Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051219\
Data File : BM020301.D
Acq On : 12 May 2019 16:43
Operator : JU/SJ
Sample : K2768-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : P026-SS016-1824-01

Quant Time: May 13 05:23:04 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	7.76	152	59959	20.00	ng		-0.03
21) Naphthalene-d8	10.56	136	197853	20.00	ng		-0.03
39) Acenaphthene-d10	14.41	164	116522	20.00	ng		-0.02
64) Phenanthrene-d10	17.16	188	271357	20.00	ng		-0.02
76) Chrysene-d12	21.34	240	294351	20.00	ng		-0.02
87) Perylene-d12	23.63	264	366727	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	436483	118.99	ng		-0.02
7) Phenol-d6	6.93	99	571327	114.01	ng		-0.02
23) Nitrobenzene-d5	8.93	82	394866	78.79	ng		-0.03
42) 2,4,6-Tribromophenol	15.90	330	218880	121.02	ng		-0.02
45) 2-Fluorobiphenyl	13.03	172	739740	78.11	ng		-0.03
79) Terphenyl-d14	19.79	244	1131557	67.05	ng		-0.02
Target Compounds							Qvalue
50) Dimethylphthalate	13.87	163	125423	12.665	ng		99
71) Phenanthrene	17.20	178	30085	2.008	ng		96
75) Fluoranthene	19.22	202	59479	3.138	ng		99
78) Pyrene	19.59	202	106639	5.396	ng		99
81) Benzo(a)anthracene	21.38	228	42221	2.045	ng		95
83) Chrysene	21.38	228	50455	2.520	ng		97
88) Benzo(b)fluoranthene	22.94	252	65873	2.720	ng	#	94
89) Benzo(k)fluoranthene	22.94	252	66917	3.029	ng	#	95
90) Benzo(a)pyrene	23.53	252	44661	2.030	ng	#	94

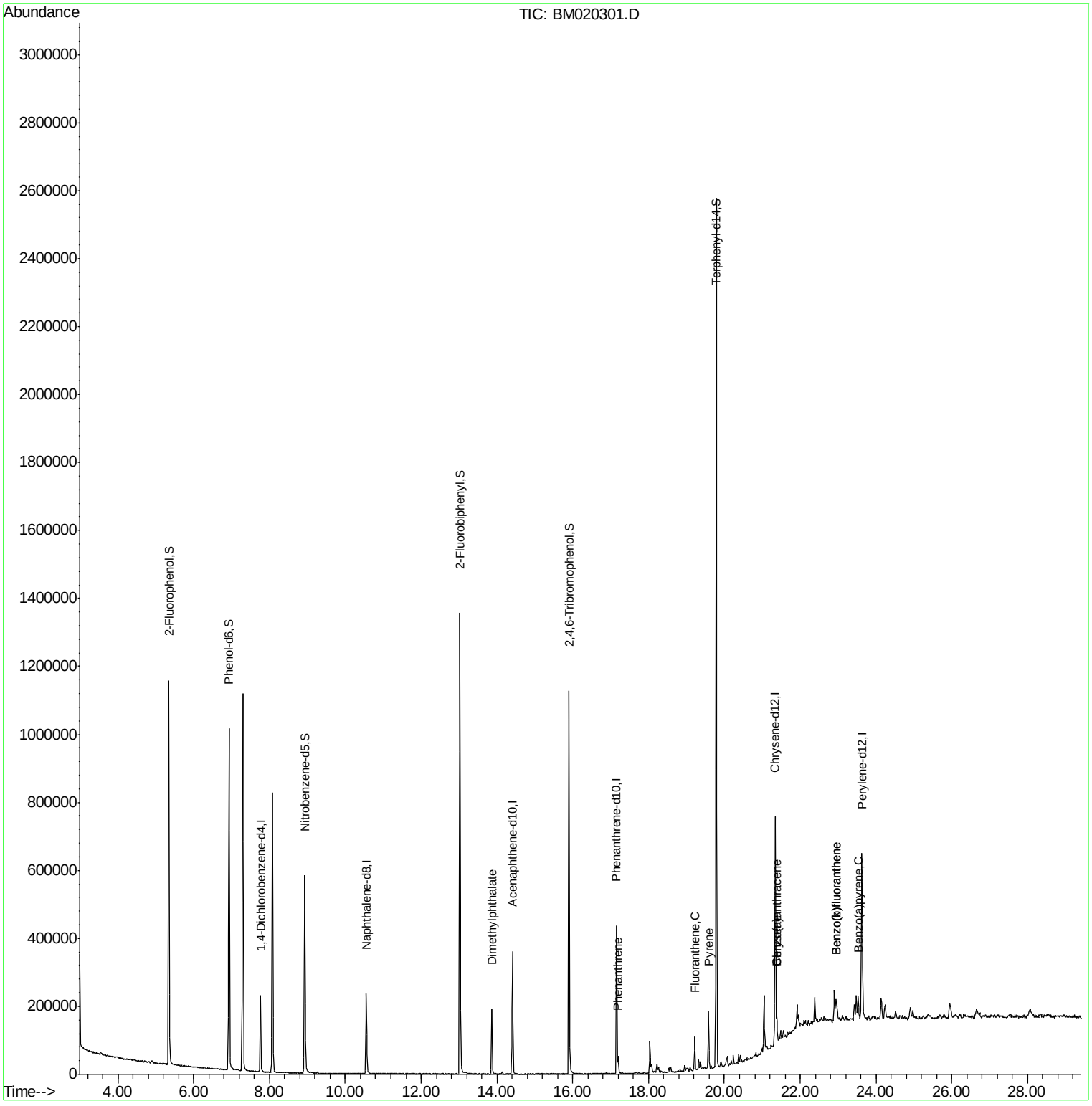
(#) = qualifier out of range (m) = manual integration (+) = signals summed

