Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020189.D
Acq On : 08 May 2019 07:06
Operator : JU/SJ
Sample : K2673-08DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: May 08 07:41:51 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	142131	20.00	ng		0.00
21) Naphthalene-d8	10.59	136	552439	20.00	ng		0.00
39) Acenaphthene-d10	14.43	164	323108	20.00	ng		0.00
64) Phenanthrene-d10	17.19	188	703318	20.00	ng		0.00
76) Chrysene-d12	21.37	240	681625	20.00	ng		0.00
87) Perylene-d12	23.66	264	819881	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	131670	15.14	ng		0.00
7) Phenol-d6	6.96	99	185152	15.59	ng		0.00
23) Nitrobenzene-d5	8.96	82	128484	9.18	ng		0.00
42) 2,4,6-Tribromophenol	15.93	330	72036	14.36	ng		0.00
45) 2-Fluorobiphenyl	13.05	172	245321	9.34	ng		0.00
79) Terphenyl-d14	19.80	244	320300	8.20	ng		0.00
Target Compounds							Qvalue
31) Naphthalene	10.63	128	77228	2.694	ng		98
32) Benzoic acid	9.82	122	146	6.635	ng	#	29
49) Acenaphthylene	14.16	152	128229	3.773	ng		97
55) Dibenzofuran	14.83	168	75313	2.291	ng		96
71) Phenanthrene	17.23	178	1167451	30.071	ng		99
72) Anthracene	17.32	178	122452	3.155	ng		98
73) Carbazole	17.59	167	91010	2.598	ng		99
75) Fluoranthene	19.24	202	1494771	30.430	ng		99
78) Pyrene	19.61	202	1241549	27.130	ng		100
81) Benzo(a)anthracene	21.35	228	479649	10.034	ng		99
83) Chrysene	21.40	228	545158	11.759	ng		97
86) Indeno(1,2,3-cd)pyrene	25.99	276	402689	7.303	ng	#	100
88) Benzo(b)fluoranthene	22.97	252	1018425	18.811	ng		98
89) Benzo(k)fluoranthene	22.97	252	1021153	20.677	ng	#	98
90) Benzo(a)pyrene	23.56	252	517257	10.518	ng	#	93
92) Benzo(g,h,i)perylene	26.71	276	377723	7.779	ng		99

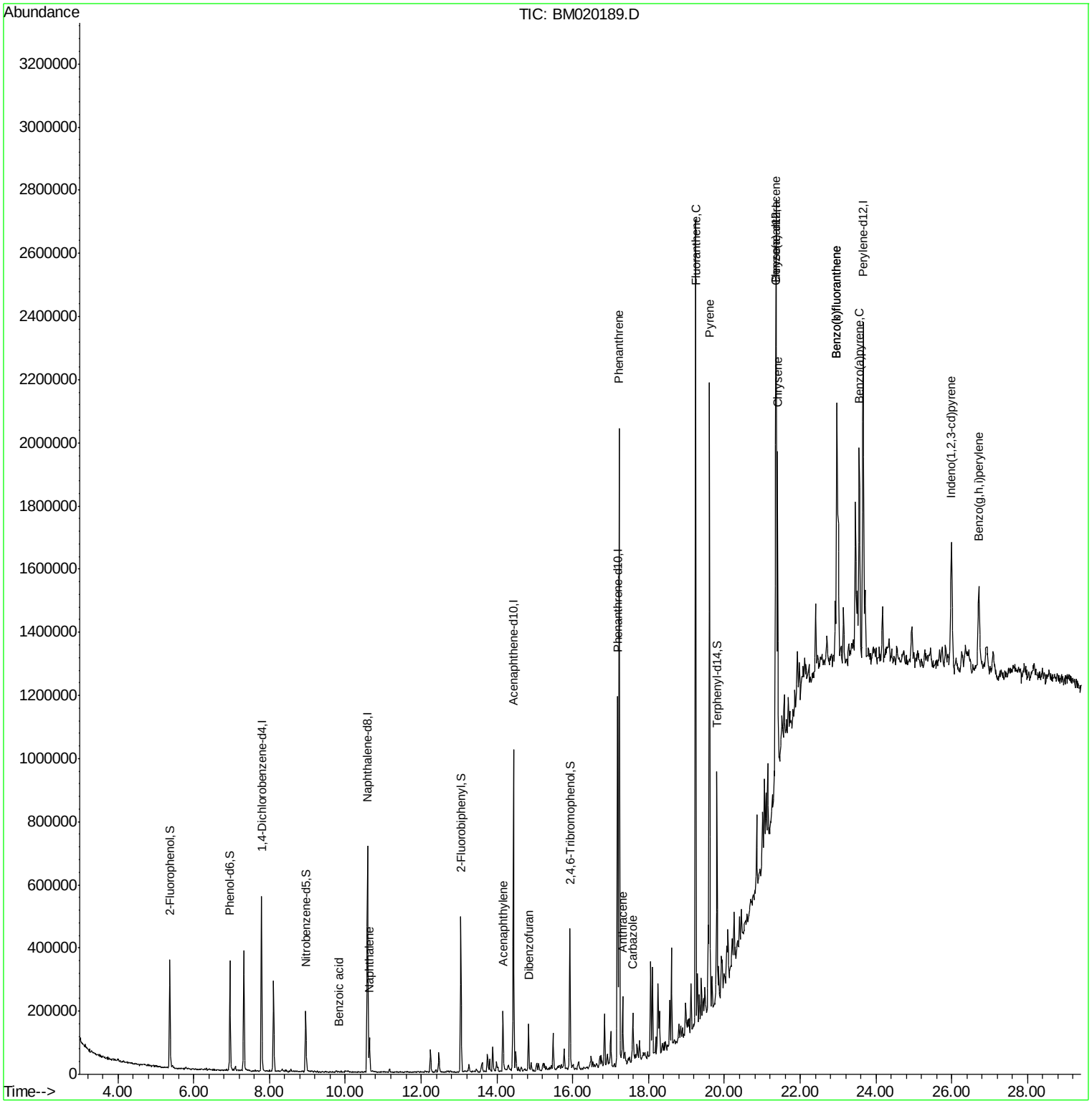
(#) = qualifier out of range (m) = manual integration (+) = signals summed

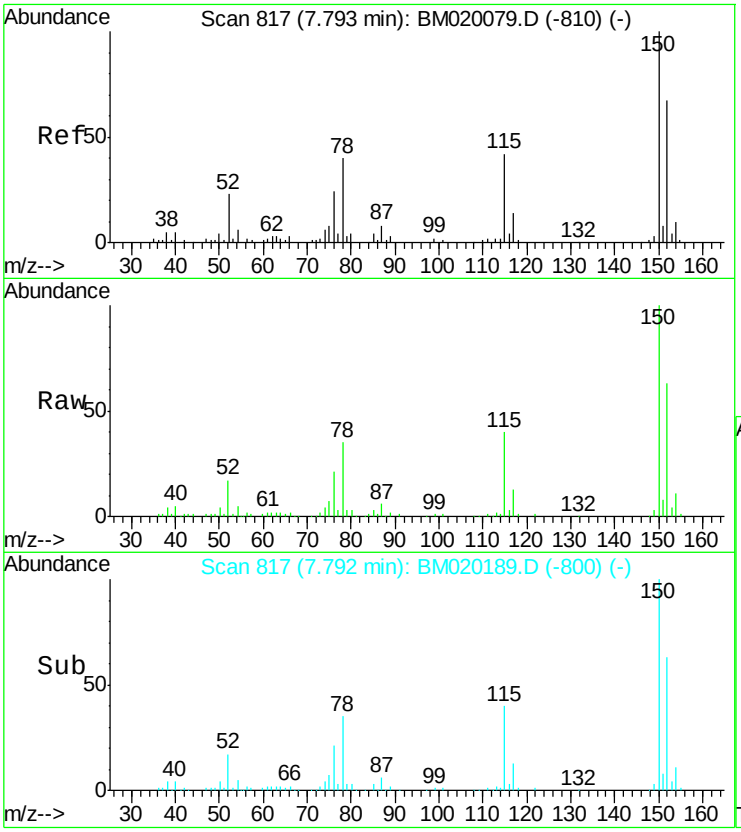
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050719\
Data File : BM020189.D
Acq On : 08 May 2019 07:06
Operator : JU/SJ
Sample : K2673-08DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: May 08 07:41:51 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



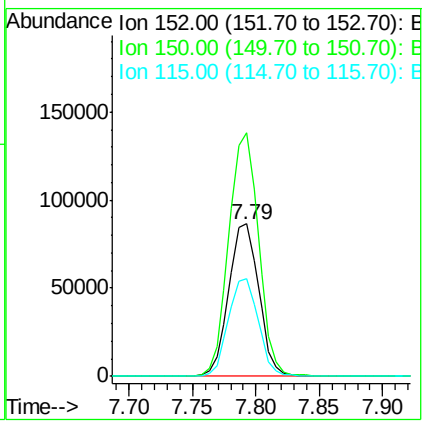


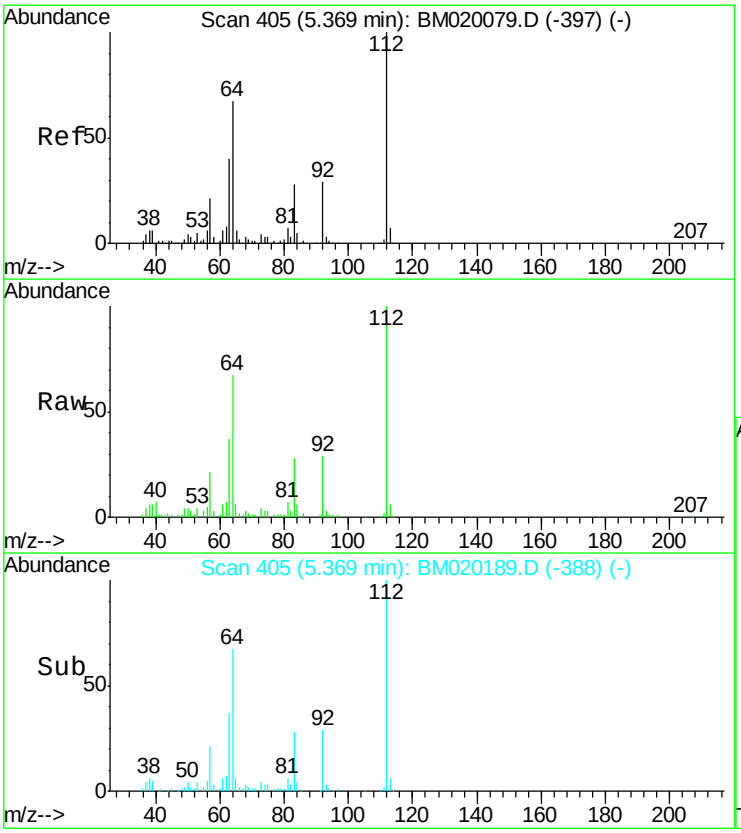
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.79 min Scan# 817
Delta R.T. -0.00 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 142131

