Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050919\
Data File : BM020217.D
Acq On : 09 May 2019 15:03
Operator : JU/SJ
Sample : K2729-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : B-5

Quant Time: May 10 04:41:46 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	109915	20.00	ng	-0.02
21) Naphthalene-d8	10.57	136	380603	20.00	ng	-0.02
39) Acenaphthene-d10	14.42	164	226492	20.00	ng	-0.01
64) Phenanthrene-d10	17.17	188	537308	20.00	ng	-0.01
76) Chrysene-d12	21.36	240	574720	20.00	ng	-0.01
87) Perylene-d12	23.64	264	679004	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1038125	154.38	ng	0.00
7) Phenol-d6	6.95	99	1397234	152.10	ng	0.00
23) Nitrobenzene-d5	8.95	82	980917	101.75	ng	-0.01
42) 2,4,6-Tribromophenol	15.92	330	597933	170.08	ng	0.00
45) 2-Fluorobiphenyl	13.04	172	1751533	95.15	ng	-0.02
79) Terphenyl-d14	19.80	244	2829125	85.86	ng	-0.01
Target Compounds						Qvalue
10) Phenol	6.97	94	21662	2.190	ng	# 78
50) Dimethylphthalate	13.88	163	207681	10.789	ng	97

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

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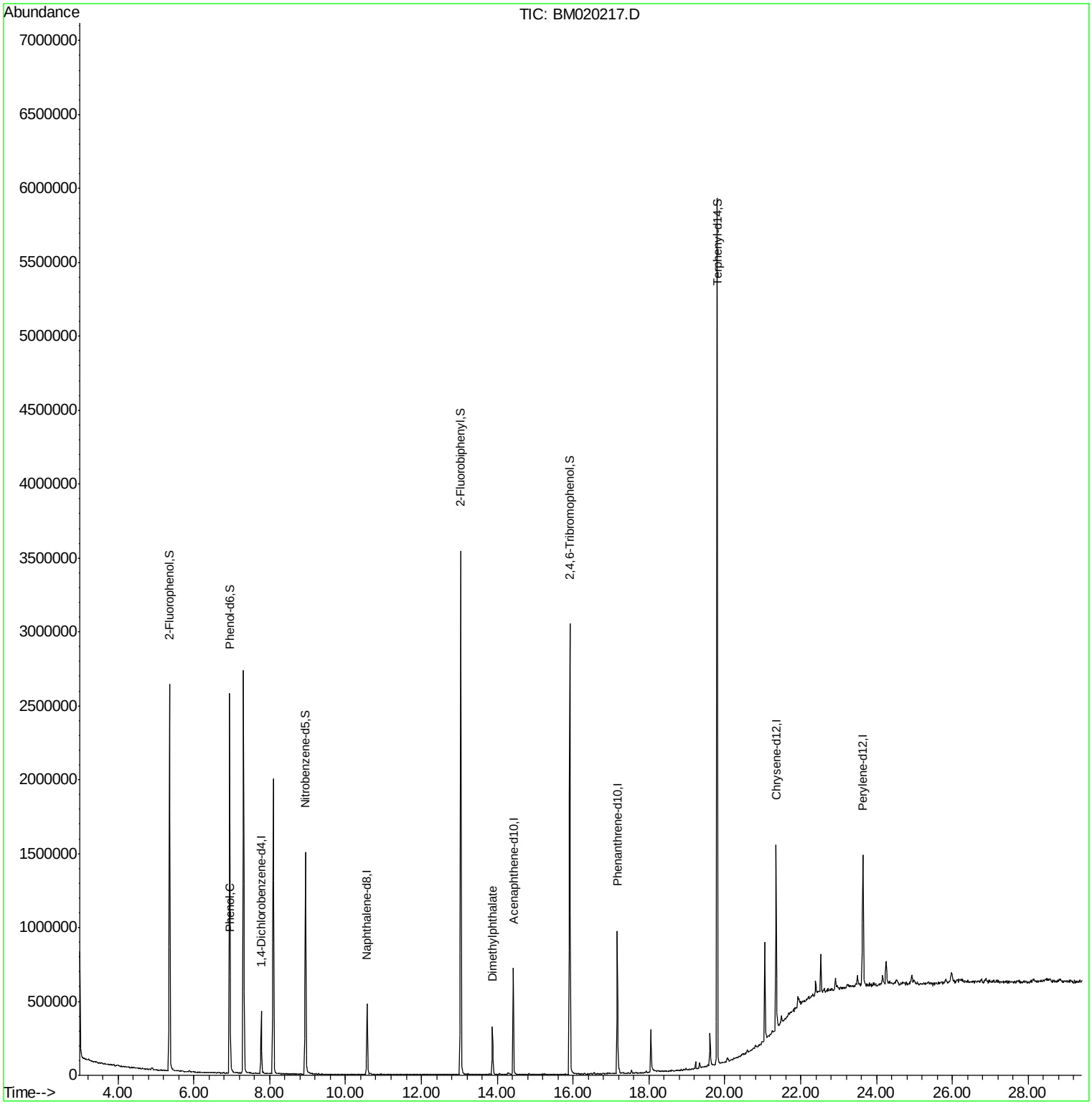
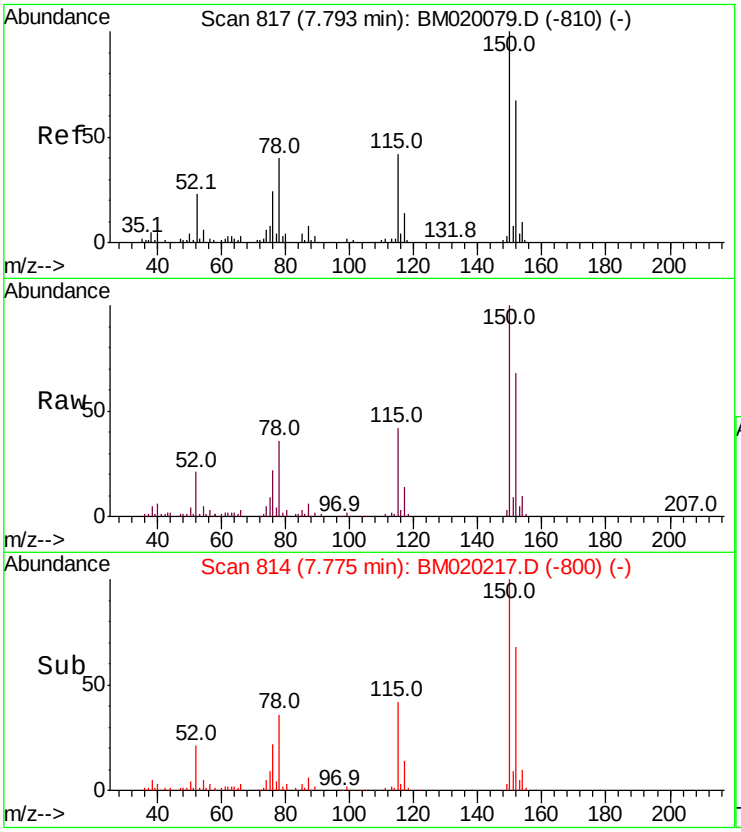


