Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051019\
Data File : BM020265.D
Acq On : 11 May 2019 06:54
Operator : JU/SJ
Sample : K2779-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : RBR-200052

Quant Time: May 12 02:47:17 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	7.77	152	106636	20.00	ng	-0.02
21) Naphthalene-d8	10.56	136	420307	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	279261	20.00	ng	-0.02
64) Phenanthrene-d10	17.17	188	676219	20.00	ng	-0.01
76) Chrysene-d12	21.35	240	536118	20.00	ng	-0.02
87) Perylene-d12	23.64	264	516357	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	914865	140.24	ng	-0.01
7) Phenol-d6	6.95	99	1300739	145.95	ng	0.00
23) Nitrobenzene-d5	8.95	82	898497	84.40	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	656523	151.46	ng	0.00
45) 2-Fluorobiphenyl	13.03	172	1763754	77.71	ng	-0.02
79) Terphenyl-d14	19.79	244	2775817	90.31	ng	-0.02
Target Compounds						Qvalue
50) Dimethylphthalate	13.87	163	224367	9.453	ng	99

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

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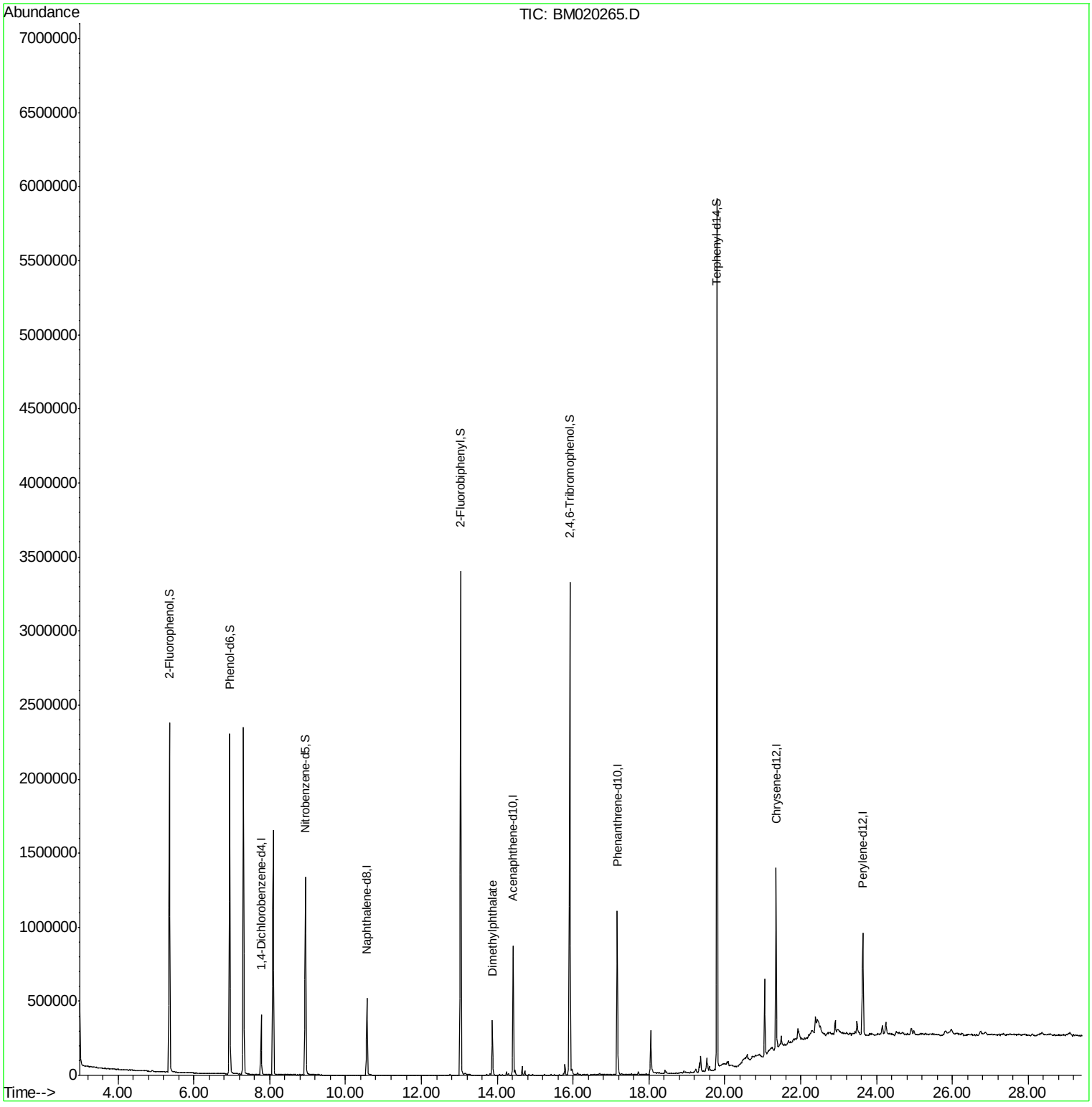
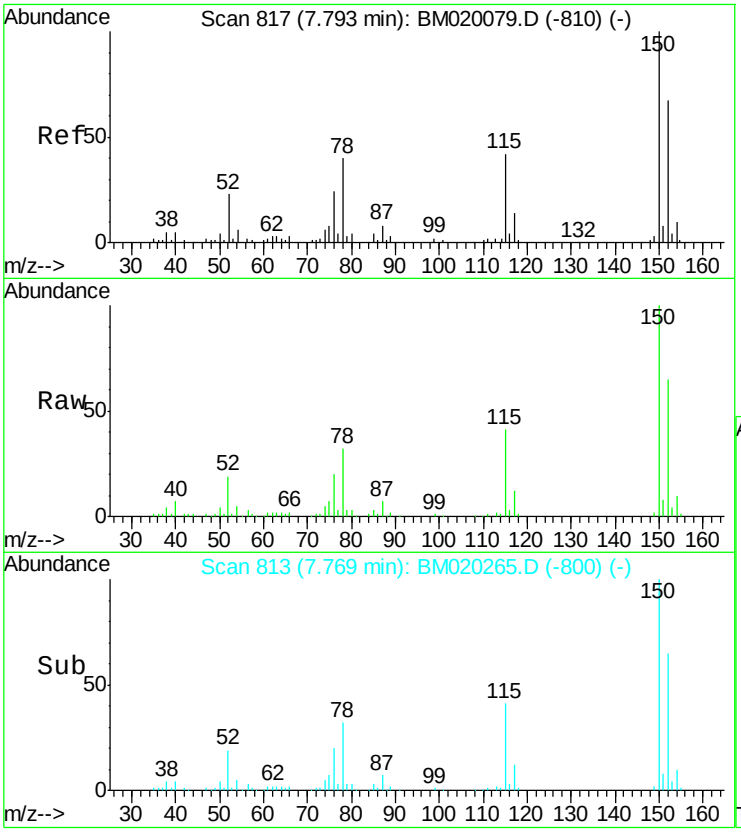