Ion	Ratio	Lower	Upper
152	100		
150	159.5	119.8	179.8
115	64.4	50.8	76.2

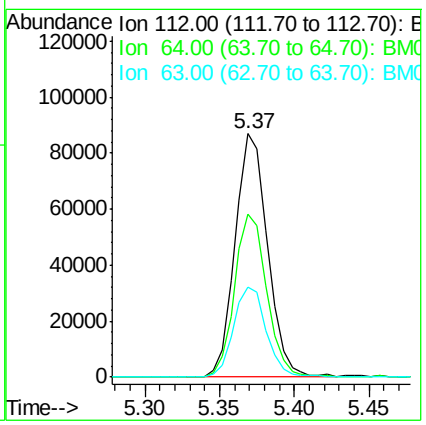


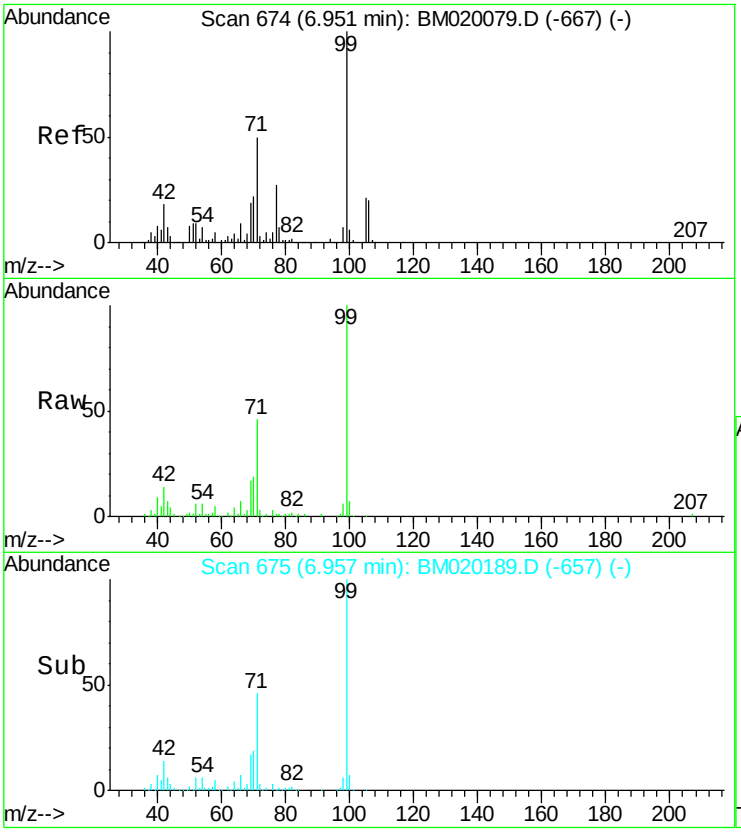


#5
2-Fluorophenol
Concen: 15.143 ng
RT: 5.37 min Scan# 405
Delta R.T. -0.00 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:112 Resp: 131670

Ion	Ratio	Lower	Upper
112	100		
64	66.7	53.8	80.6
63	37.2	32.3	48.5



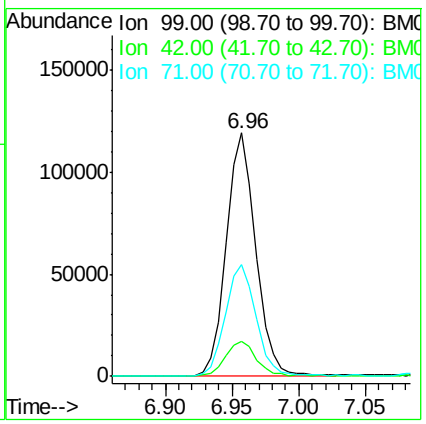


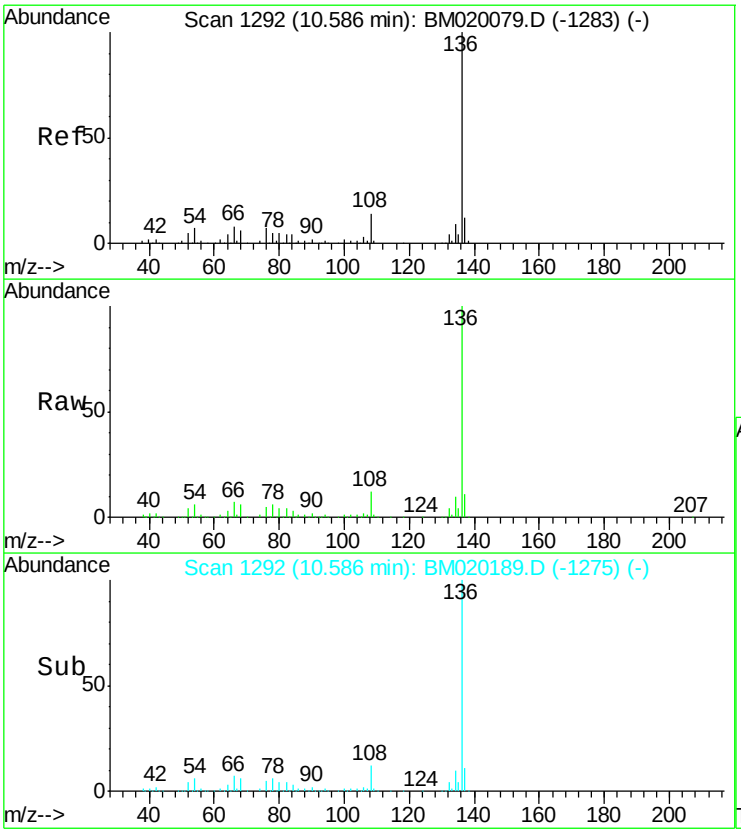
#7
Phenol-d6
Concen: 15.587 ng
RT: 6.96 min Scan# 675
Delta R.T. 0.01 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 99 Resp: 185152

Ion	Ratio	Lower	Upper
99	100		
42	14.2	14.2	21.2
71	45.9	40.3	60.5

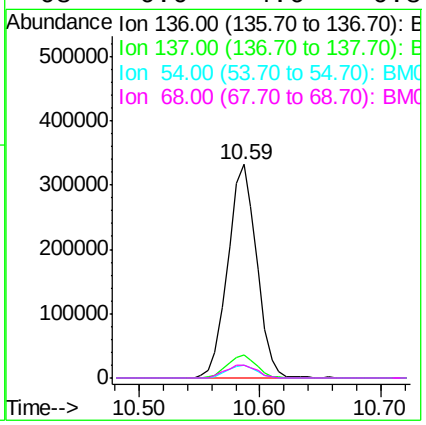


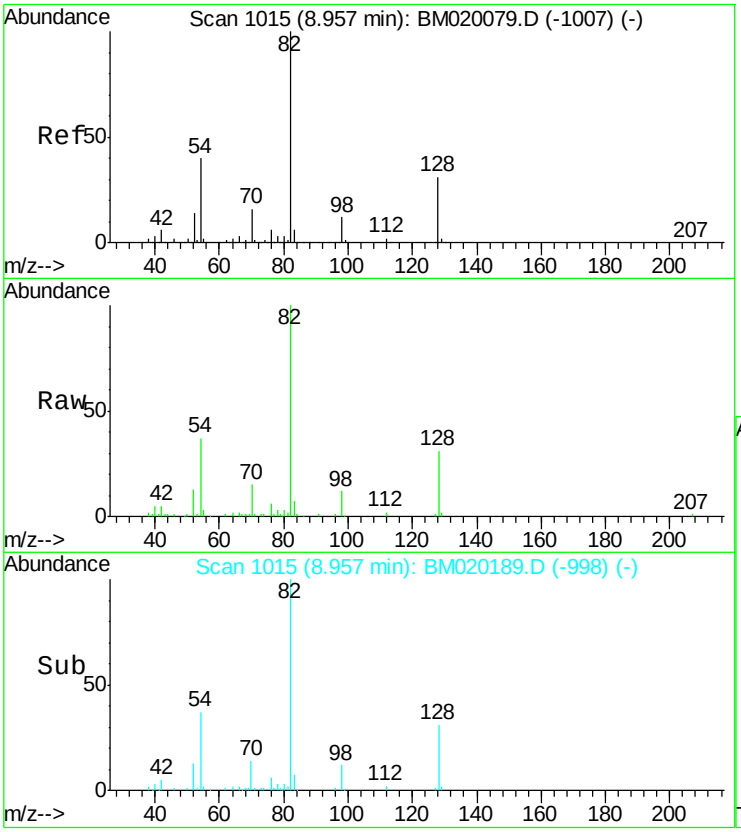


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.59 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:136 Resp: 552439

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.6	14.4
54	5.8	5.5	8.3
68	6.0	4.6	6.8



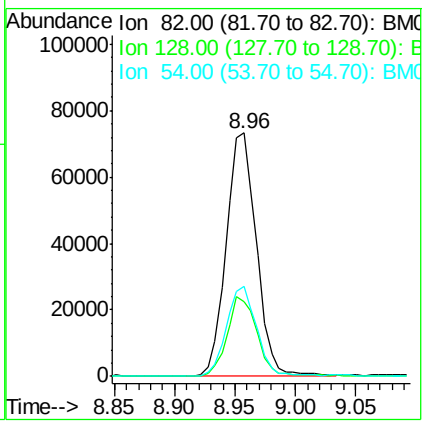


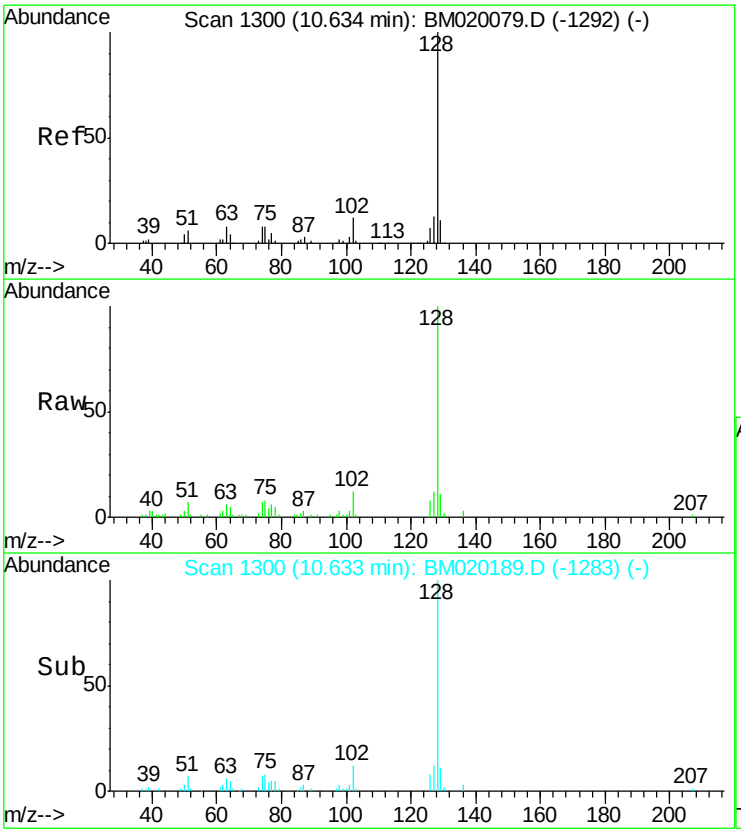
#23
Nitrobenzene-d5
Concen: 9.182 ng
RT: 8.96 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 128484

