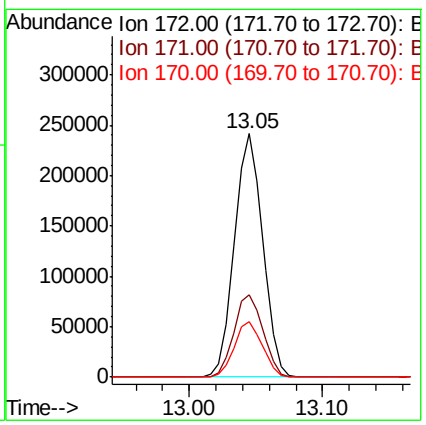


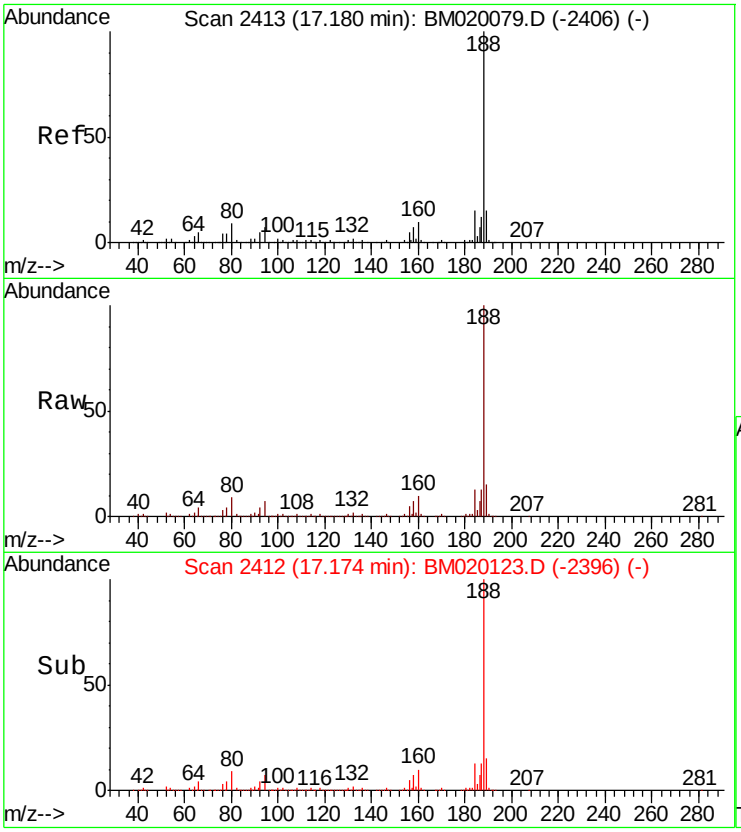


#45
2-Fluorobiphenyl
Concen: 10.916 ng
RT: 13.05 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Tgt Ion:172 Resp: 355107