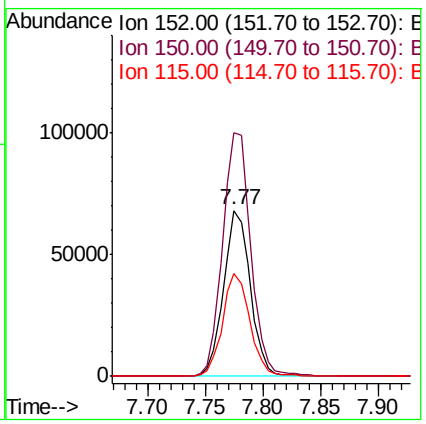


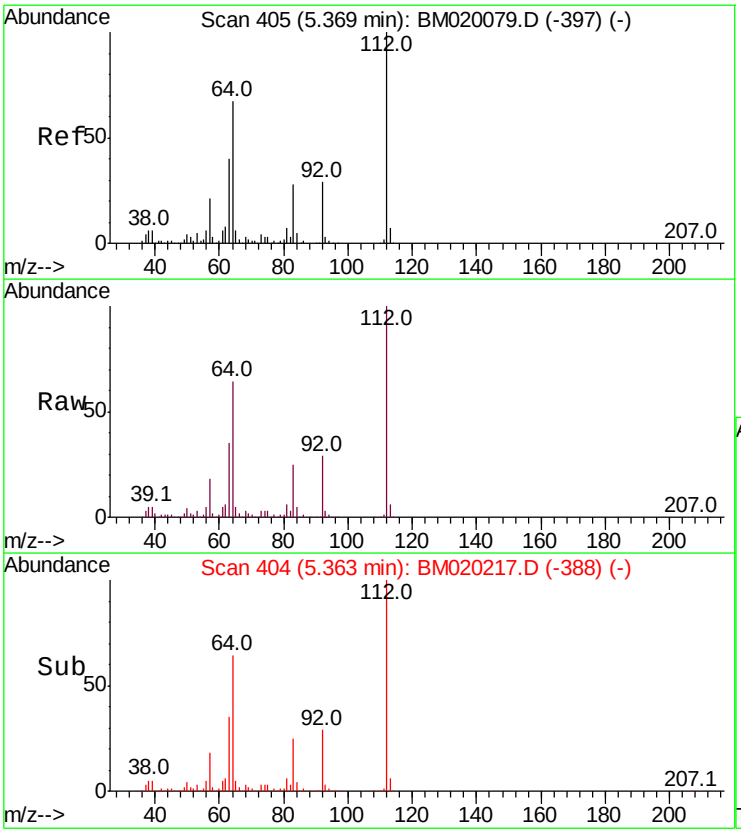
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.77 min Scan# 814
Delta R.T. -0.02 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Instrument :
BNA_M
ClientSampleId :
B-5