Ion	Ratio	Lower	Upper
82	100		
128	30.9	25.2	37.8
54	37.2	31.9	47.9

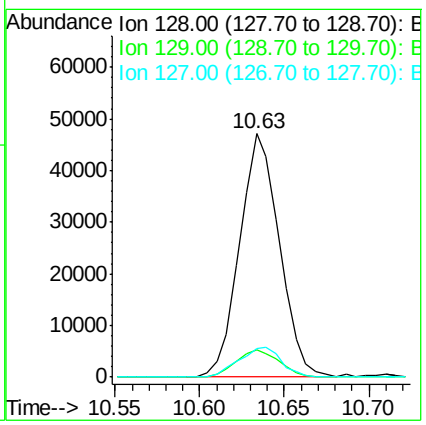


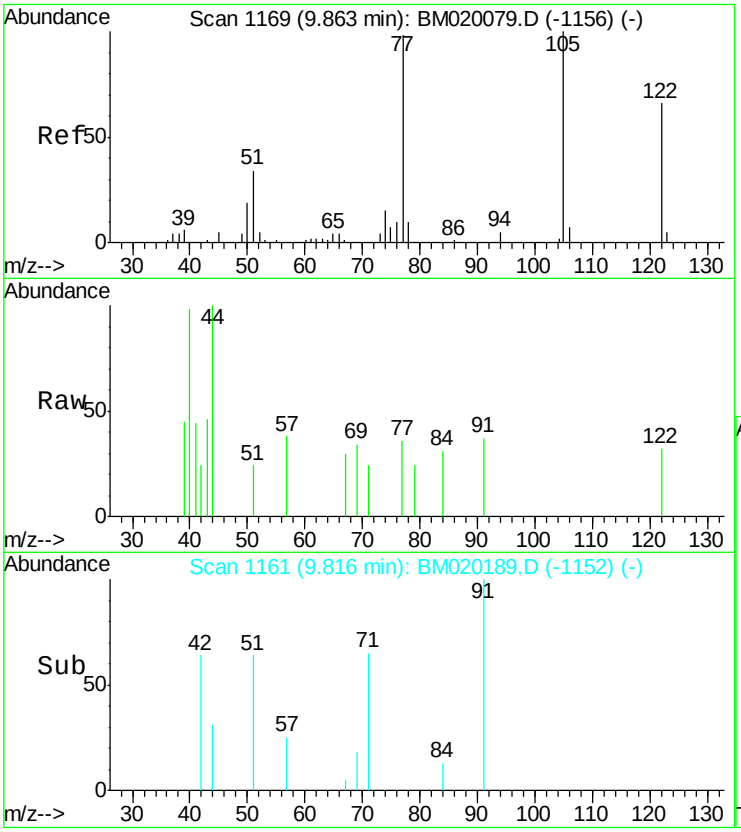


#31
Naphthalene
Concen: 2.694 ng
RT: 10.63 min Scan# 1300
Delta R.T. -0.00 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:128 Resp: 77228

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.4
127	12.0	10.4	15.6



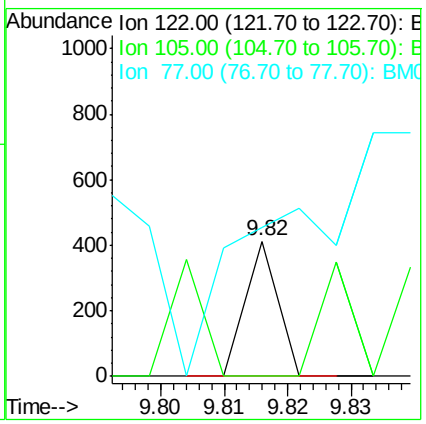


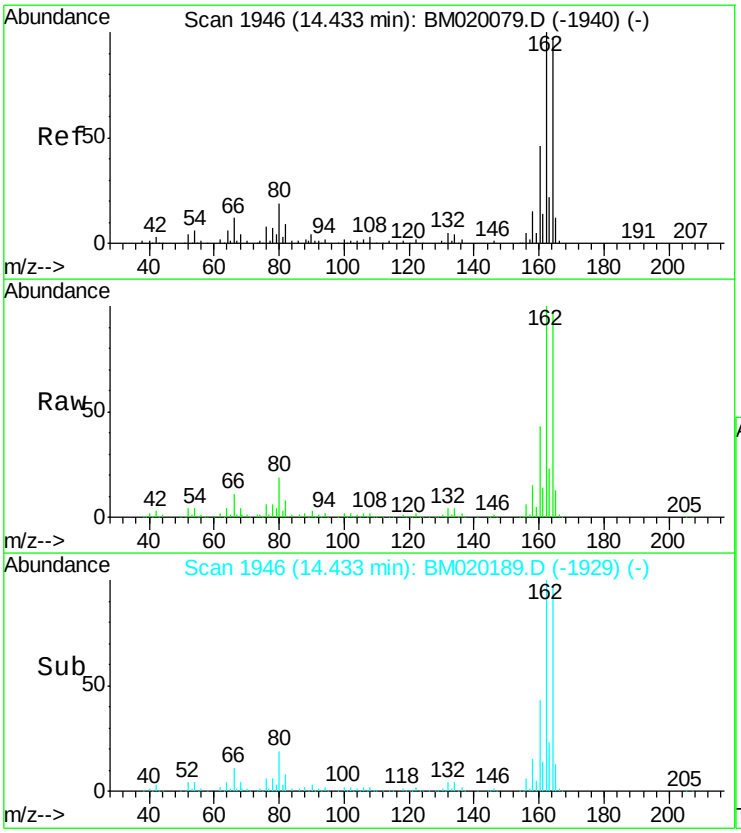
#32
Benzoic acid
Concen: 6.635 ng
RT: 9.82 min Scan# 1161
Delta R.T. -0.05 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:122 Resp: 146

Ion	Ratio	Lower	Upper
122	100		
105	0.0	122.5	162.5#
77	110.2	123.3	163.3#

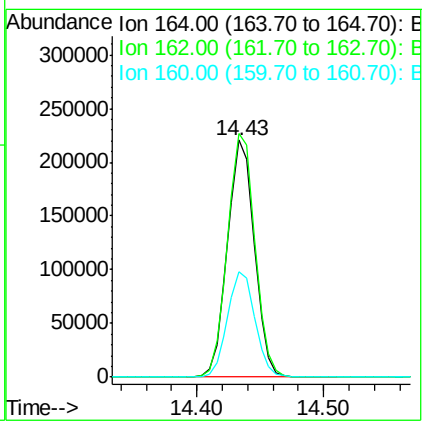


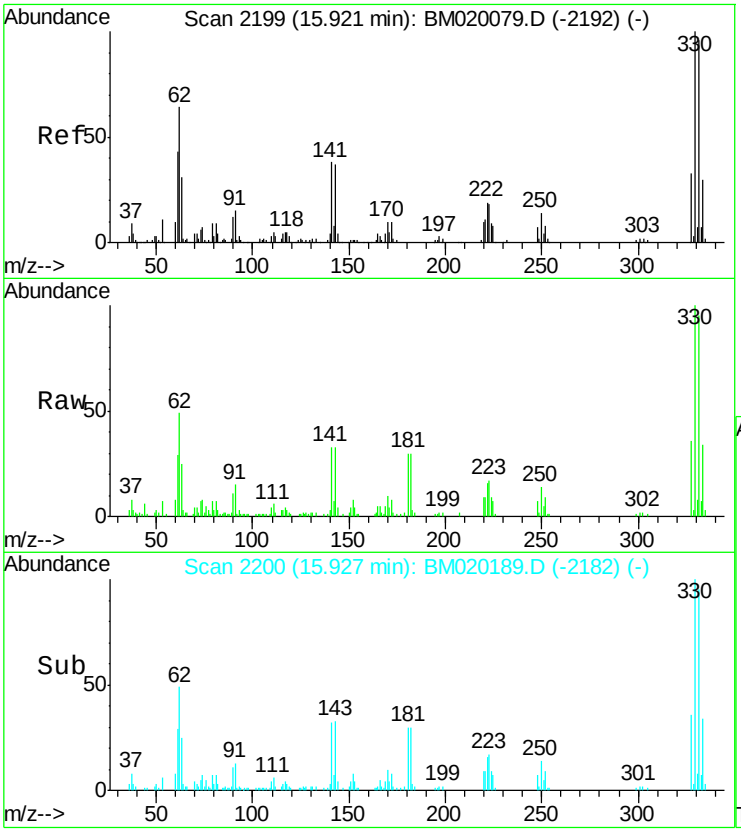


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.43 min Scan# 1946
Delta R.T. -0.00 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:164 Resp: 323108