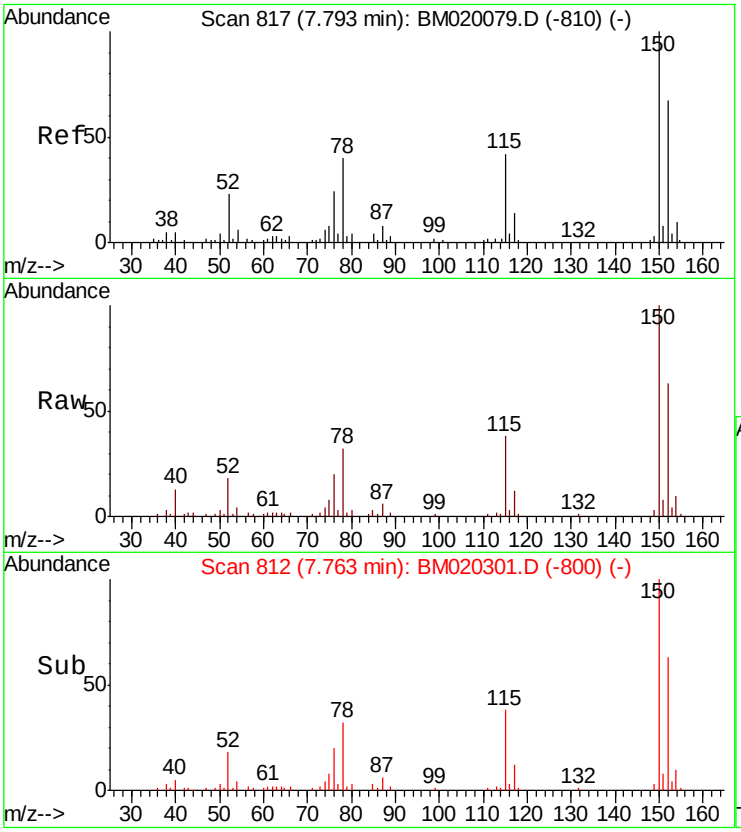
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM051219\
Data File : BM020301.D
Acq On : 12 May 2019 16:43
Operator : JU/SJ
Sample : K2768-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Quant Time: May 13 05:23:04 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



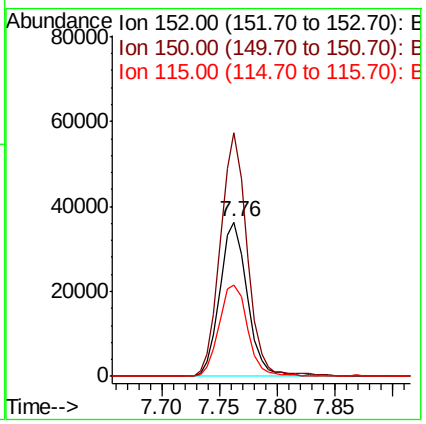


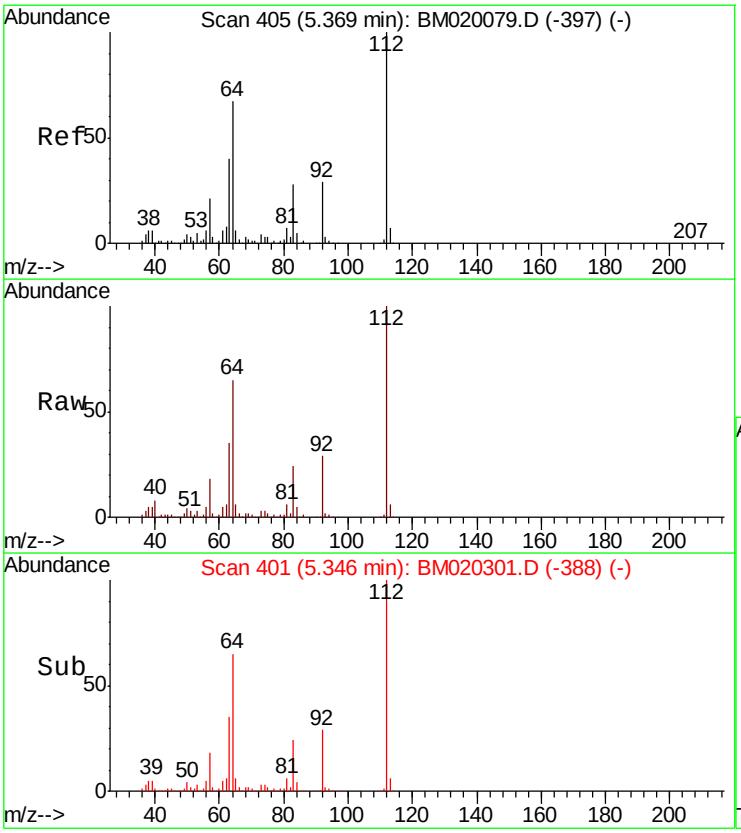
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.76 min Scan# 812
Delta R.T. -0.03 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tgt Ion:152 Resp: 59959

Ion	Ratio	Lower	Upper
152	100		
150	158.1	119.8	179.8
115	59.6	50.8	76.2

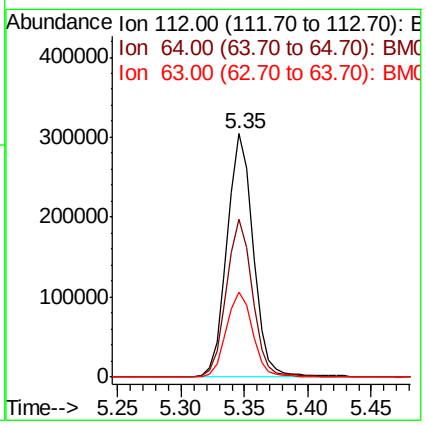


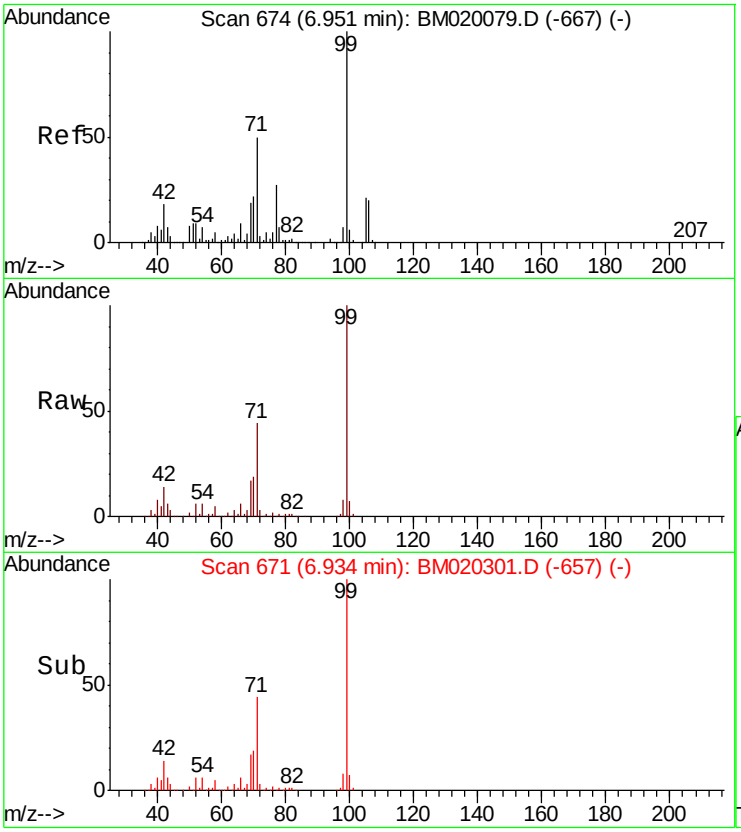


#5
2-Fluorophenol
Concen: 118.993 ng
RT: 5.35 min Scan# 401
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion:112 Resp: 436483