Tgt Ion:152 Resp: 109915

Ion	Ratio	Lower	Upper
152	100		
150	146.9	119.8	179.8
115	62.1	50.8	76.2

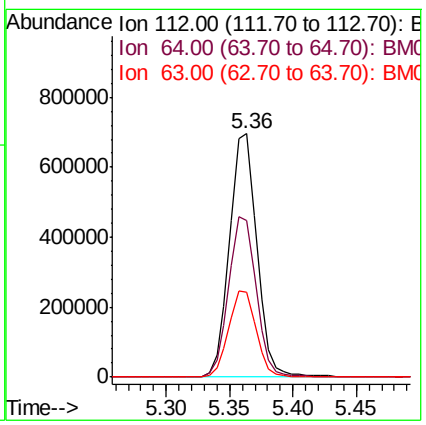


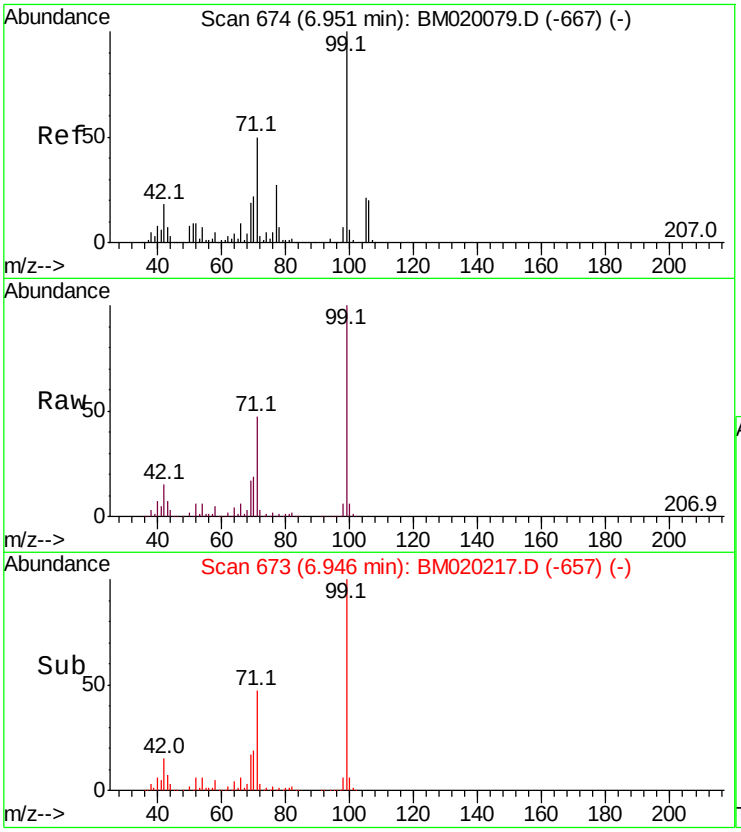


#5
2-Fluorophenol
Concen: 154.384 ng
RT: 5.36 min Scan# 404
Delta R.T. -0.01 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Tgt Ion:112 Resp: 1038125

Ion	Ratio	Lower	Upper
112	100		
64	64.2	53.8	80.6
63	35.0	32.3	48.5



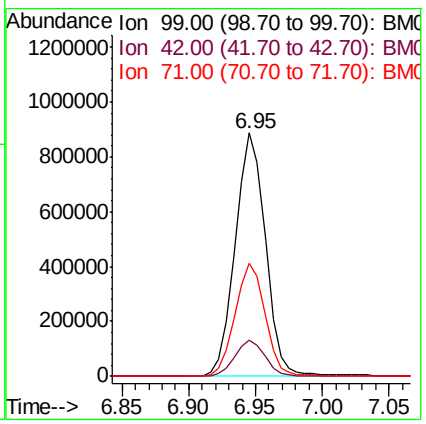


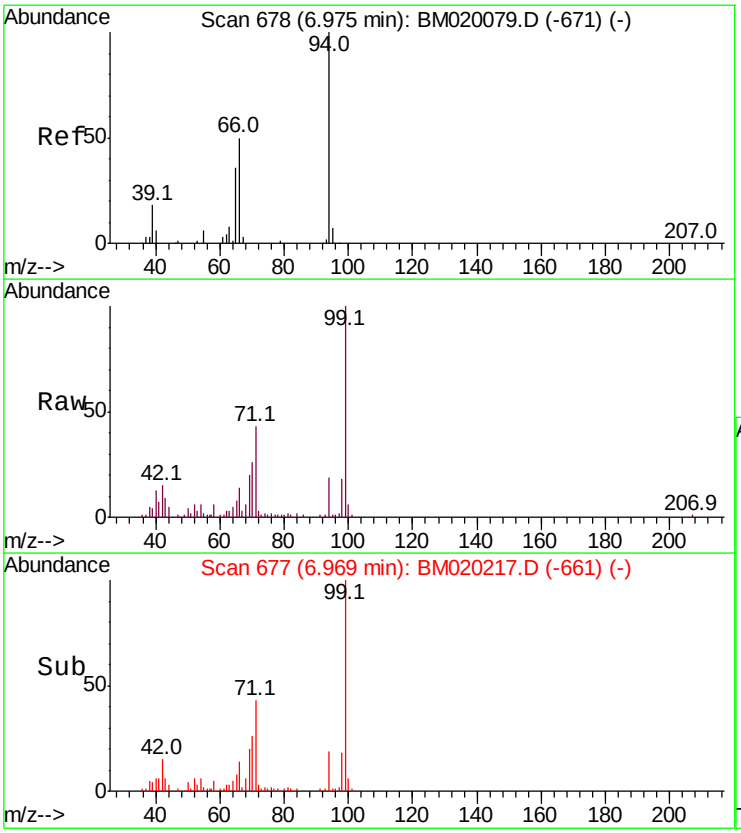
#7
Phenol-d6
Concen: 152.099 ng
RT: 6.95 min Scan# 673
Delta R.T. -0.01 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Instrument :
BNA_M
ClientSampleId :
B-5