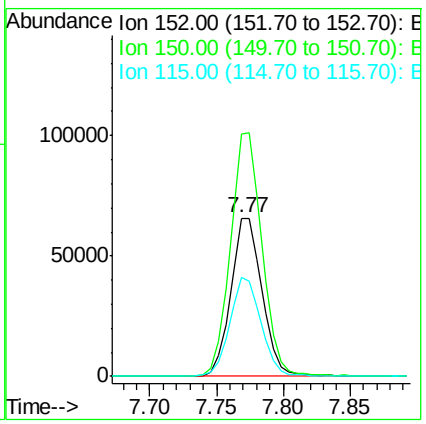


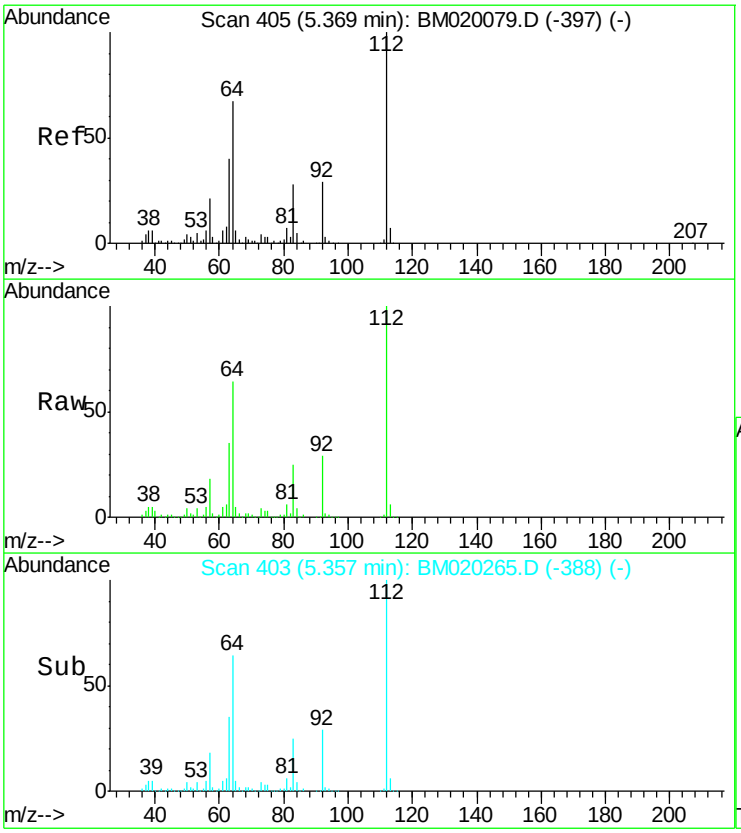
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 813
Delta R.T. -0.02 min
Lab File: BM020265.D
Acq: 11 May 2019 06:54