Ion	Ratio	Lower	Upper
164	100		
162	102.7	82.2	123.2
160	44.6	37.6	56.4



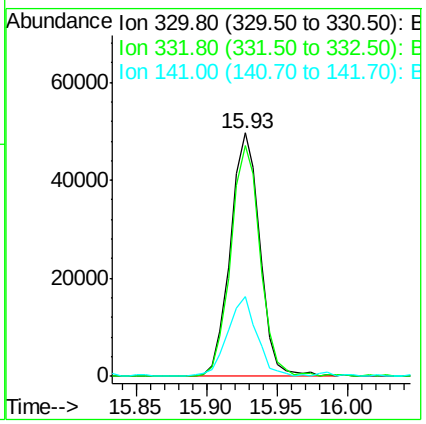


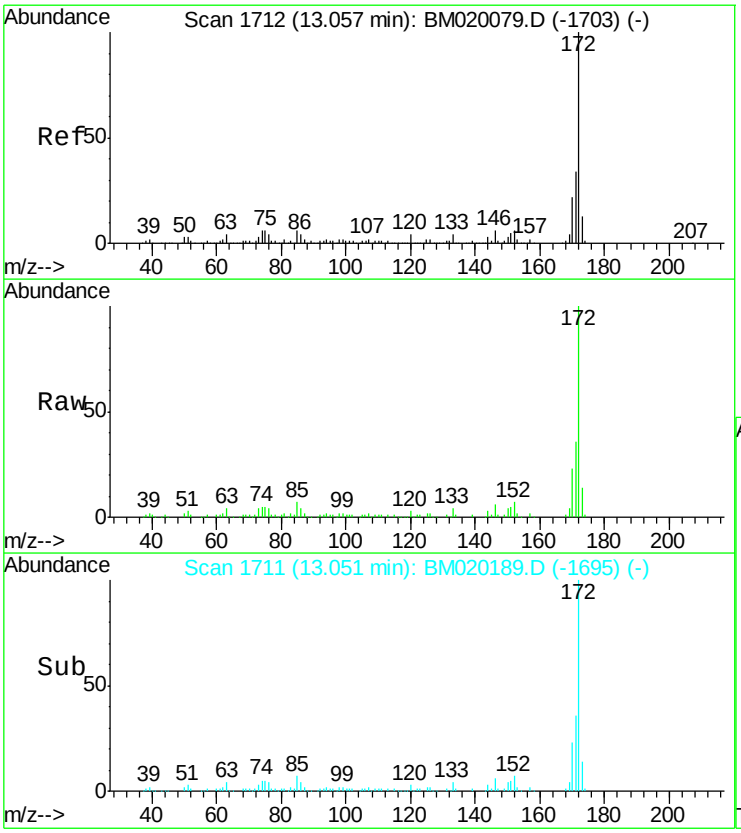
#42
2,4,6-Tribromophenol
Concen: 14.363 ng
RT: 15.93 min Scan# 2200
Delta R.T. 0.01 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:330 Resp: 72036

Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.8	115.2
141	32.7	29.2	43.8

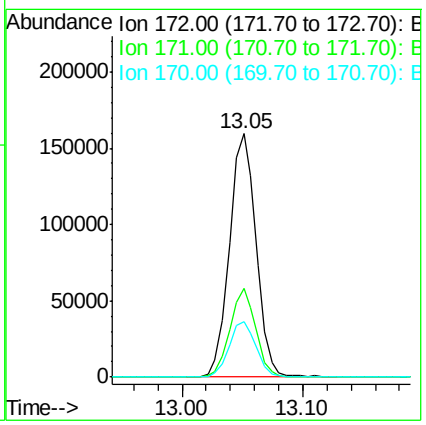


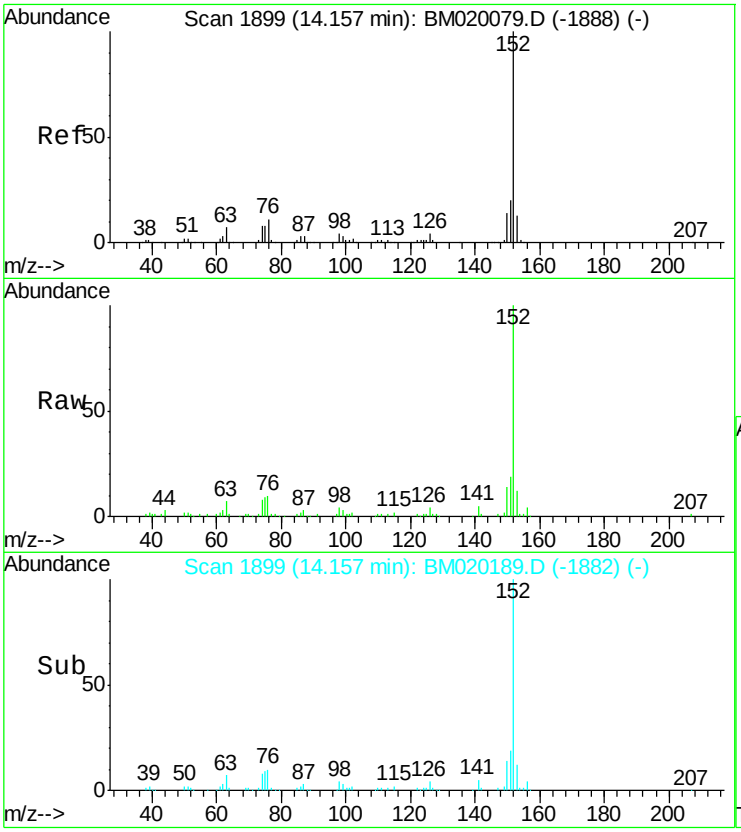


#45
2-Fluorobiphenyl
Concen: 9.342 ng
RT: 13.05 min Scan# 1711
Delta R.T. -0.01 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:172 Resp: 245321

Ion	Ratio	Lower	Upper
172	100		
171	36.2	27.3	40.9
170	22.9	17.9	26.9



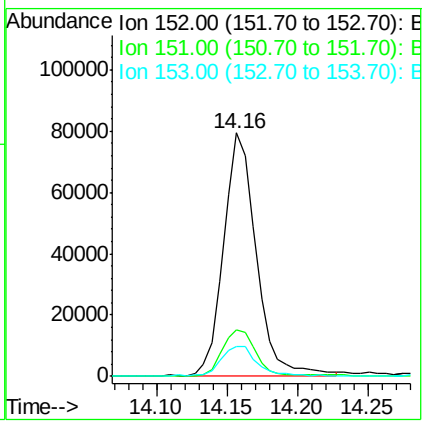


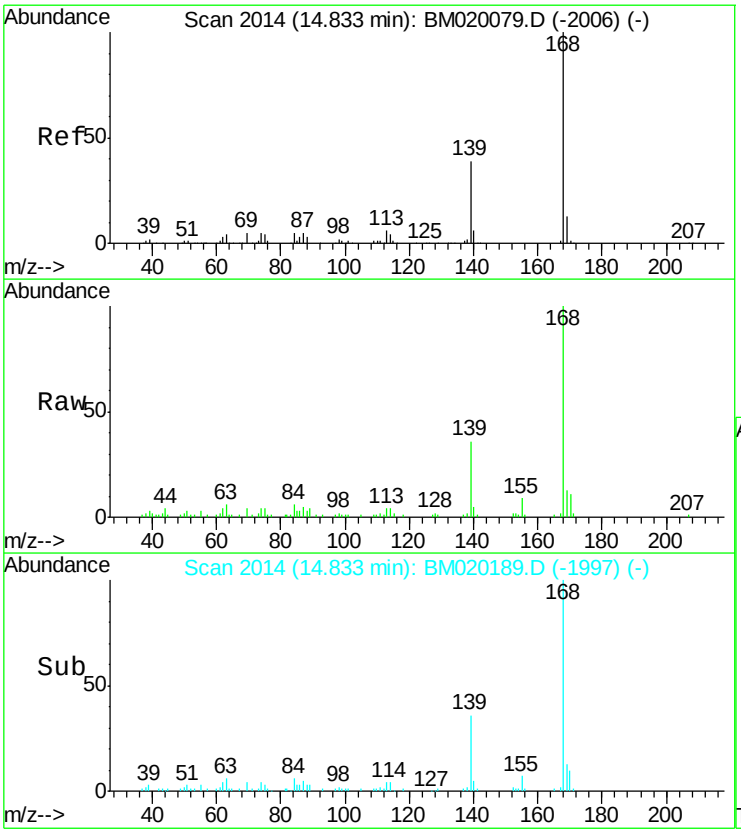
#49
Acenaphthylene
Concen: 3.773 ng
RT: 14.16 min Scan# 1899
Delta R.T. -0.00 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 128229

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	12.1	10.6	16.0

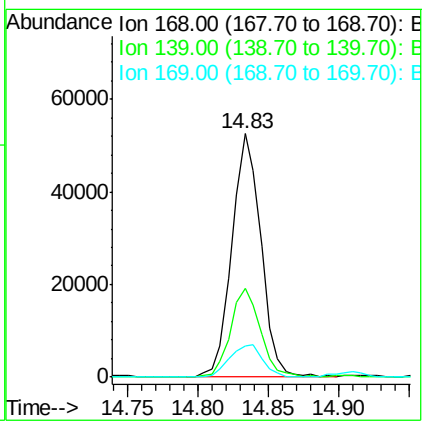


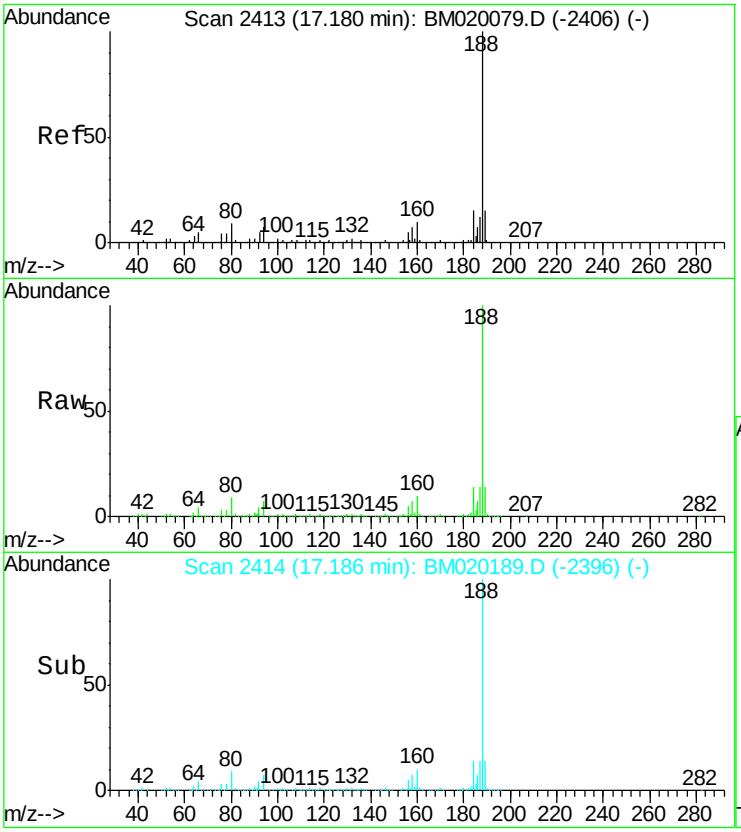


#55
Dibenzofuran
Concen: 2.291 ng
RT: 14.83 min Scan# 2014
Delta R.T. -0.00 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:168 Resp: 75313