Tgt Ion: 99 Resp: 1397234

Ion	Ratio	Lower	Upper
99	100		
42	14.9	14.2	21.2
71	46.5	40.3	60.5

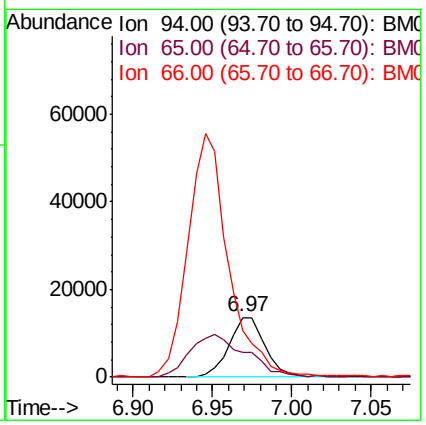


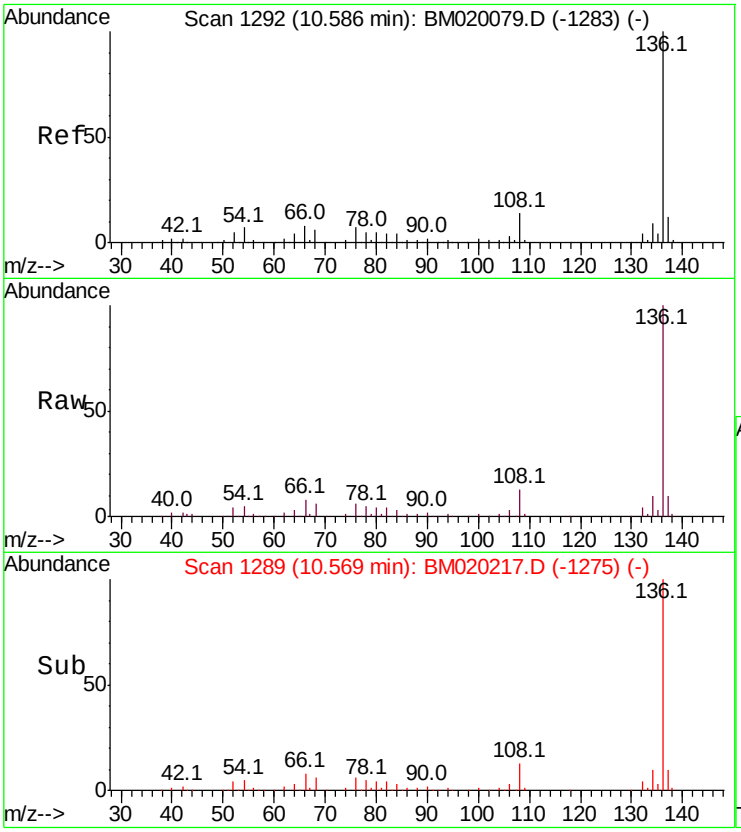


#10
Phenol
Concen: 2.190 ng
RT: 6.97 min Scan# 677
Delta R.T. -0.01 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Tgt Ion: 94 Resp: 21662

Ion	Ratio	Lower	Upper
94	100		
65	41.3	17.0	57.0
66	77.6	34.5	74.5#



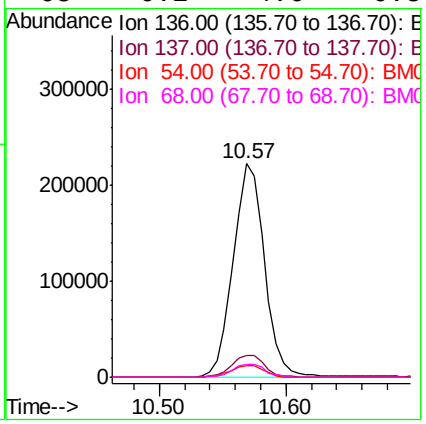


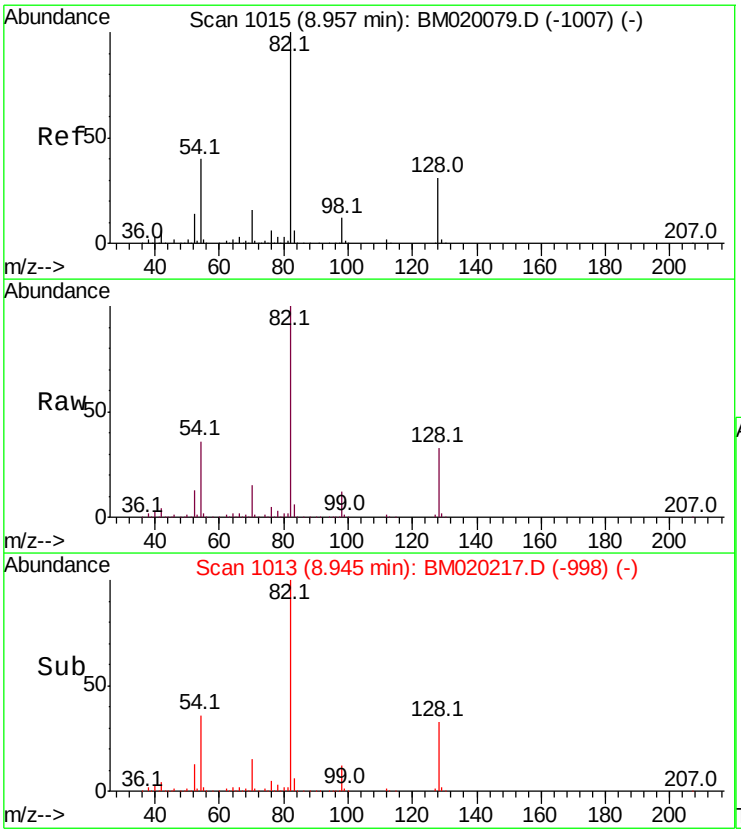
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.57 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Instrument :
BNA_M
ClientSampleId :
B-5