Ion	Ratio	Lower	Upper
112	100		
64	64.7	53.8	80.6
63	35.0	32.3	48.5



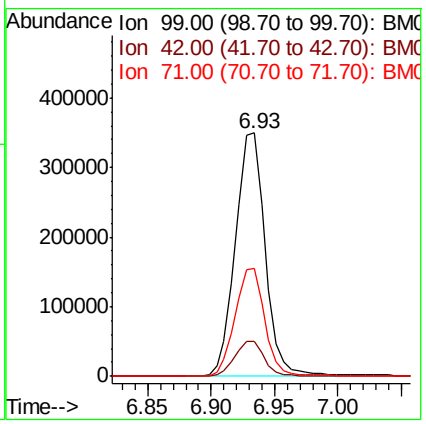


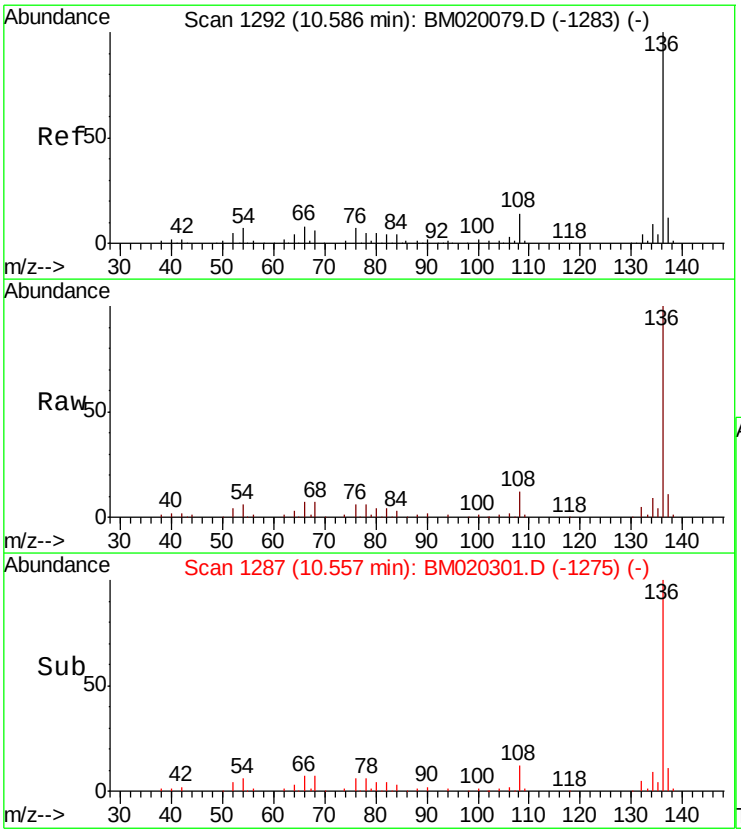
#7
Phenol-d6
Concen: 114.010 ng
RT: 6.93 min Scan# 671
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tgt Ion: 99 Resp: 571327

Ion	Ratio	Lower	Upper
99	100		
42	14.1	14.2	21.2#
71	44.4	40.3	60.5

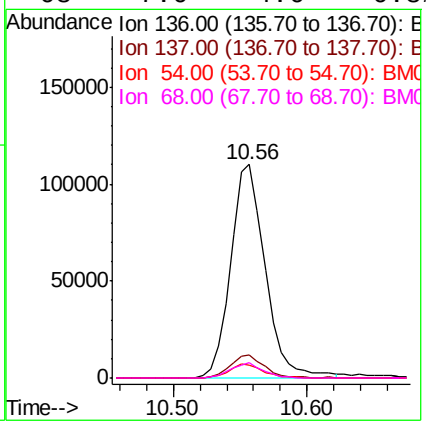


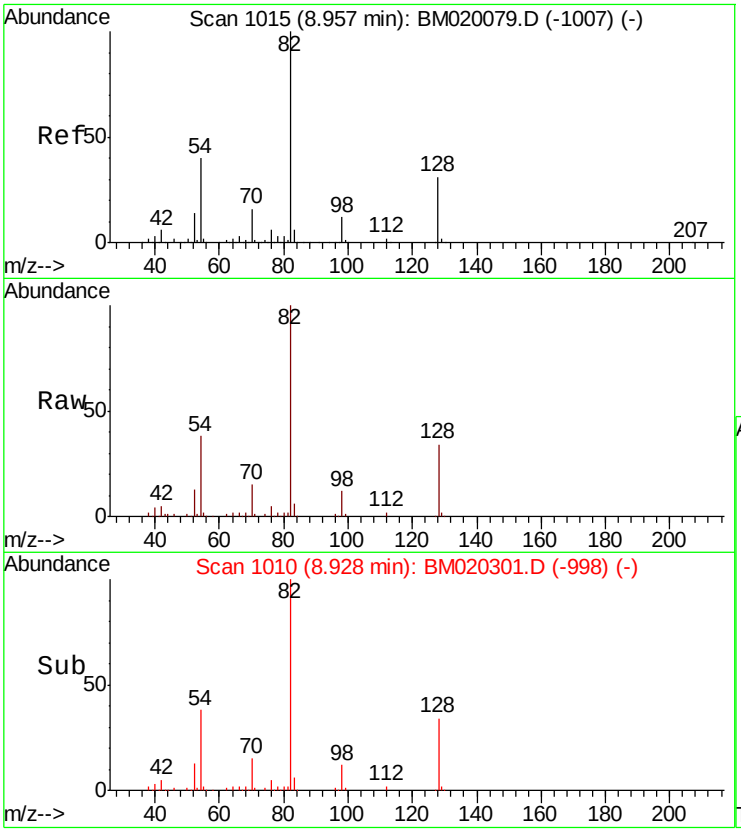


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.56 min Scan# 1287
Delta R.T. -0.03 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion:136 Resp: 197853

Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.6	14.4
54	5.8	5.5	8.3
68	7.0	4.6	6.8#



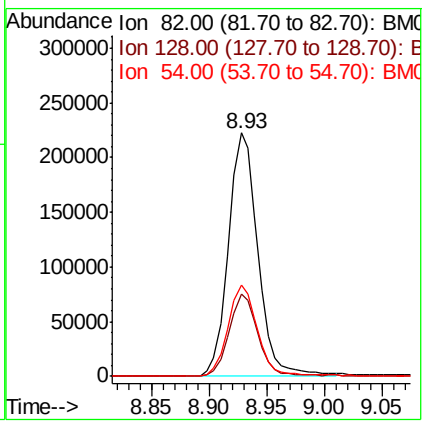


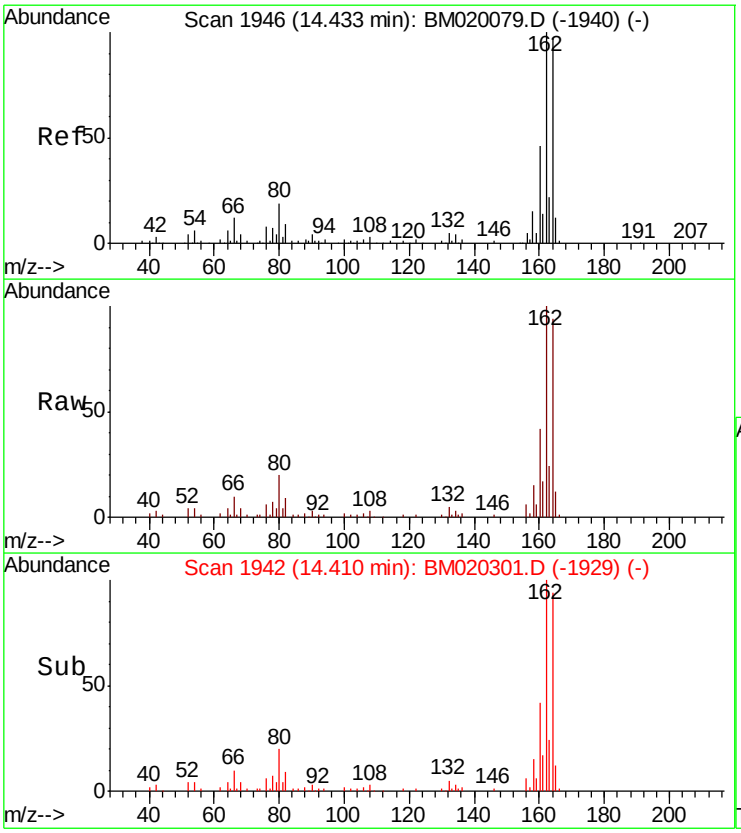
#23
Nitrobenzene-d5
Concen: 78.793 ng
RT: 8.93 min Scan# 1010
Delta R.T. -0.03 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tgt Ion: 82 Resp: 394866

Ion	Ratio	Lower	Upper
82	100		
128	33.9	25.2	37.8
54	37.6	31.9	47.9

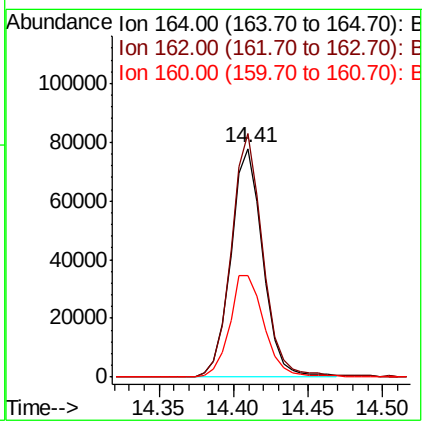


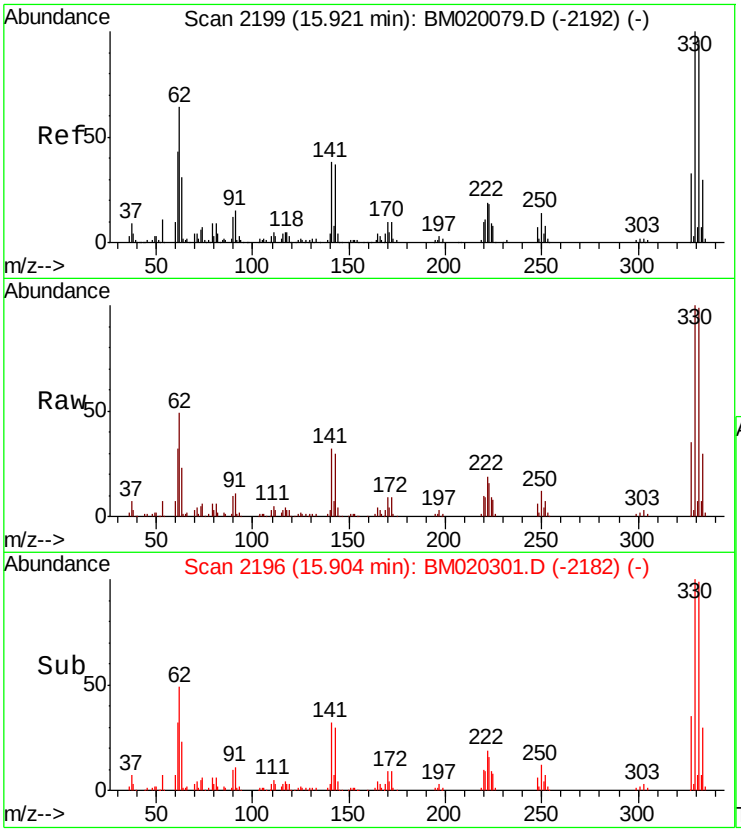


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.41 min Scan# 1942
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion:164 Resp: 116522

Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.2	123.2
160	44.3	37.6	56.4



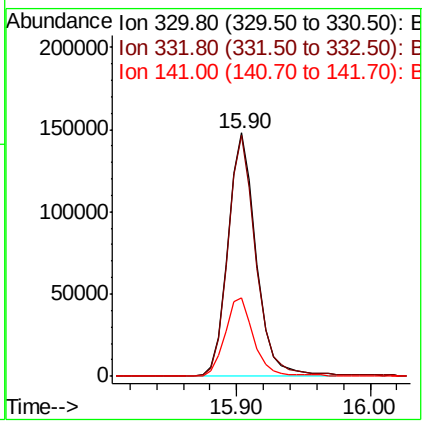


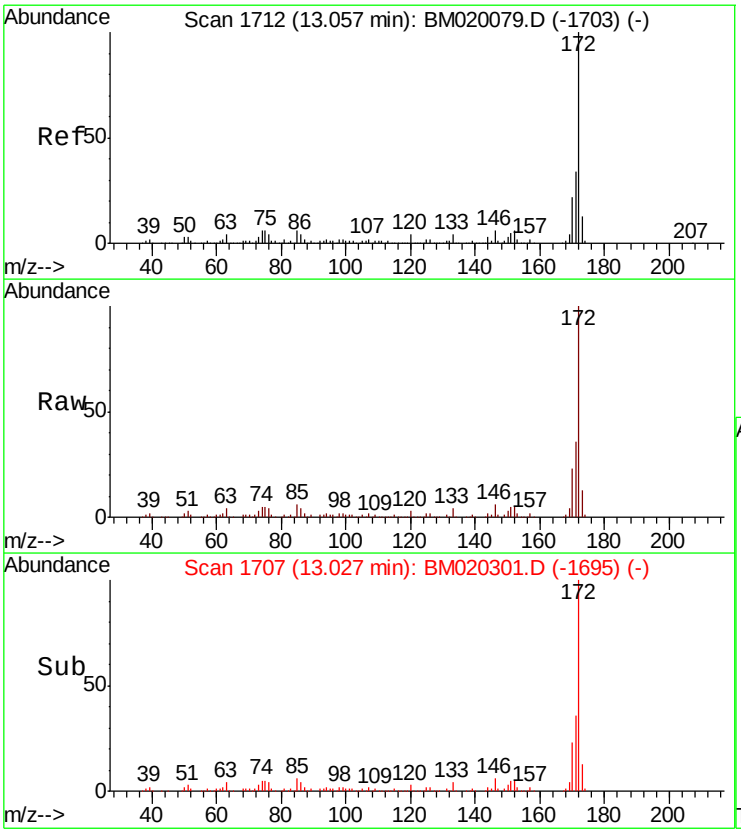
#42
2,4,6-Tribromophenol
Concen: 121.019 ng
RT: 15.90 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tgt Ion:330 Resp: 218880

Ion	Ratio	Lower	Upper
330	100		
332	98.1	76.8	115.2
141	32.8	29.2	43.8

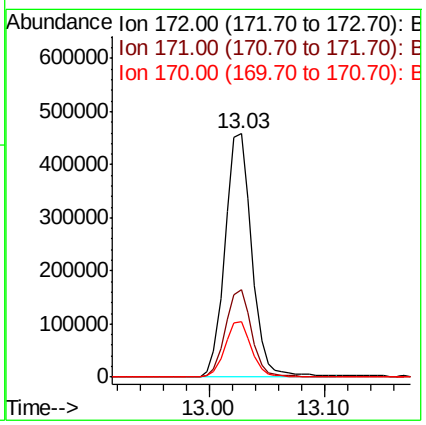


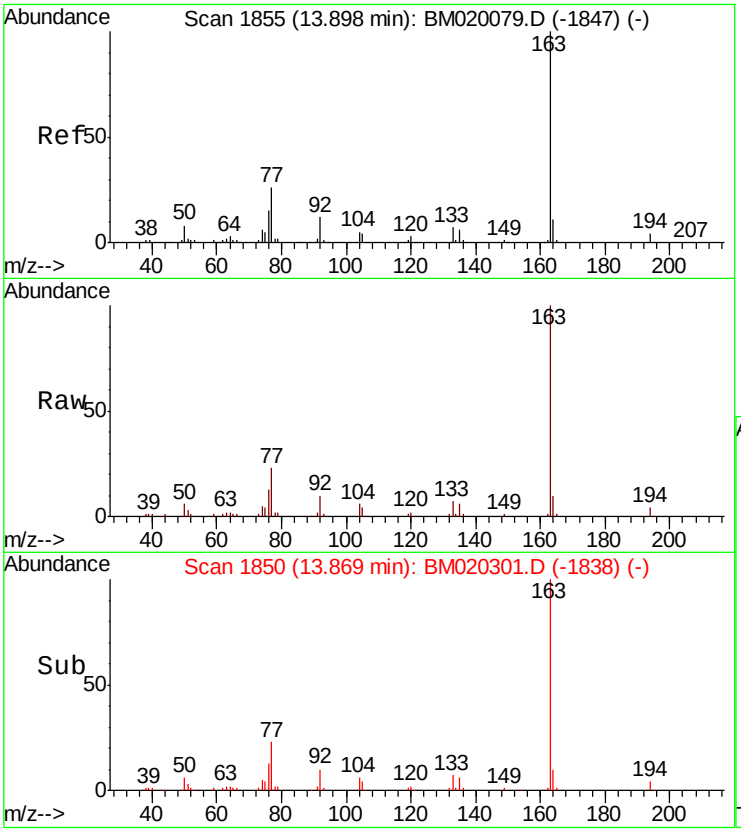


#45
2-Fluorobiphenyl
Concen: 78.110 ng
RT: 13.03 min Scan# 1707
Delta R.T. -0.03 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion:172 Resp: 739740