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:152 Resp: 106636

Ion	Ratio	Lower	Upper
152	100		
150	153.8	119.8	179.8
115	63.0	50.8	76.2

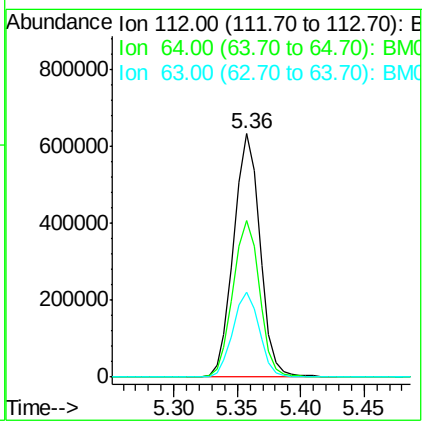


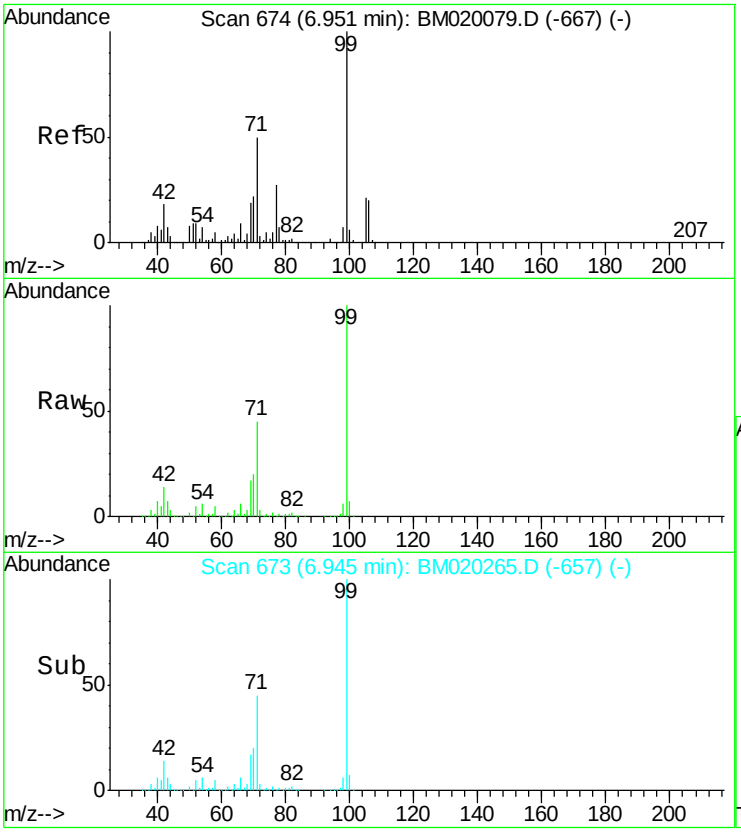


#5
2-Fluorophenol
Concen: 140.237 ng
RT: 5.36 min Scan# 403
Delta R.T. -0.01 min
Lab File: BM020265.D
Acq: 11 May 2019 06:54

Tgt Ion:112 Resp: 914865

Ion	Ratio	Lower	Upper
112	100		
64	64.3	53.8	80.6
63	34.7	32.3	48.5



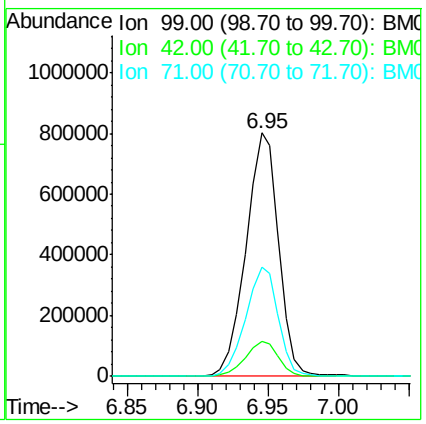


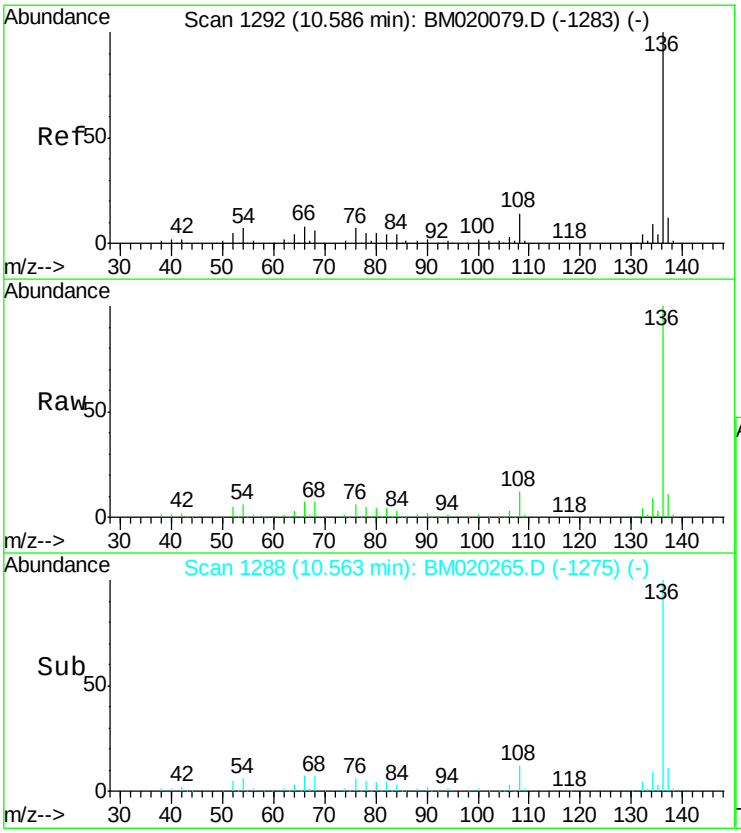
#7
Phenol-d6
Concen: 145.949 ng
RT: 6.95 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM020265.D
Acq: 11 May 2019 06:54