Tgt Ion:136 Resp: 380603

Ion	Ratio	Lower	Upper
136	100		
137	10.5	9.6	14.4
54	5.4	5.5	8.3#
68	6.2	4.6	6.8

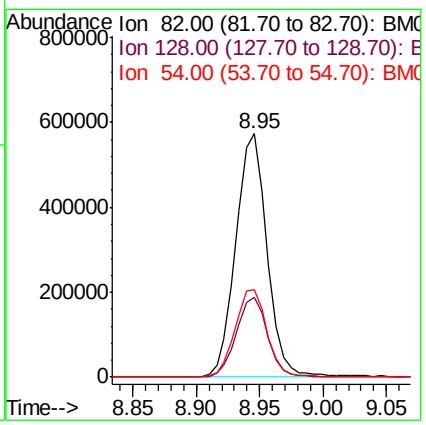


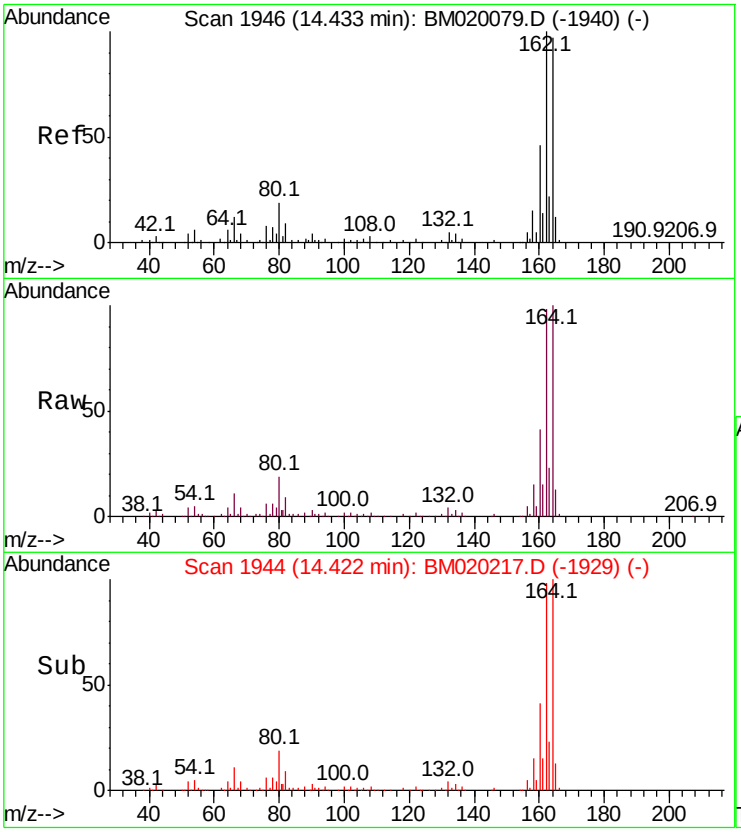


#23
Nitrobenzene-d5
Concen: 101.751 ng
RT: 8.95 min Scan# 1013
Delta R.T. -0.01 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Tgt Ion: 82 Resp: 980917

Ion	Ratio	Lower	Upper
82	100		
128	32.6	25.2	37.8
54	36.0	31.9	47.9



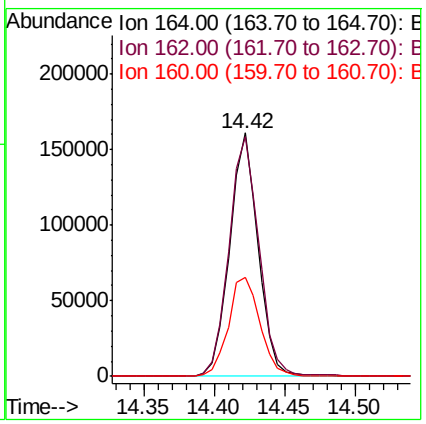


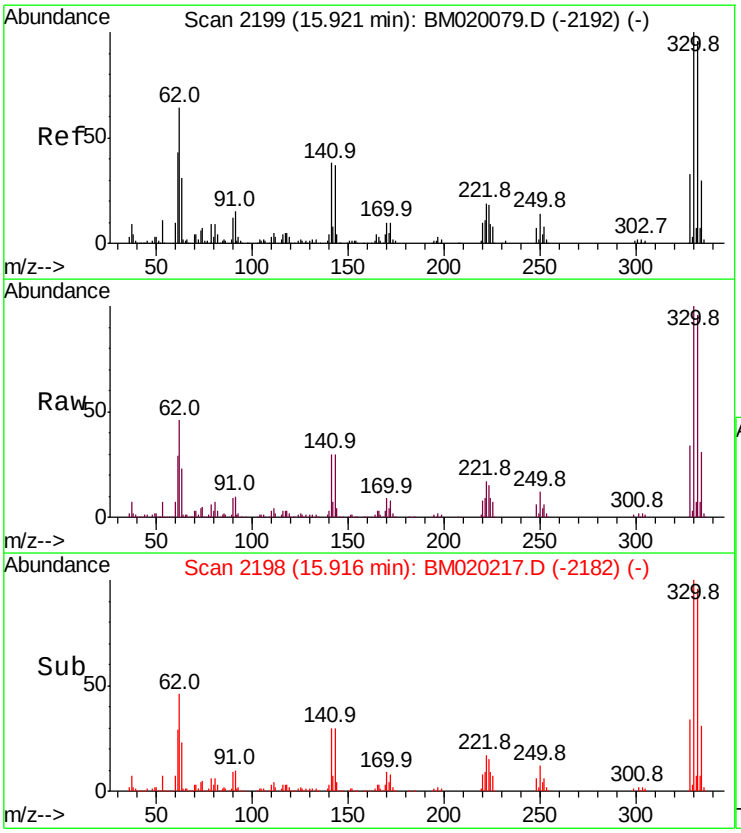
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.42 min Scan# 1944
Delta R.T. -0.01 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Instrument :
BNA_M
ClientSampleId :
B-5