Ion	Ratio	Lower	Upper
168	100		
139	36.3	31.1	46.7
169	12.7	10.6	16.0



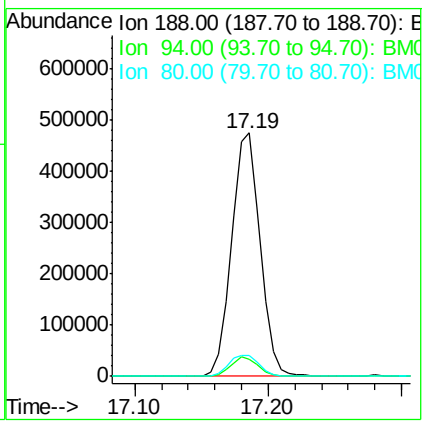


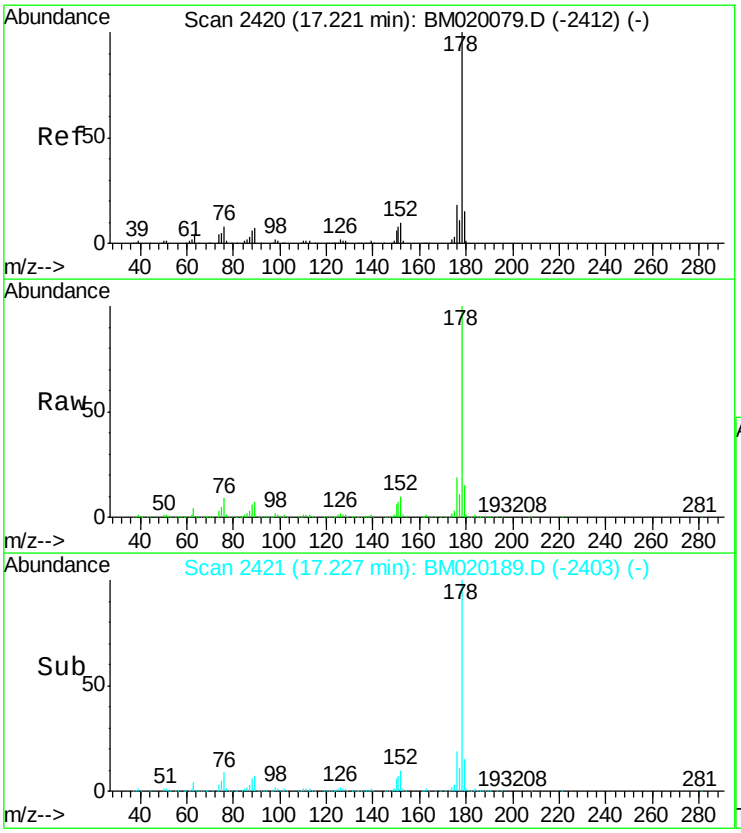
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.19 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 703318

Ion	Ratio	Lower	Upper
188	100		
94	7.2	5.8	8.6
80	8.6	7.4	11.2

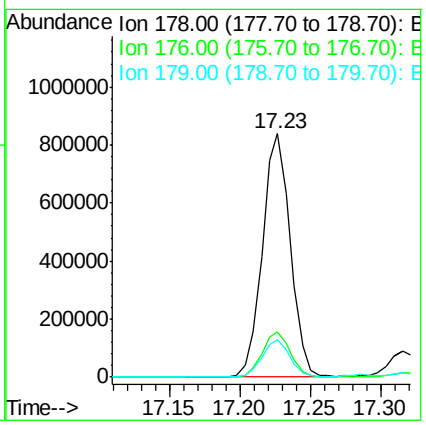


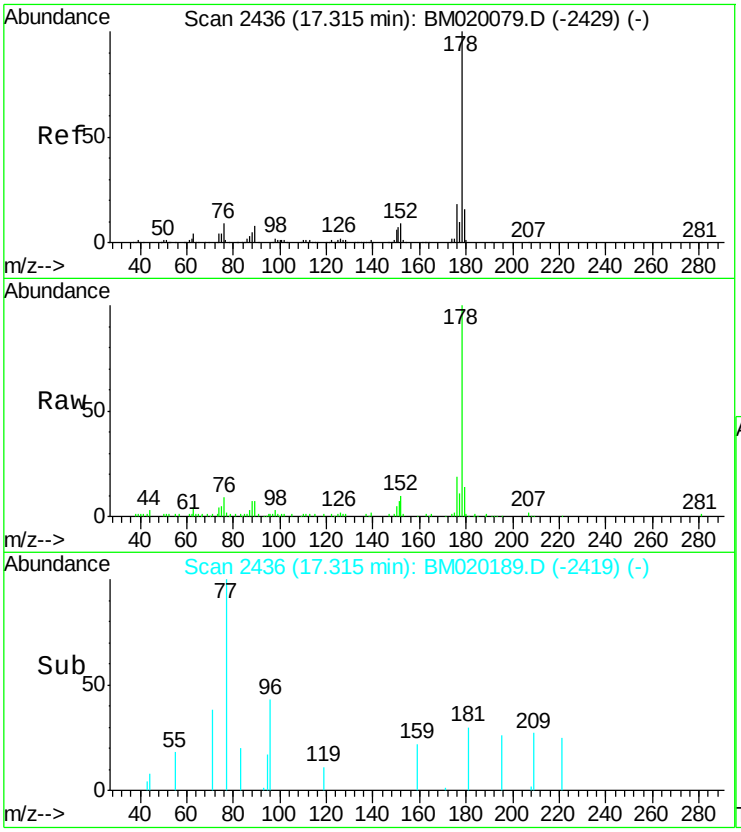


#71
Phenanthrene
Concen: 30.071 ng
RT: 17.23 min Scan# 2421
Delta R.T. 0.01 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:178 Resp: 1167451

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	21.8
179	15.4	12.4	18.6



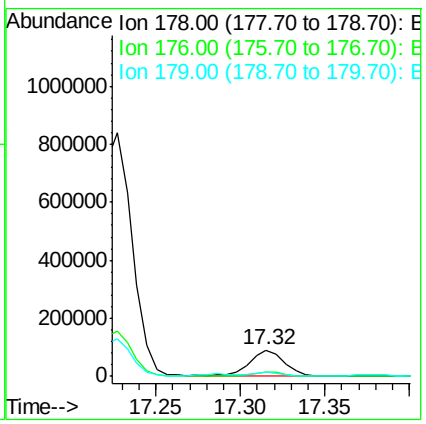


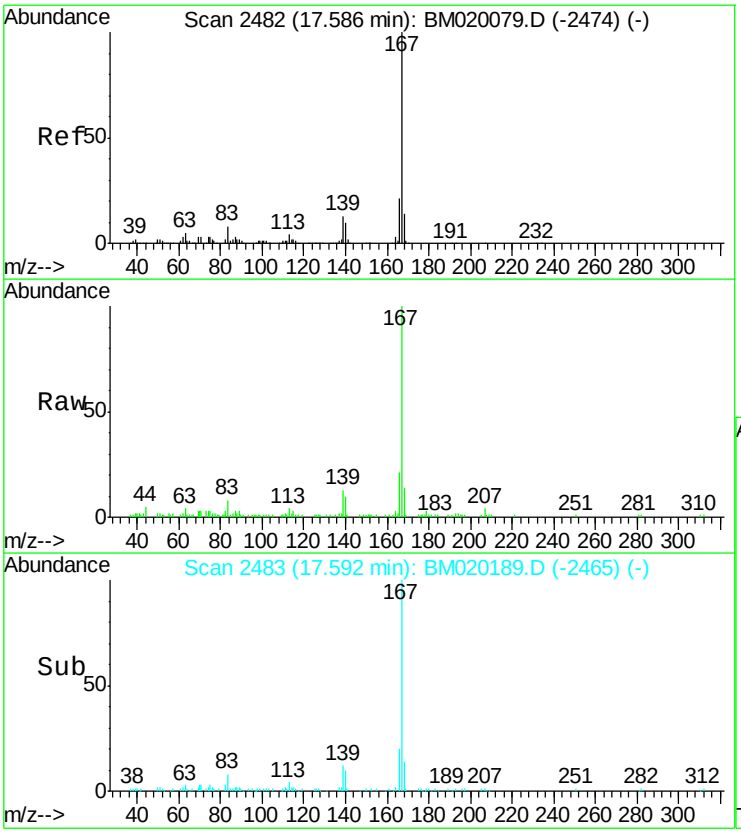
#72
Anthracene
Concen: 3.155 ng
RT: 17.32 min Scan# 2436
Delta R.T. -0.00 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 122452

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.6	22.0
179	14.3	12.4	18.6

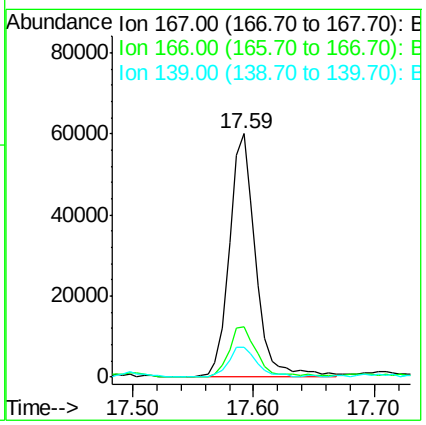


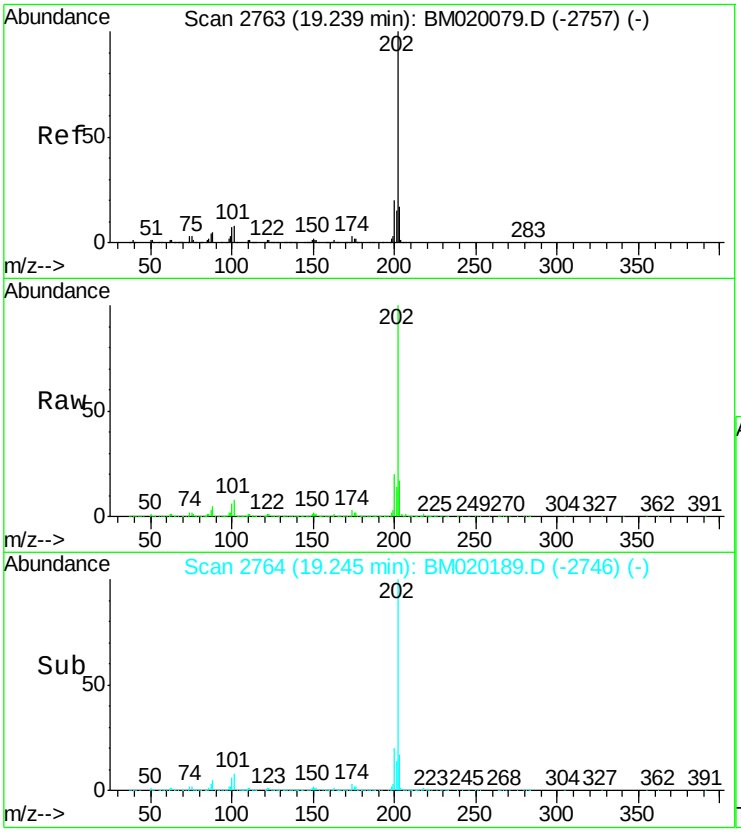


#73
Carbazole
Concen: 2.598 ng
RT: 17.59 min Scan# 2483
Delta R.T. 0.01 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:167 Resp: 91010

Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.5	10.6	16.0



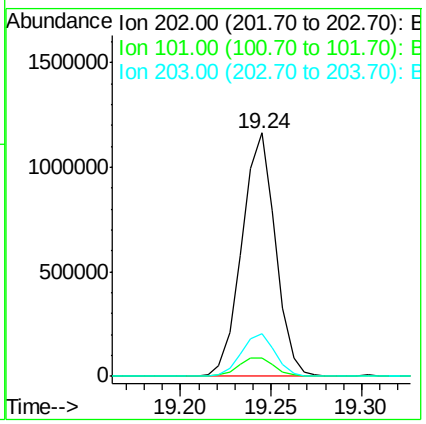


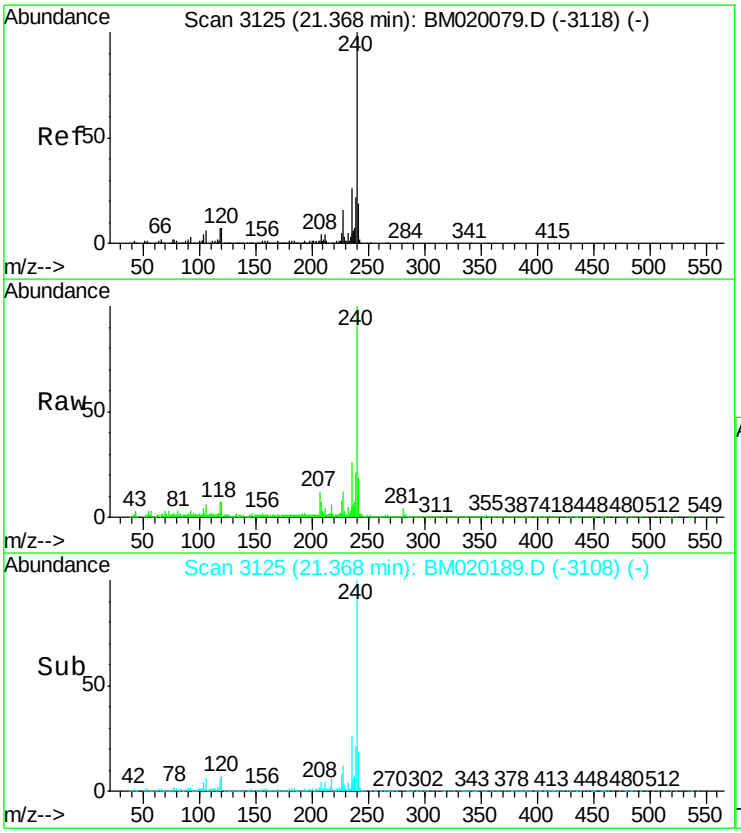
#75
Fluoranthene
Concen: 30.430 ng
RT: 19.24 min Scan# 2764
Delta R.T. 0.01 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1494771

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	28.4
203	17.4	0.0	37.4

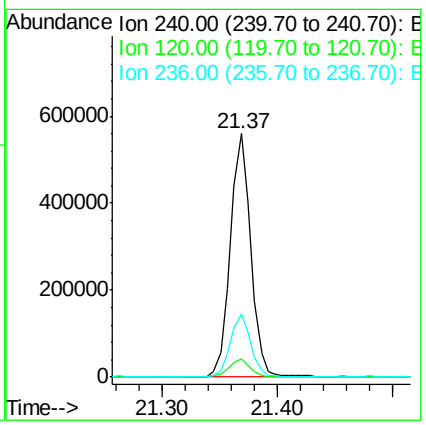


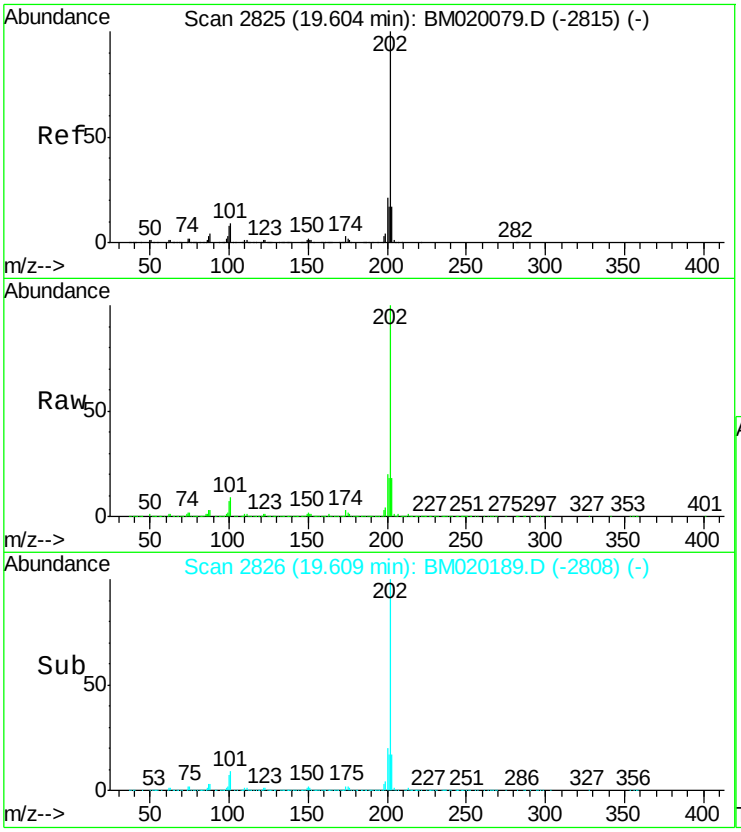


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.37 min Scan# 3125
Delta R.T. -0.00 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:240 Resp: 681625

Ion	Ratio	Lower	Upper
240	100		
120	7.4	5.6	8.4
236	25.8	20.9	31.3



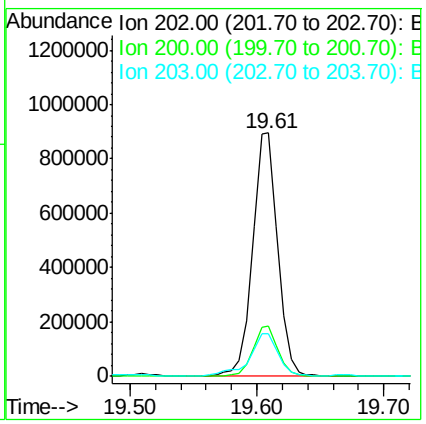


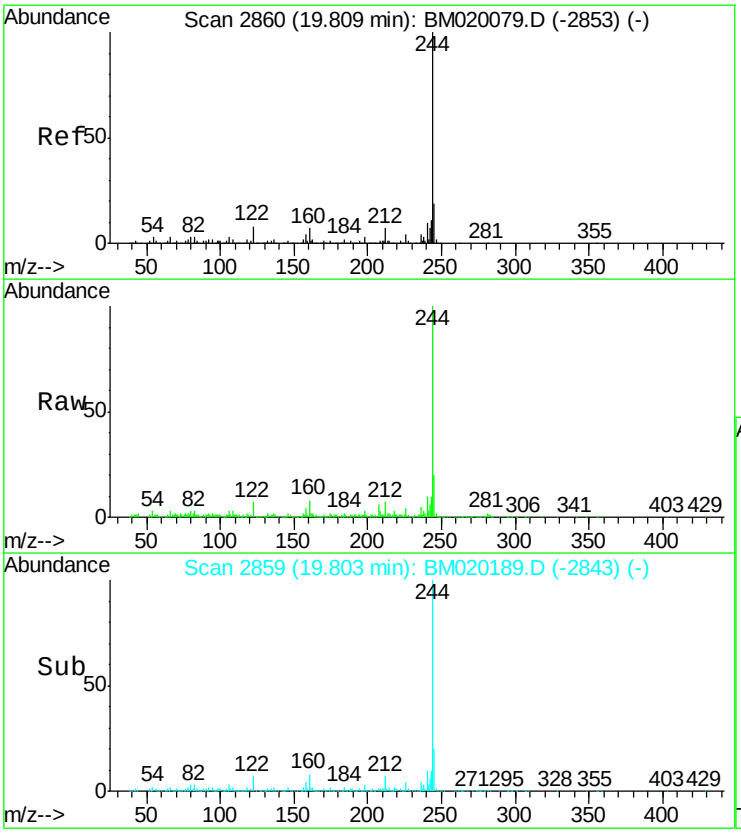
#78
Pyrene
Concen: 27.130 ng
RT: 19.61 min Scan# 2826
Delta R.T. 0.01 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 1241549

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.6	13.9	20.9

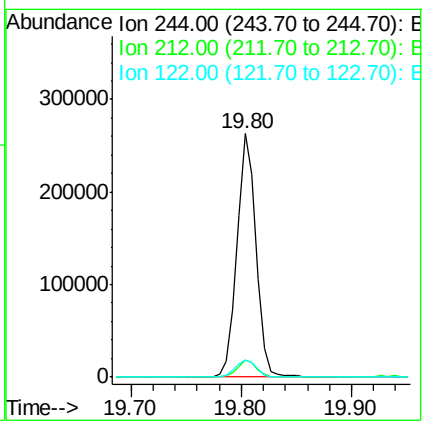


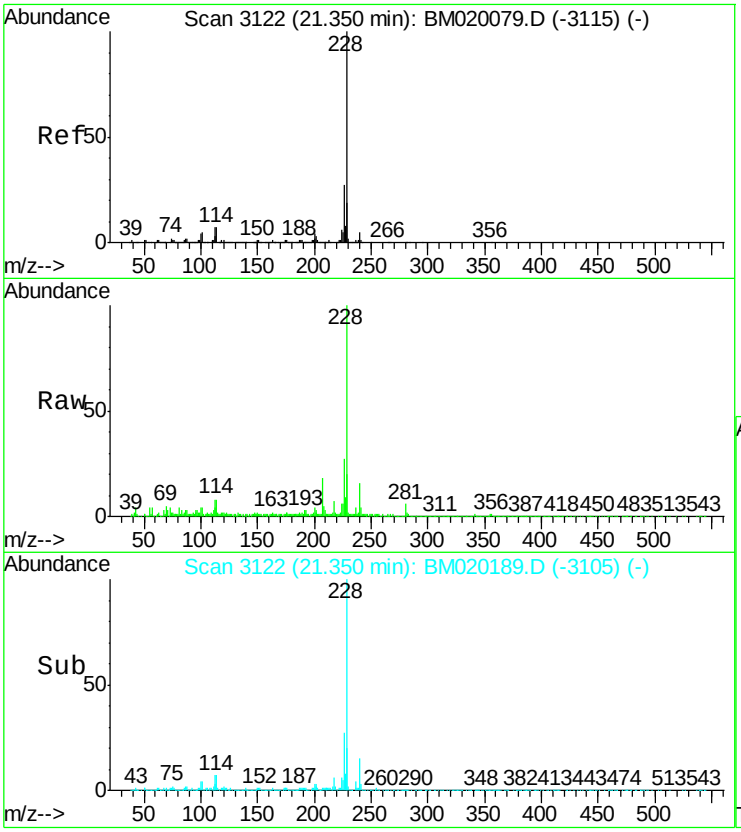


#79
Terphenyl-d14
Concen: 8.196 ng
RT: 19.80 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:244 Resp: 320300