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion: 99 Resp: 1300739

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.2	21.2
71	45.0	40.3	60.5

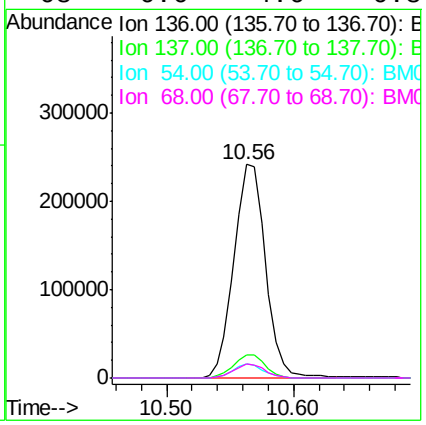


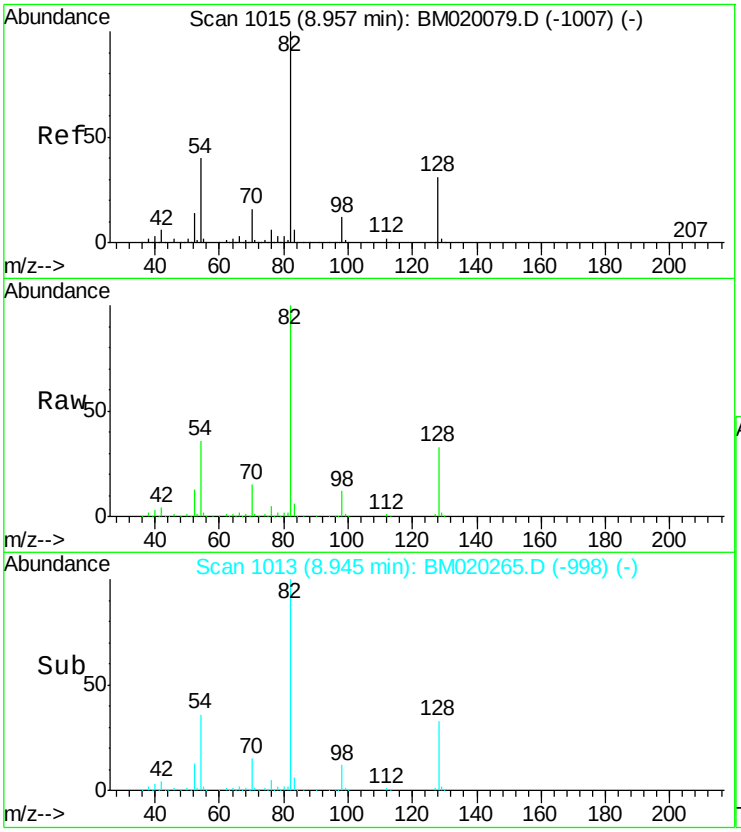


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1288
Delta R.T. -0.02 min
Lab File: BM020265.D
Acq: 11 May 2019 06:54

Tgt Ion:136 Resp: 420307

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	6.4	5.5	8.3
68	6.6	4.6	6.8



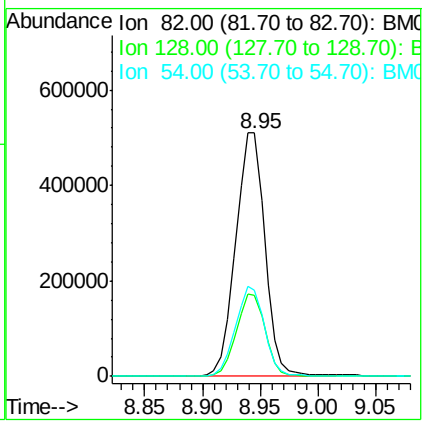


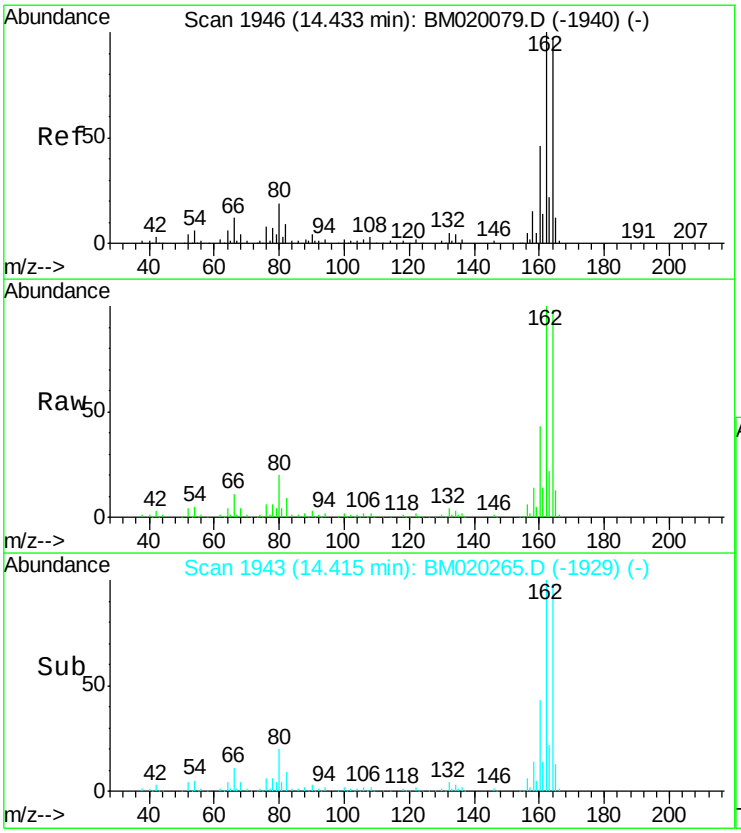
#23
Nitrobenzene-d5
Concen: 84.397 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020265.D
Acq: 11 May 2019 06:54