Tgt Ion:164 Resp: 226492

Ion	Ratio	Lower	Upper
164	100		
162	98.5	82.2	123.2
160	40.9	37.6	56.4

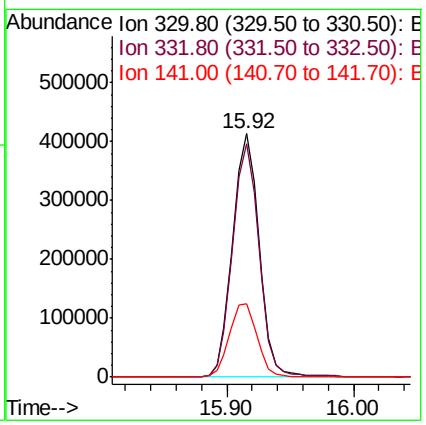


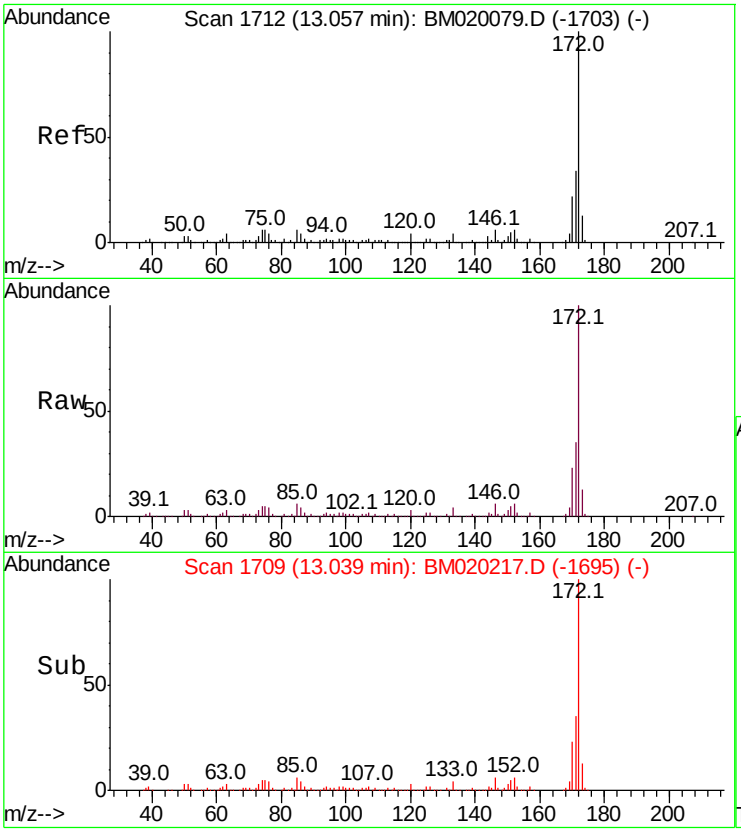


#42
2,4,6-Tribromophenol
Concen: 170.081 ng
RT: 15.92 min Scan# 2198
Delta R.T. -0.01 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Tgt Ion:330 Resp: 597933

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	31.9	29.2	43.8



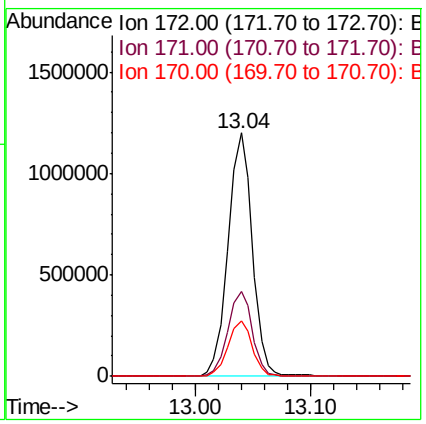


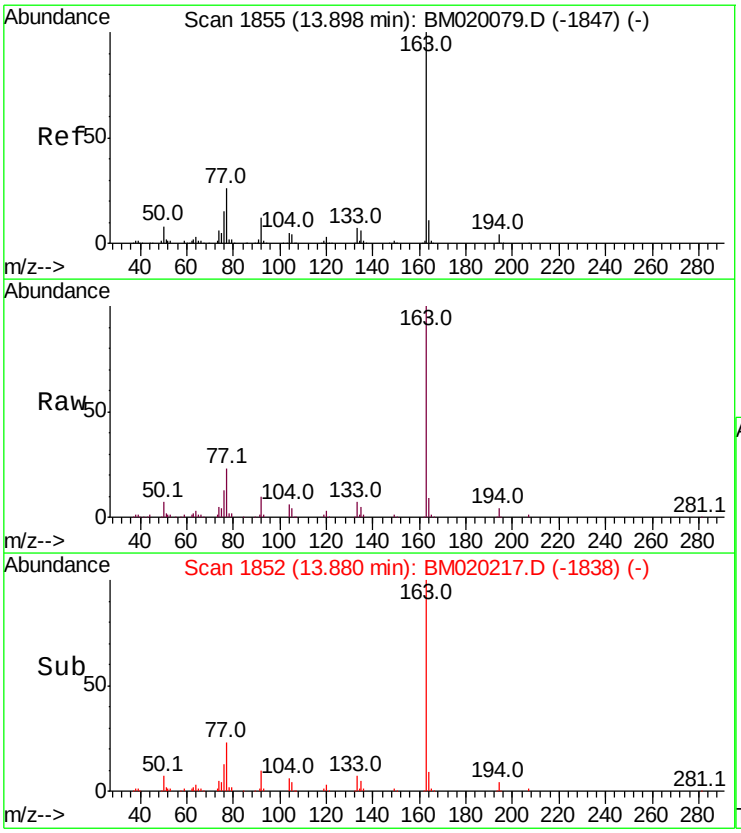
#45
2-Fluorobiphenyl
Concen: 95.148 ng
RT: 13.04 min Scan# 1709
Delta R.T. -0.02 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Instrument :
BNA_M
ClientSampleId :
B-5