Ion	Ratio	Lower	Upper
172	100		
171	35.8	27.3	40.9
170	23.0	17.9	26.9



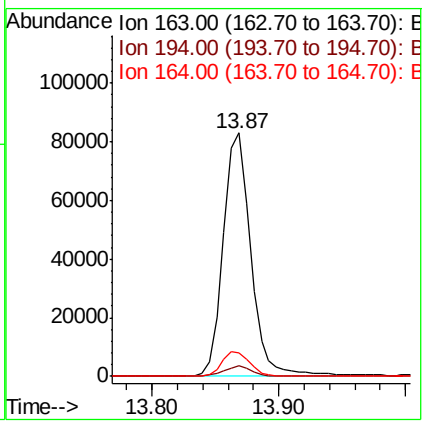


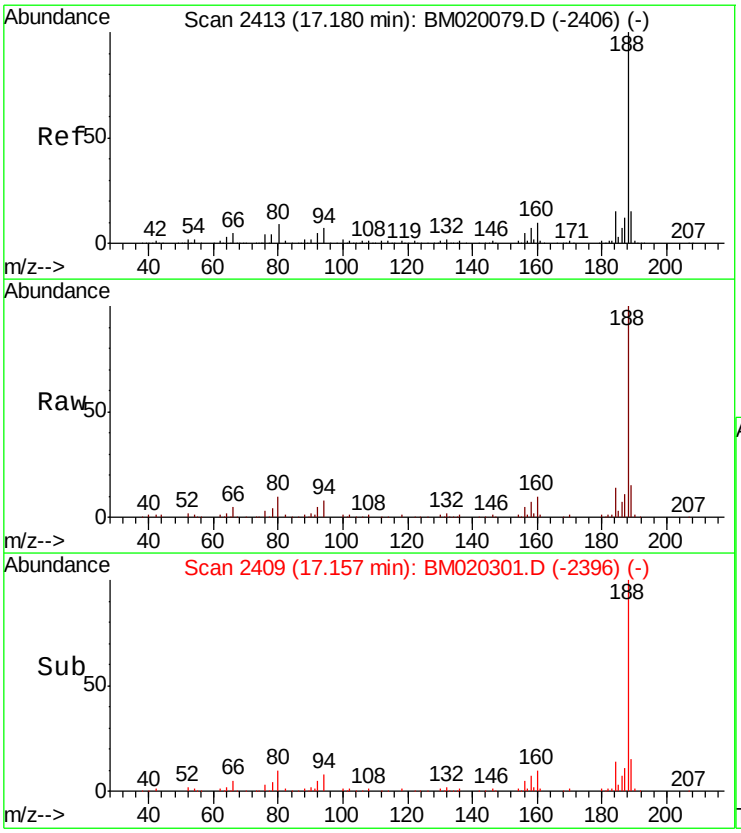
#50
Dimethylphthalate
Concen: 12.665 ng
RT: 13.87 min Scan# 1850
Delta R.T. -0.03 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tgt Ion:163 Resp: 125423

Ion	Ratio	Lower	Upper
163	100		
194	4.4	3.6	5.4
164	9.8	8.4	12.6

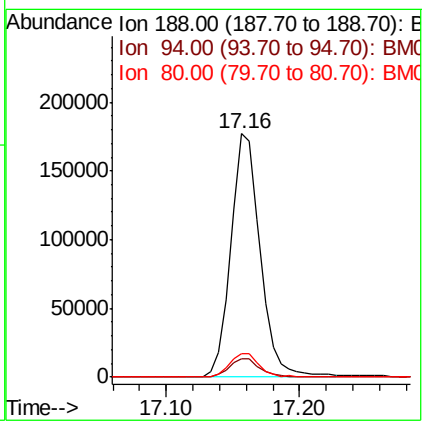


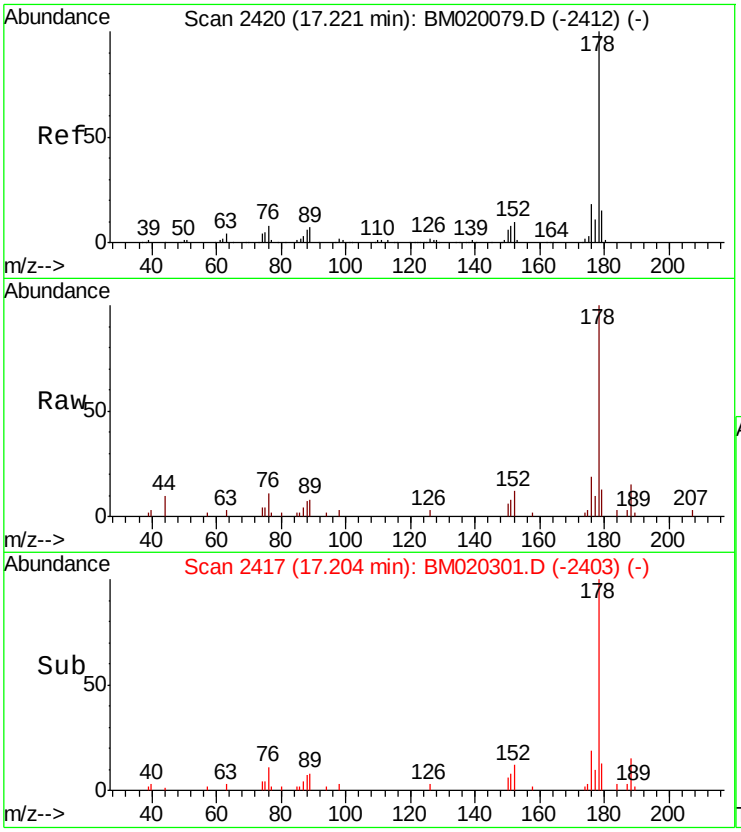


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.16 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion:188 Resp: 271357