Ion	Ratio	Lower	Upper
172	100		
171	33.9	27.3	40.9
170	23.0	17.9	26.9



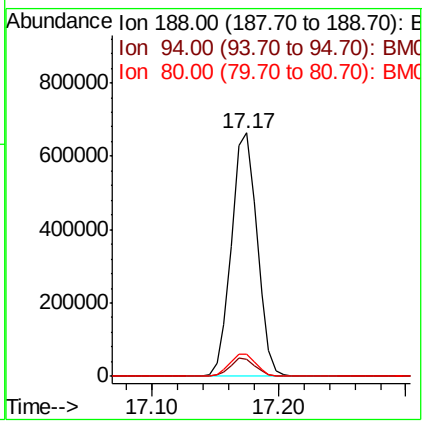


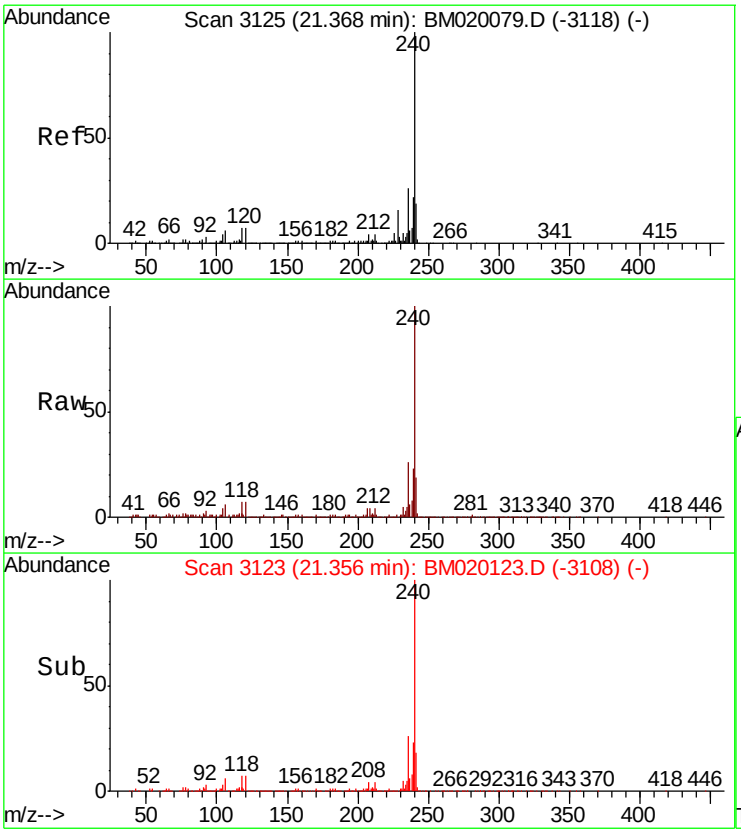
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-D