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.7	8.5
122	7.1	6.2	9.2



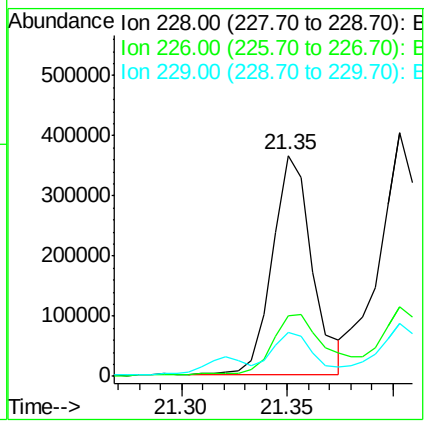


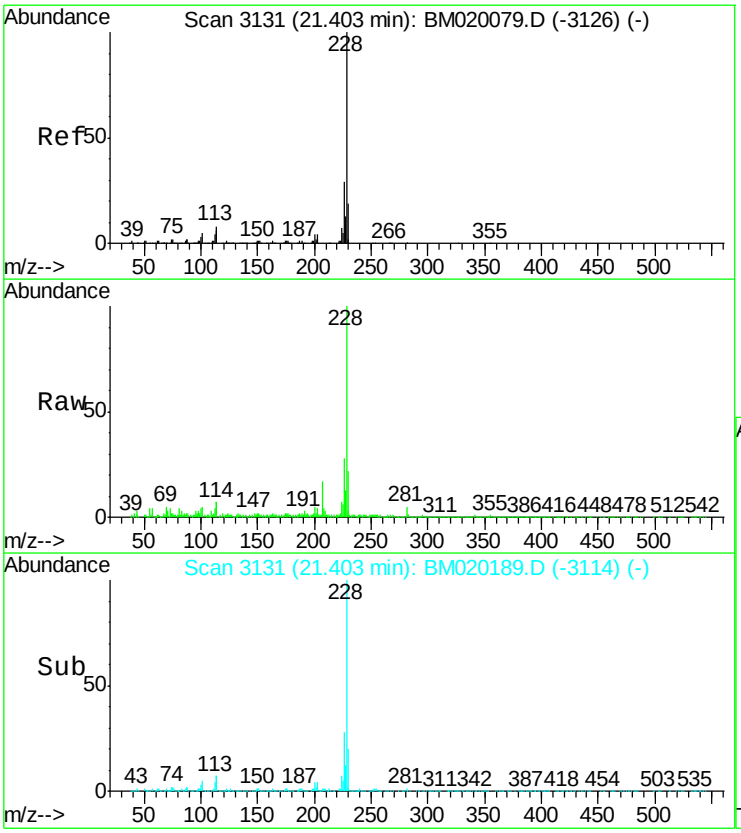
#81
Benzo(a)anthracene
Concen: 10.034 ng
RT: 21.35 min Scan# 3122
Delta R.T. -0.00 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 479649

Ion	Ratio	Lower	Upper
228	100		
226	27.2	21.3	31.9
229	20.1	15.5	23.3

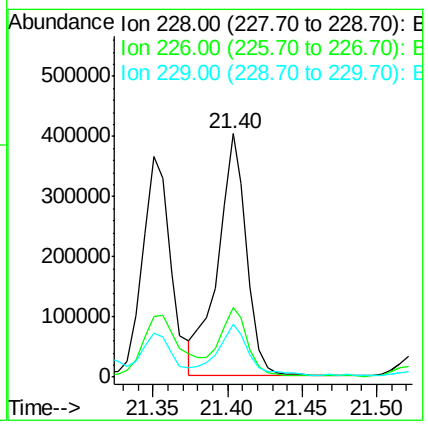


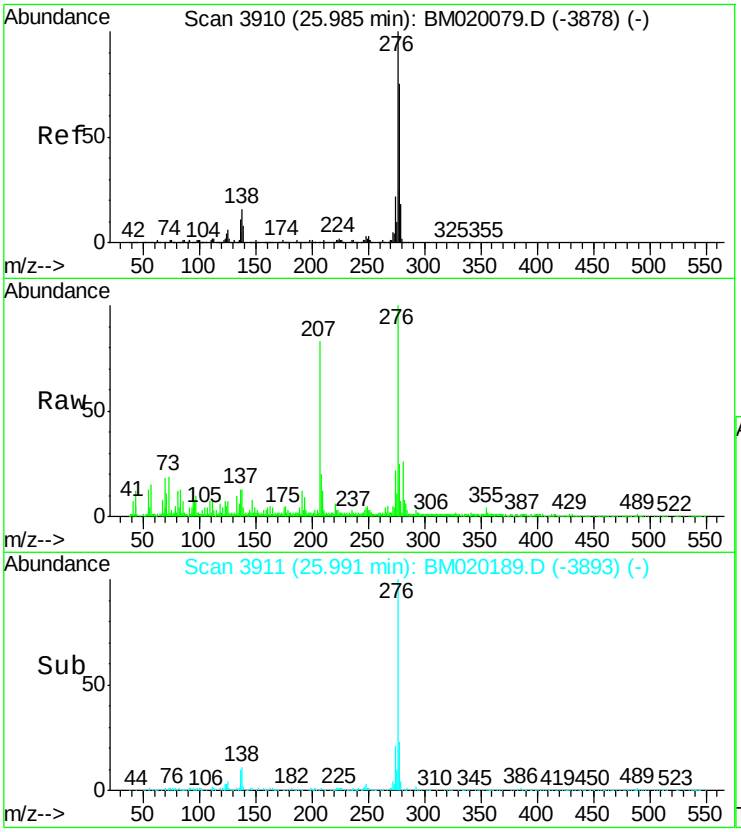


#83
Chrysene
Concen: 11.759 ng
RT: 21.40 min Scan# 3131
Delta R.T. -0.00 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:228 Resp: 545158

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.6
229	22.0	15.5	23.3



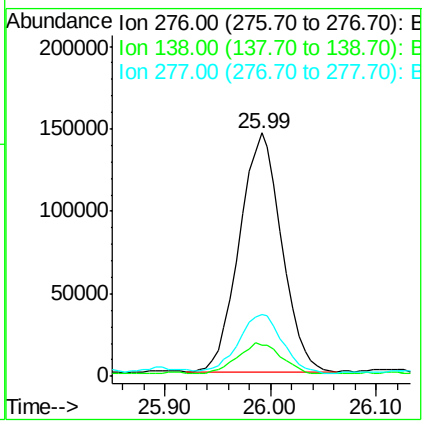


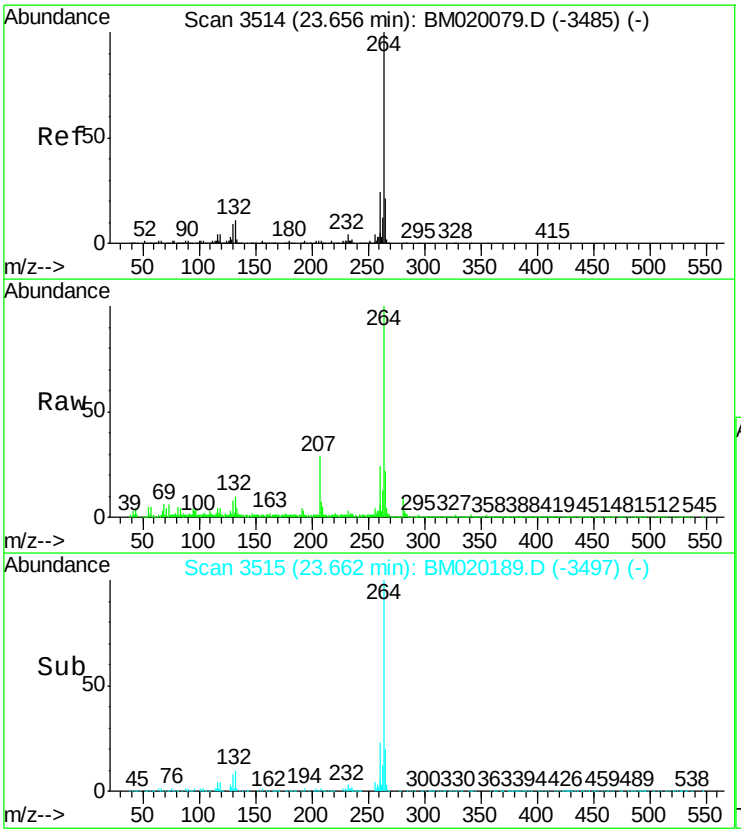
#86
Indeno(1,2,3-cd)pyrene
Concen: 7.303 ng
RT: 25.99 min Scan# 3911
Delta R.T. 0.01 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:276 Resp: 402689