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion: 82 Resp: 898497

Ion	Ratio	Lower	Upper
82	100		
128	33.4	25.2	37.8
54	35.5	31.9	47.9

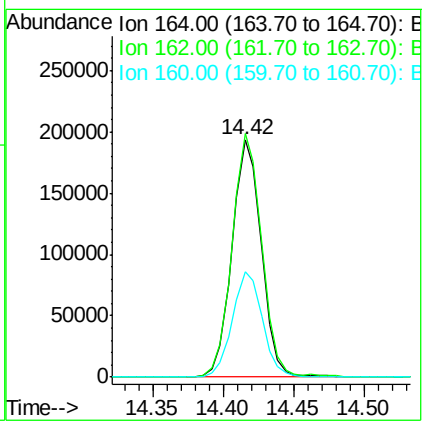


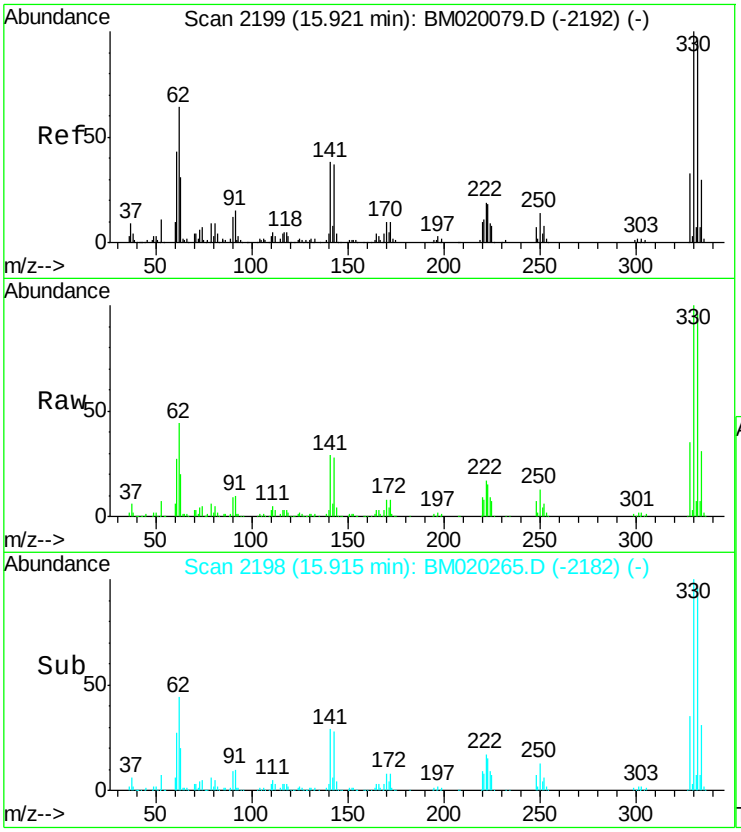


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1943
Delta R.T. -0.02 min
Lab File: BM020265.D
Acq: 11 May 2019 06:54

Tgt Ion:164 Resp: 279261

Ion	Ratio	Lower	Upper
164	100		
162	102.4	82.2	123.2
160	44.1	37.6	56.4



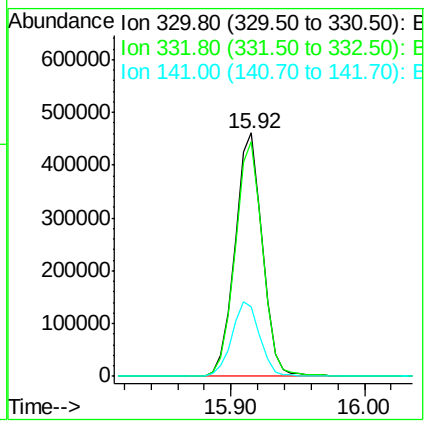


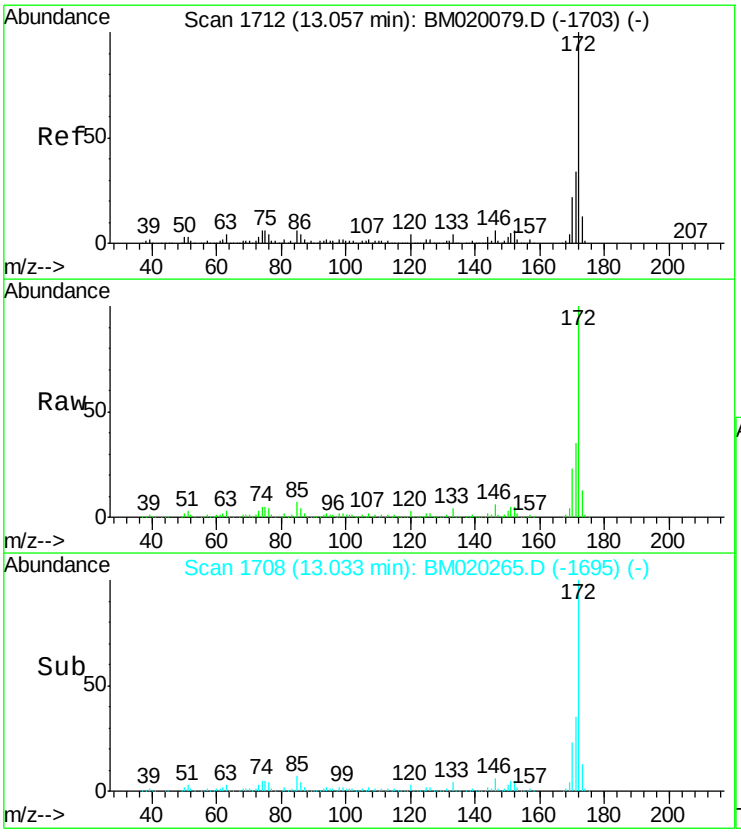
#42
2,4,6-Tribromophenol
Concen: 151.459 ng
RT: 15.92 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BM020265.D
Acq: 11 May 2019 06:54