Tgt Ion:188 Resp: 925630

Ion	Ratio	Lower	Upper
188	100		
94	7.3	5.8	8.6
80	9.0	7.4	11.2

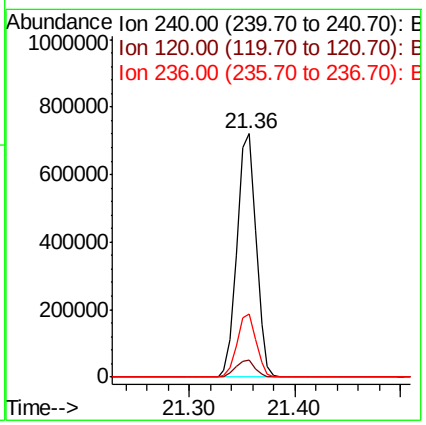


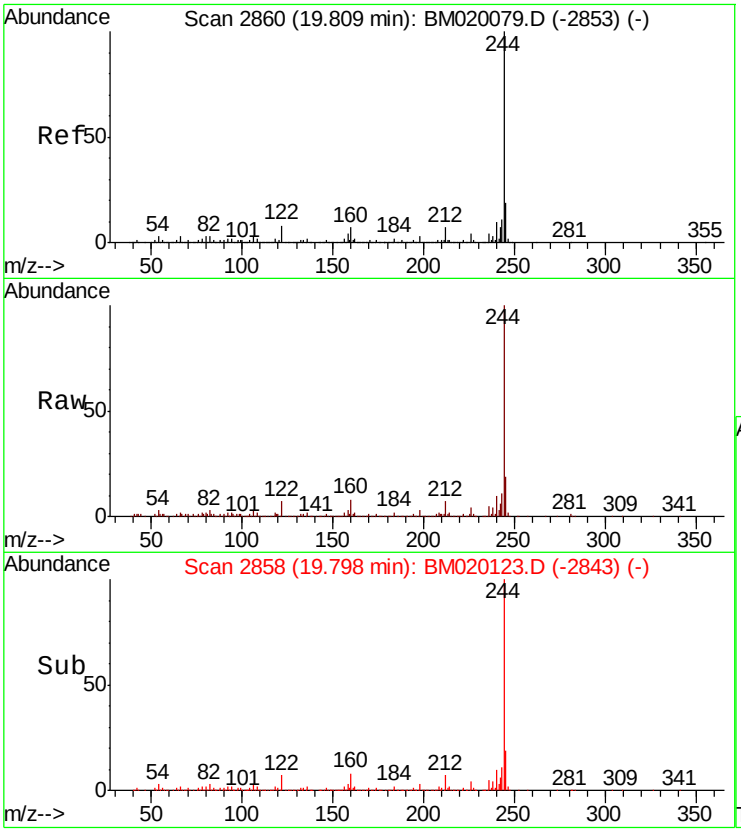


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Tgt Ion:240 Resp: 893223

Ion	Ratio	Lower	Upper
240	100		
120	6.8	5.6	8.4
236	26.0	20.9	31.3



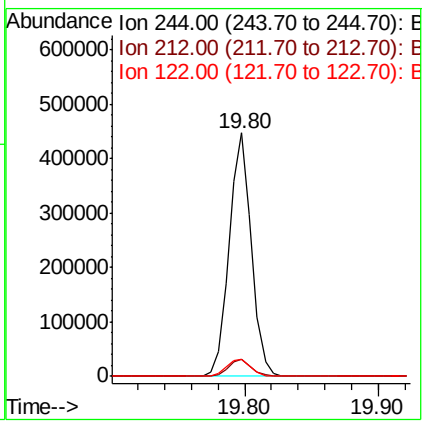


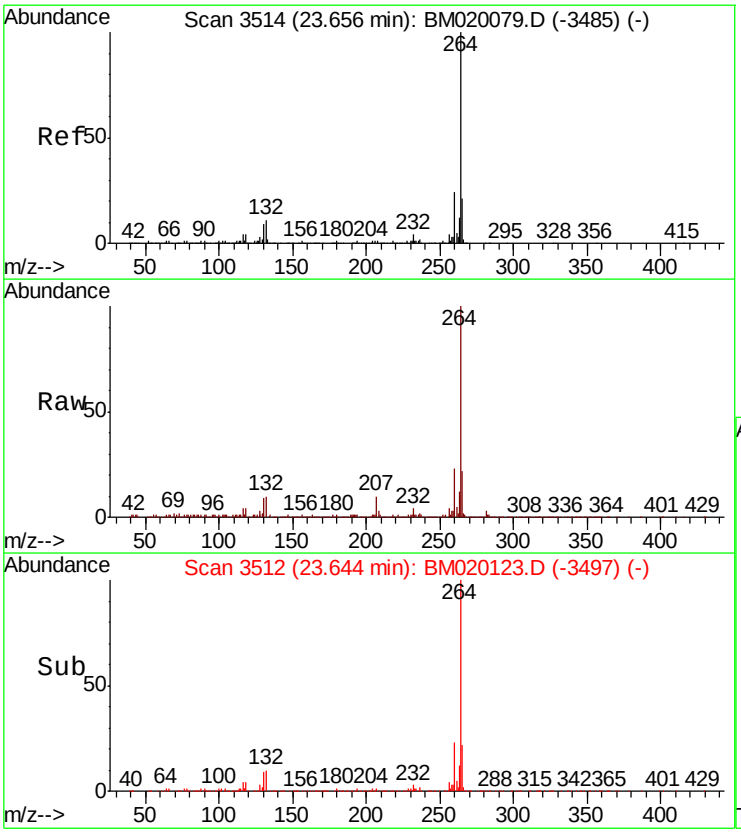
#79
Terphenyl-d14
Concen: 10.164 ng
RT: 19.80 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Instrument :
BNA_M
ClientSampleId :
AU-05-050219-D

Tgt Ion:244 Resp: 520521

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	7.3	6.2	9.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3512
Delta R.T. -0.01 min
Lab File: BM020123.D
Acq: 03 May 2019 21:52

Tgt Ion:264 Resp: 1024128

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.2	28.8
265	22.3	16.9	25.3