Ion	Ratio	Lower	Upper
188	100		
94	7.5	5.8	8.6
80	9.9	7.4	11.2



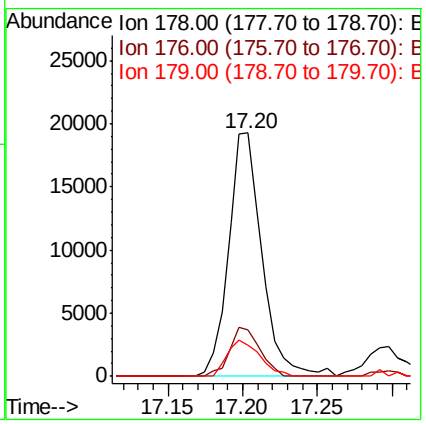


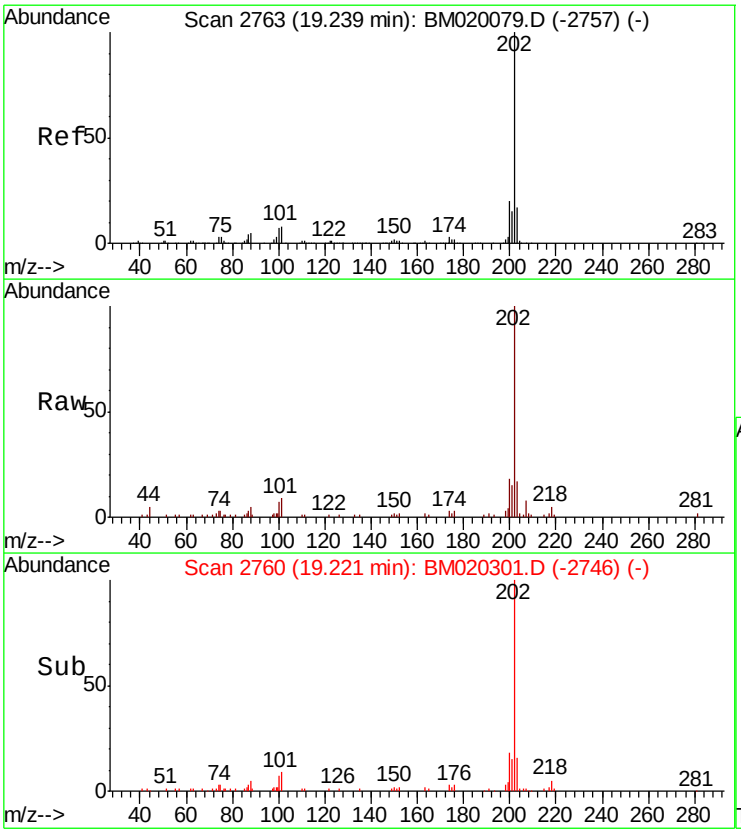
#71
Phenanthrene
Concen: 2.008 ng
RT: 17.20 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tgt Ion:178 Resp: 30085

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.6	21.8
179	13.0	12.4	18.6

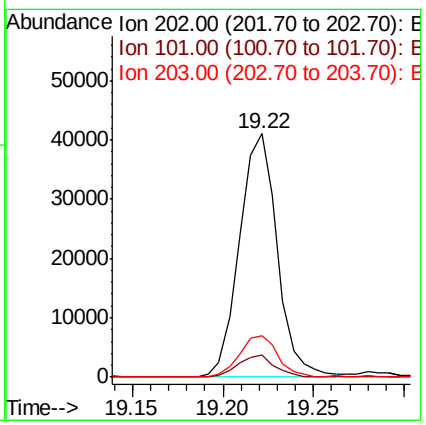


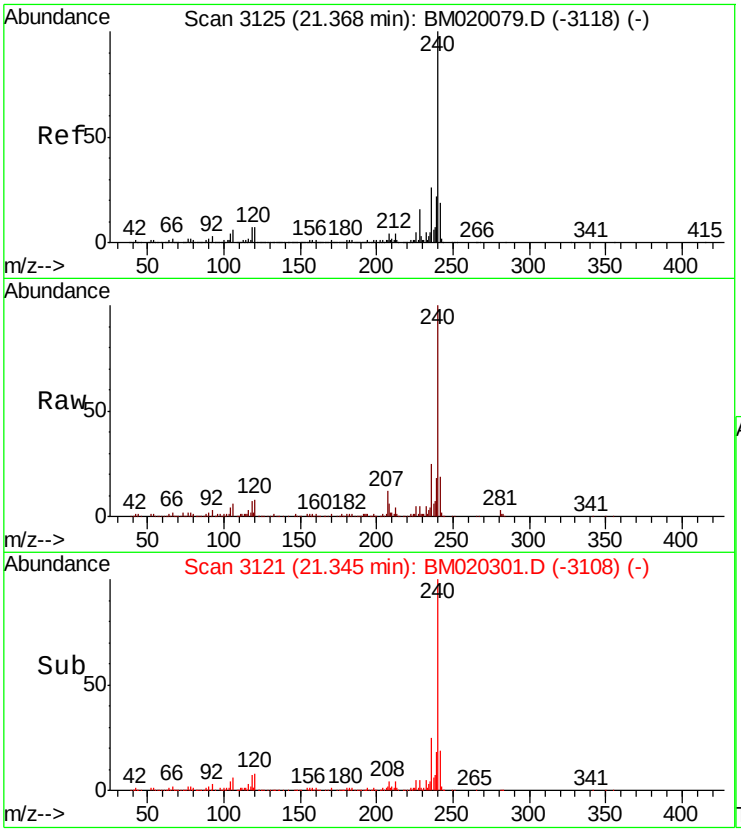


#75
Fluoranthene
Concen: 3.138 ng
RT: 19.22 min Scan# 2760
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion:202 Resp: 59479

Ion	Ratio	Lower	Upper
202	100		
101	8.9	0.0	28.4
203	17.2	0.0	37.4



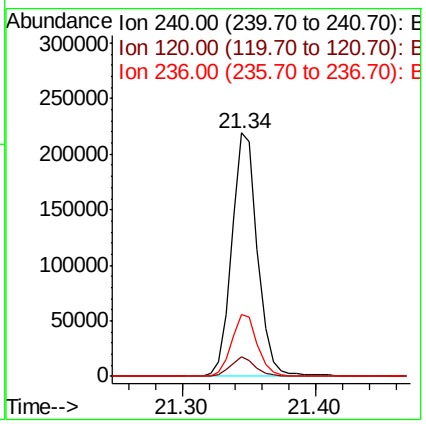


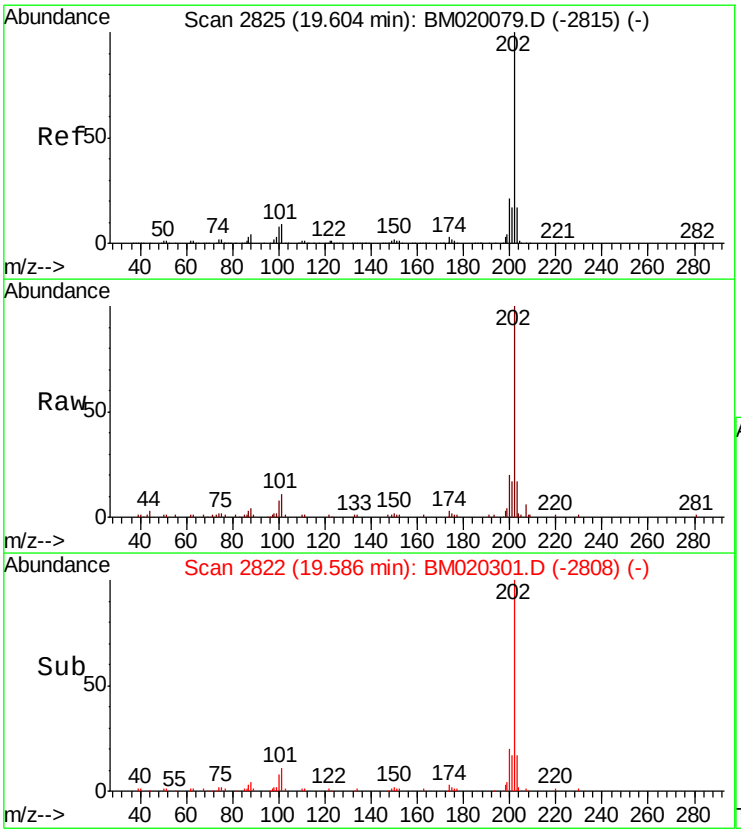
#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.34 min Scan# 3121
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tgt Ion:240 Resp: 294351