Tgt Ion:172 Resp: 1751533

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.3	40.9
170	22.6	17.9	26.9

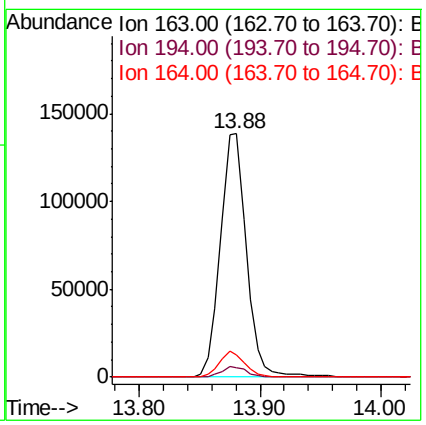


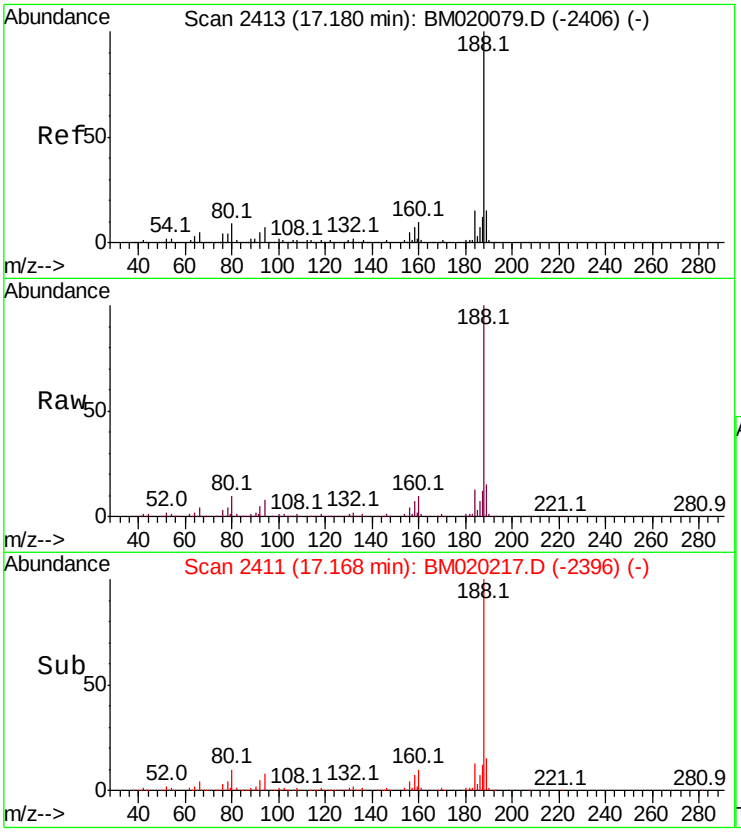


#50
Dimethylphthalate
Concen: 10.789 ng
RT: 13.88 min Scan# 1852
Delta R.T. -0.02 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Tgt Ion:163 Resp: 207681

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.6	5.4
164	8.9	8.4	12.6



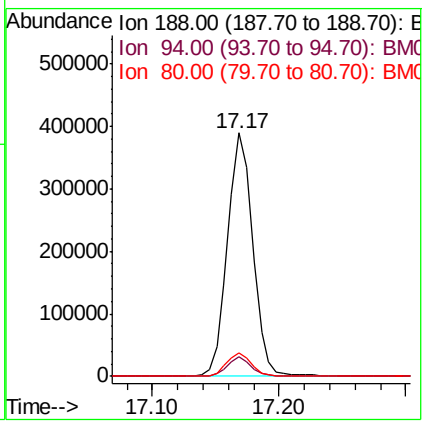


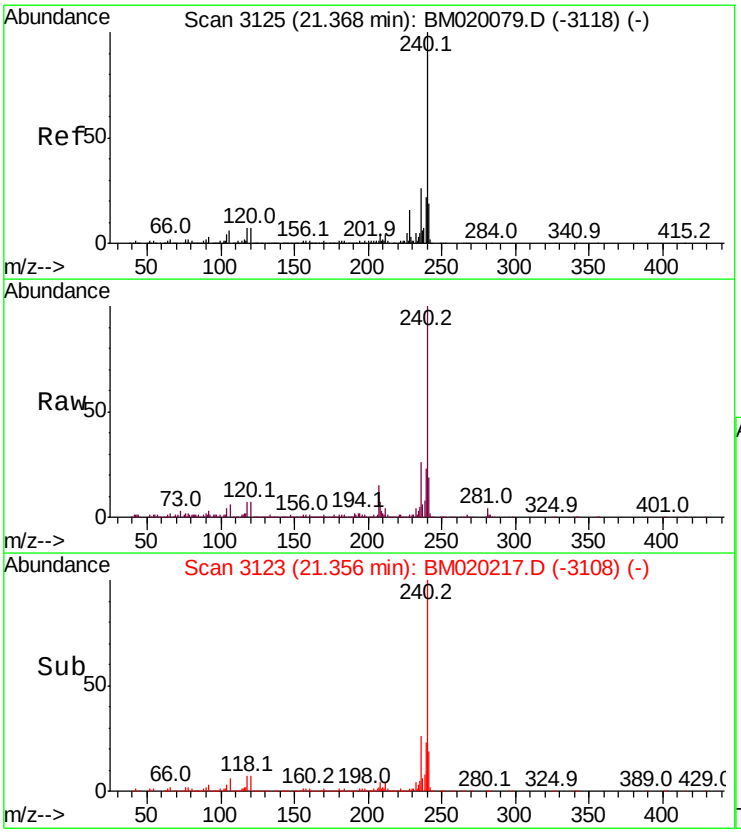
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.17 min Scan# 2411
Delta R.T. -0.01 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Instrument :
BNA_M
ClientSampleId :
B-5