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:330 Resp: 656523

Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.8	115.2
141	31.3	29.2	43.8

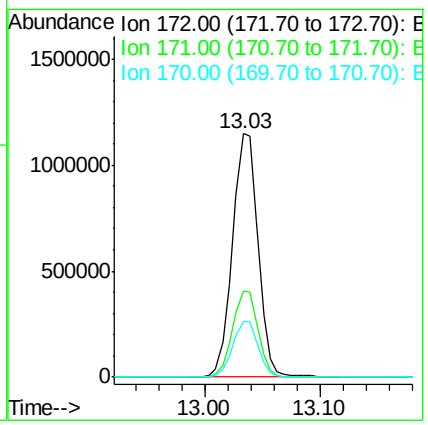


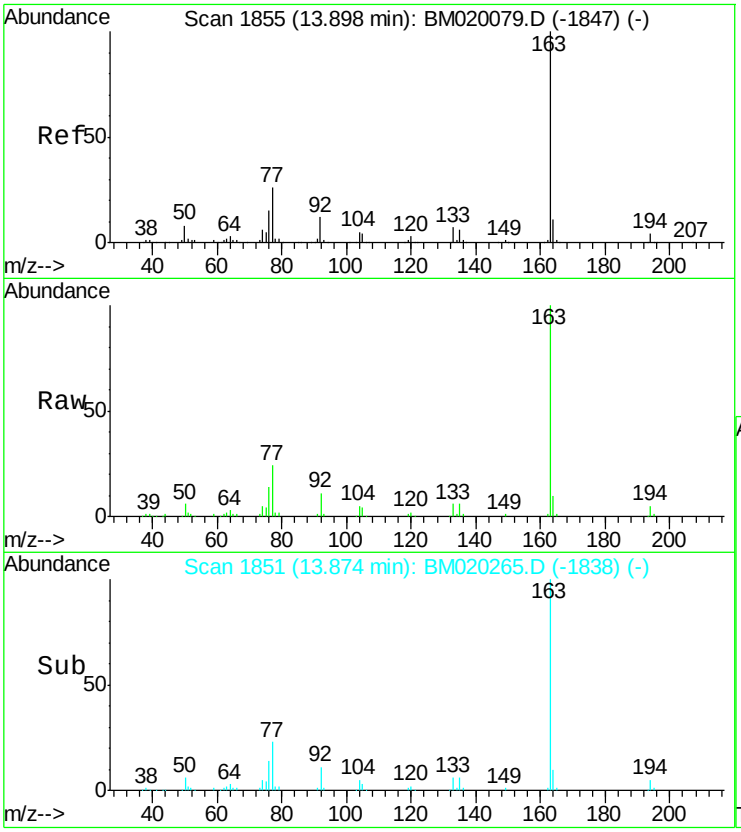


#45
2-Fluorobiphenyl
Concen: 77.707 ng
RT: 13.03 min Scan# 1708
Delta R.T. -0.02 min
Lab File: BM020265.D
Acq: 11 May 2019 06:54