Ion	Ratio	Lower	Upper
276	100		
138	13.5	0.0	0.0#
277	25.3	0.0	0.0#

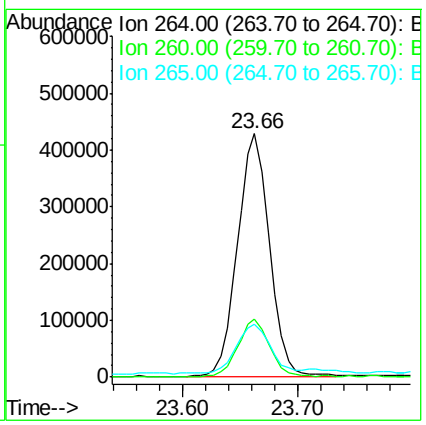


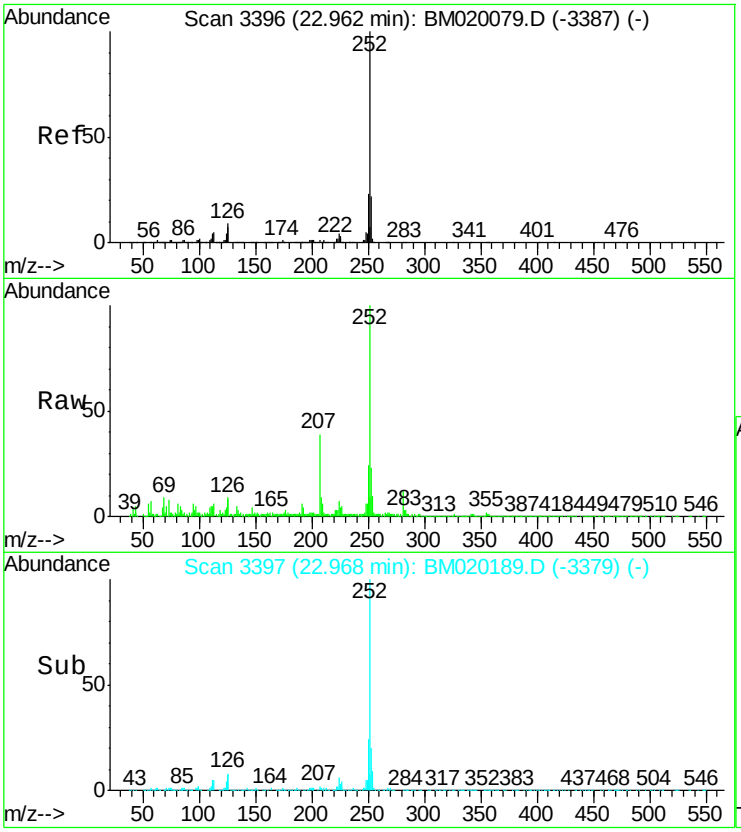


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.66 min Scan# 3515
Delta R.T. 0.01 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:264 Resp: 819881

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.2	28.8
265	21.8	16.9	25.3



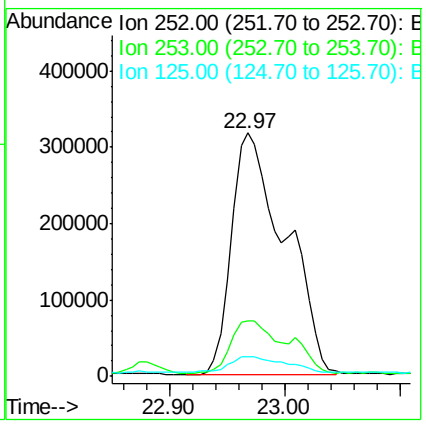


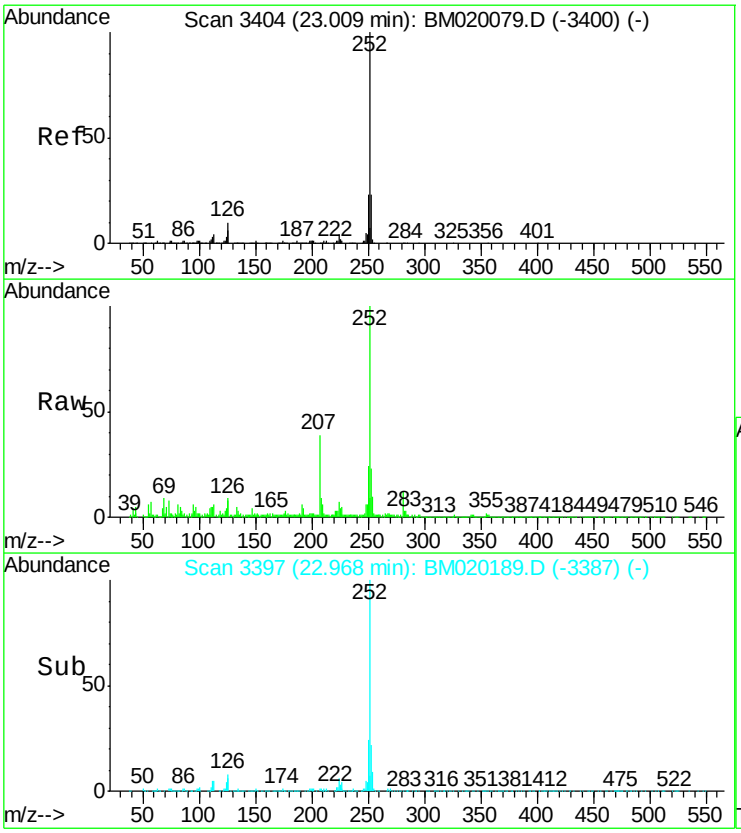
#88
Benzo(b)fluoranthene
Concen: 18.811 ng
RT: 22.97 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 1018425

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	8.1	5.4	8.2

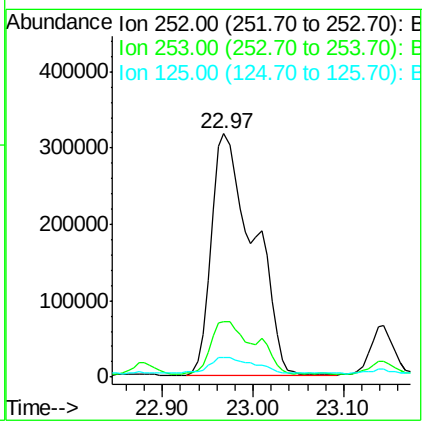


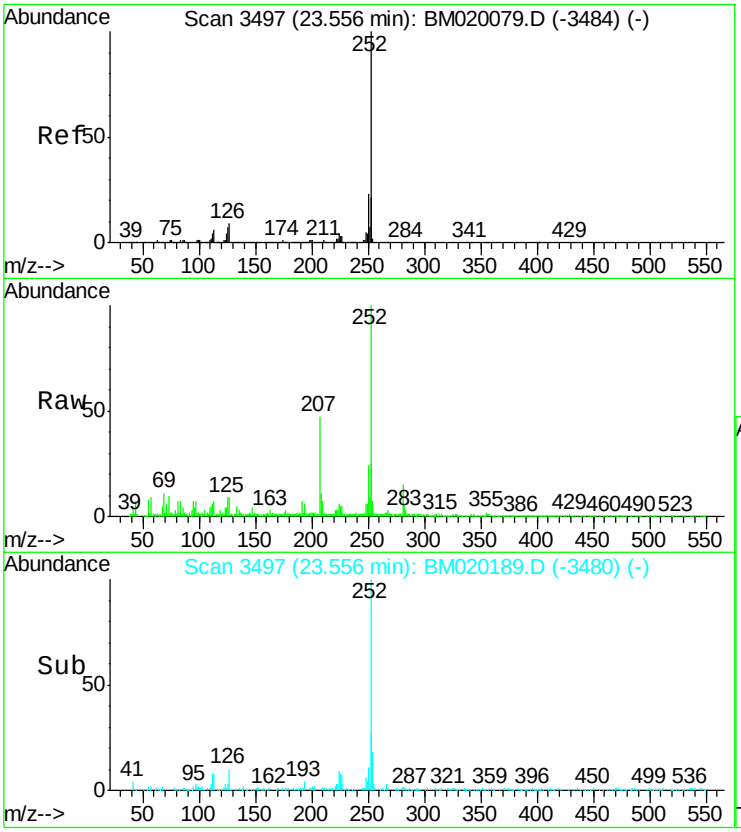


#89
Benzo(k)fluoranthene
Concen: 20.677 ng
RT: 22.97 min Scan# 3397
Delta R.T. -0.04 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:252 Resp: 1021153

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	8.1	5.4	8.0#



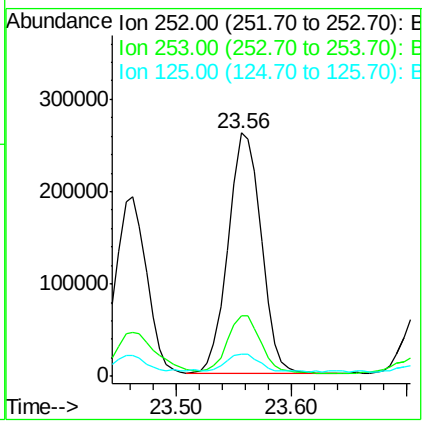


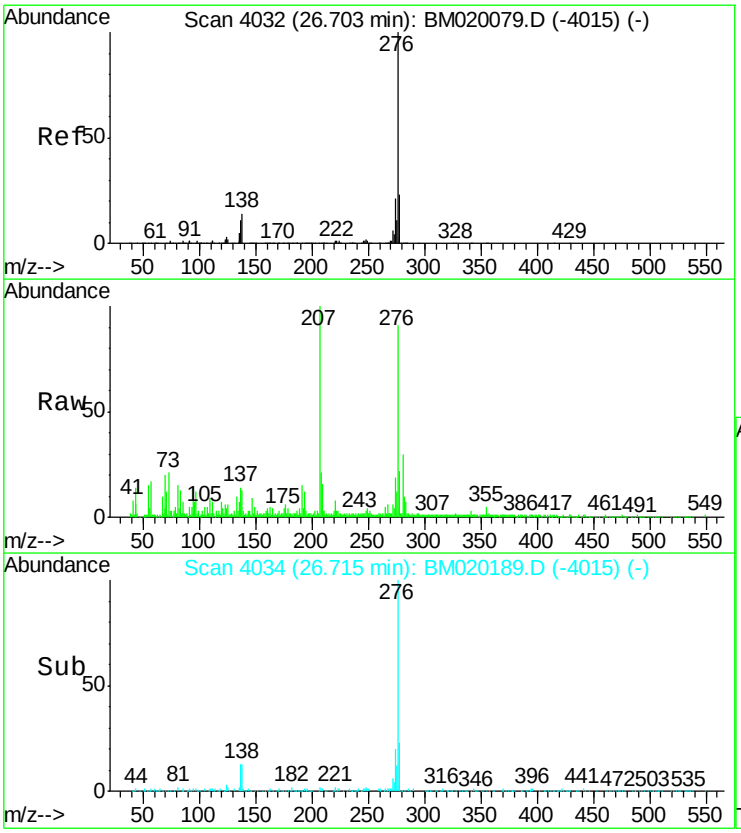
#90
Benzo(a)pyrene
Concen: 10.518 ng
RT: 23.56 min Scan# 3497
Delta R.T. -0.00 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 517257

Ion	Ratio	Lower	Upper
252	100		
253	24.8	17.0	25.6
125	9.3	5.5	8.3#





#92
Benzo(g,h,i)perylene
Concen: 7.779 ng
RT: 26.71 min Scan# 4034
Delta R.T. 0.01 min
Lab File: BM020189.D
Acq: 08 May 2019 07:06

Tgt Ion:276 Resp: 377723

Ion	Ratio	Lower	Upper
276	100		
277	24.0	18.4	27.6
138	13.9	11.1	16.7