Tgt Ion:188 Resp: 537308

Ion	Ratio	Lower	Upper
188	100		
94	7.8	5.8	8.6
80	9.7	7.4	11.2

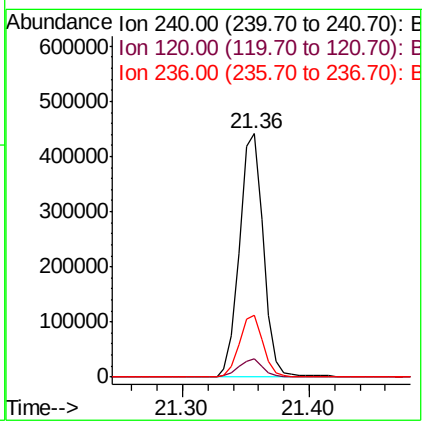


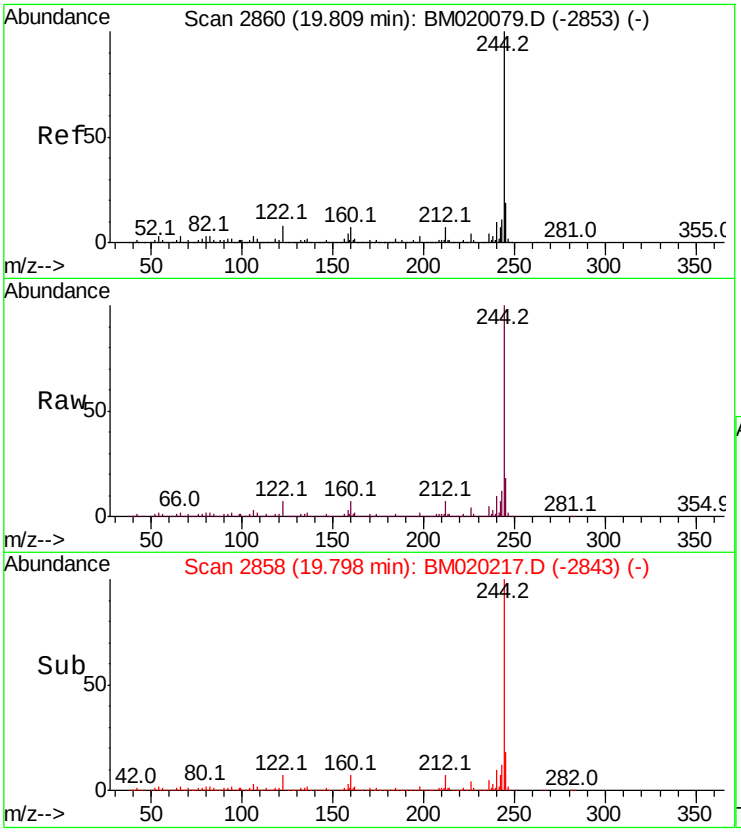


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.36 min Scan# 3123
Delta R.T. -0.01 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Tgt Ion:240 Resp: 574720

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.6	8.4
236	25.6	20.9	31.3



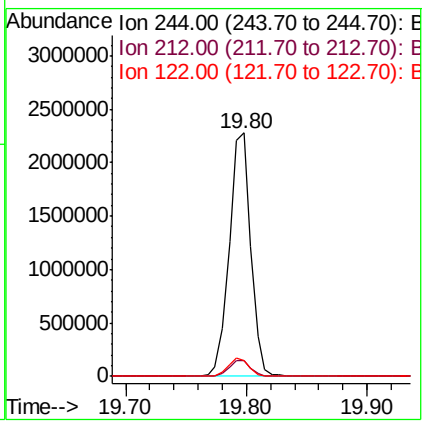


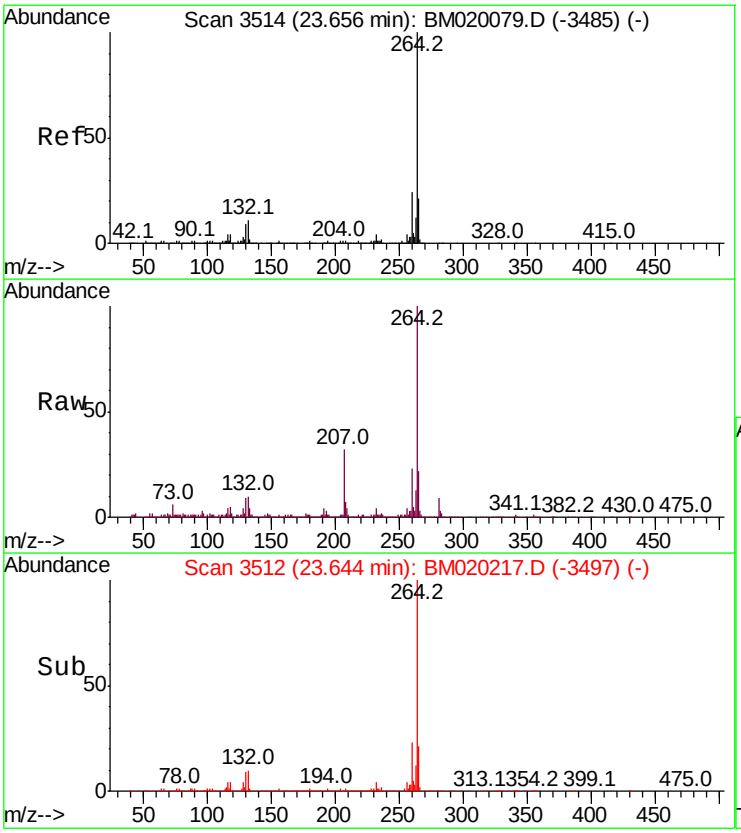
#79
Terphenyl-d14
Concen: 85.861 ng
RT: 19.80 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BM020217.D
Acq: 09 May 2019 15:03

Instrument :
BNA_M
ClientSampleId :
B-5

Tgt Ion:244 Resp: 2829125

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	6.7	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: BM020217.D
Acq: 09 May 2019 15:03

Tgt Ion:264 Resp: 679004

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.2	28.8
265	22.2	16.9	25.3