Tgt Ion:172 Resp: 1763754

Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.3	40.9
170	23.0	17.9	26.9



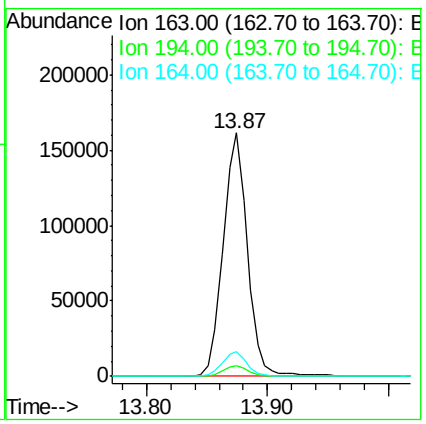


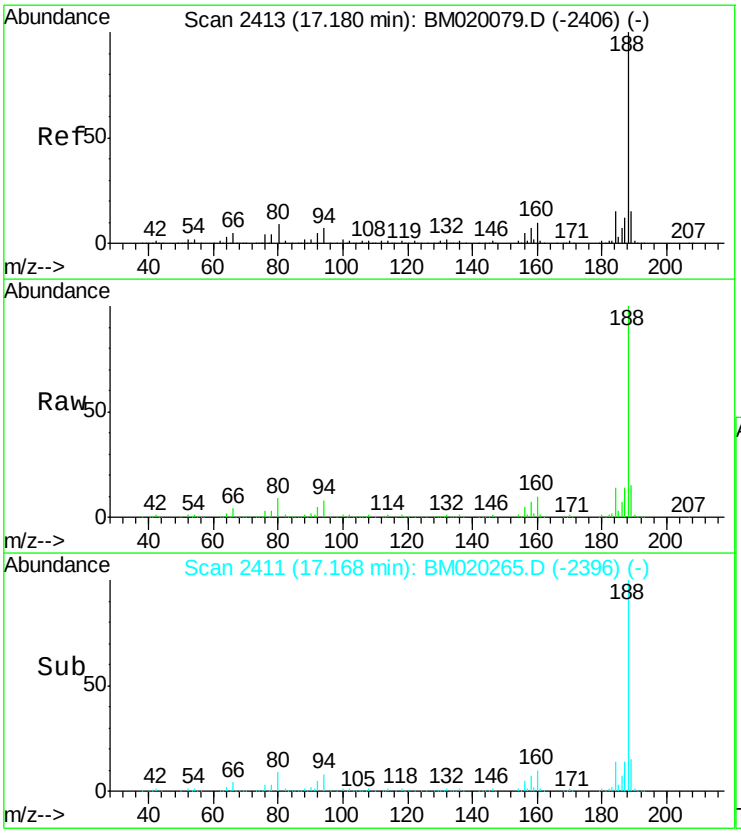
#50
Dimethylphthalate
Concen: 9.453 ng
RT: 13.87 min Scan# 1851
Delta R.T. -0.02 min
Lab File: BM020265.D
Acq: 11 May 2019 06:54

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:163 Resp: 224367

Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.6	5.4
164	10.2	8.4	12.6

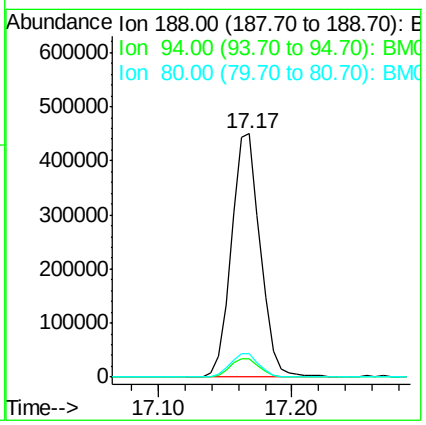


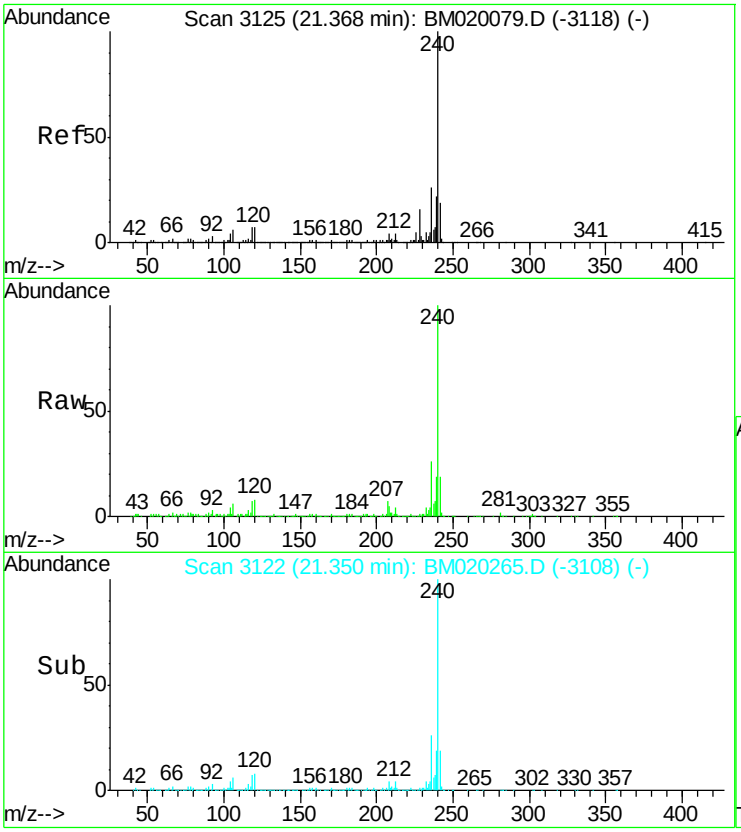


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020265.D
Acq: 11 May 2019 06:54

Tgt Ion:188 Resp: 676219

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.8	8.6
80	9.4	7.4	11.2



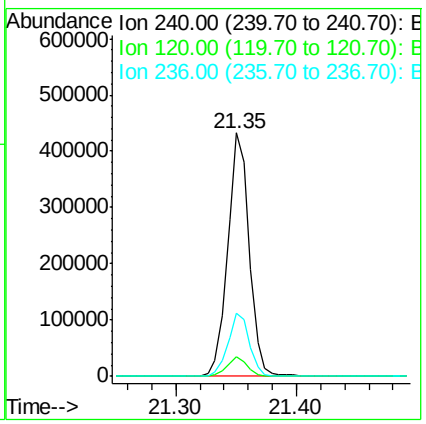


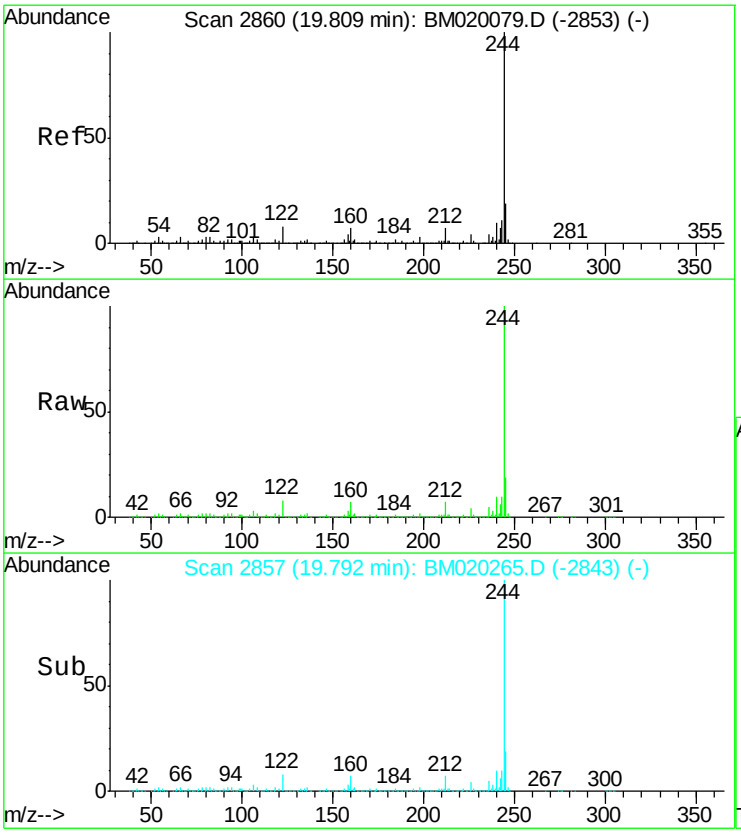
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.02 min
Lab File: BM020265.D
Acq: 11 May 2019 06:54

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:240 Resp: 536118

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.6	8.4
236	25.7	20.9	31.3

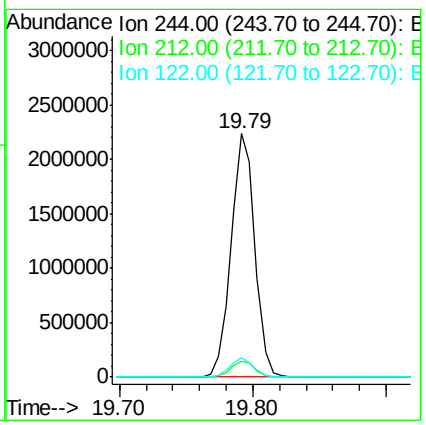


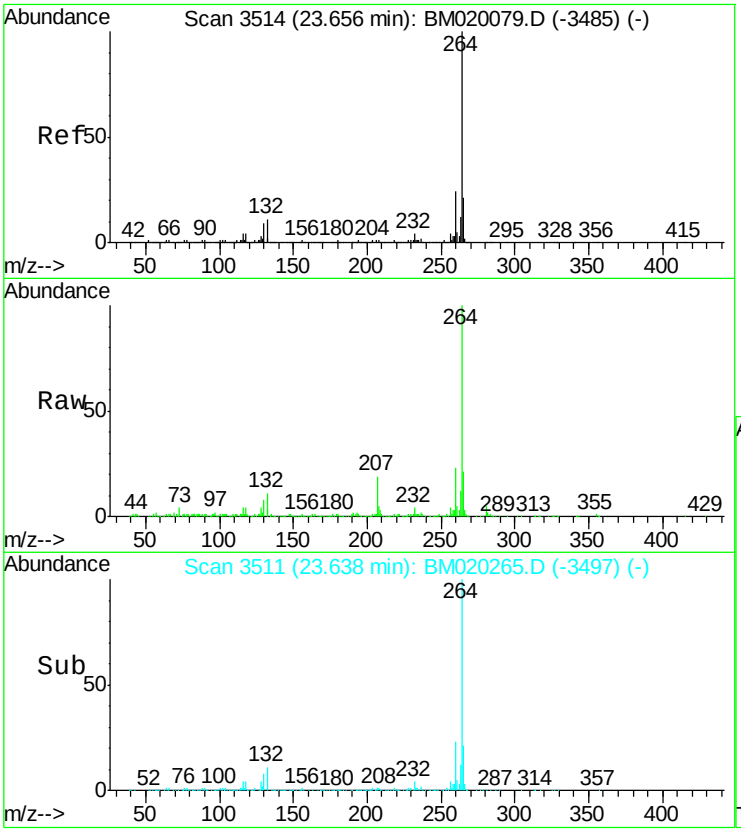


#79
Terphenyl-d14
Concen: 90.309 ng
RT: 19.79 min Scan# 2857
Delta R.T. -0.02 min
Lab File: BM020265.D
Acq: 11 May 2019 06:54

Tgt Ion:244 Resp: 2775817

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	8.0	6.2	9.2





#87
Perylene-d12
Concen: 20.000 ng
RT: 23.64 min Scan# 3511
Delta R.T. -0.02 min
Lab File: BM020265.D
Acq: 11 May 2019 06:54

Instrument :
BNA_M
ClientSampleId :
RBR-200052

Tgt Ion:264 Resp: 516357

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.4	16.9	25.3