Ion	Ratio	Lower	Upper
240	100		
120	7.9	5.6	8.4
236	25.3	20.9	31.3

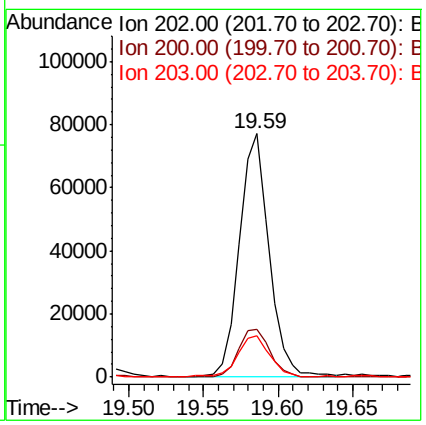


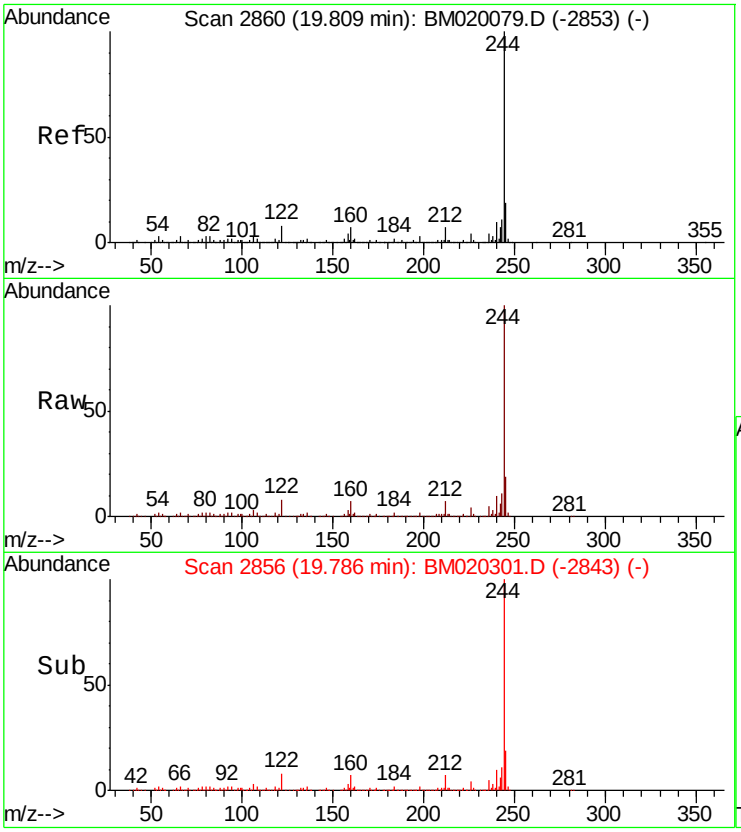


#78
Pyrene
Concen: 5.396 ng
RT: 19.59 min Scan# 2822
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion:202 Resp: 106639

Ion	Ratio	Lower	Upper
202	100		
200	19.8	16.5	24.7
203	17.0	13.9	20.9



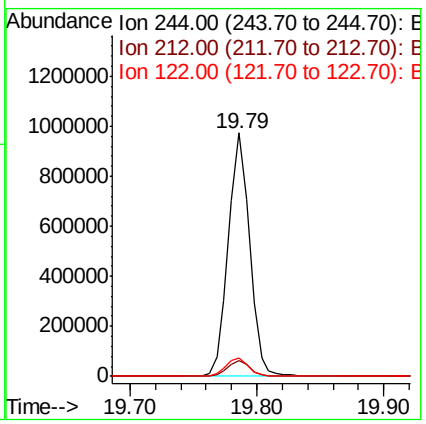


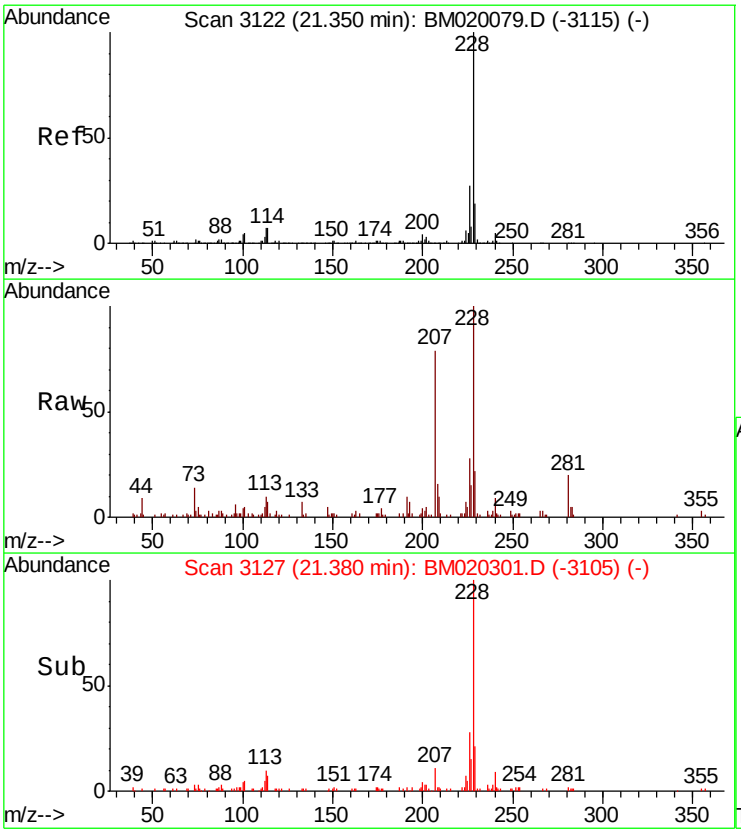
#79
Terphenyl-d14
Concen: 67.052 ng
RT: 19.79 min Scan# 2856
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tgt Ion:244 Resp: 1131557

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.7	8.5
122	7.8	6.2	9.2

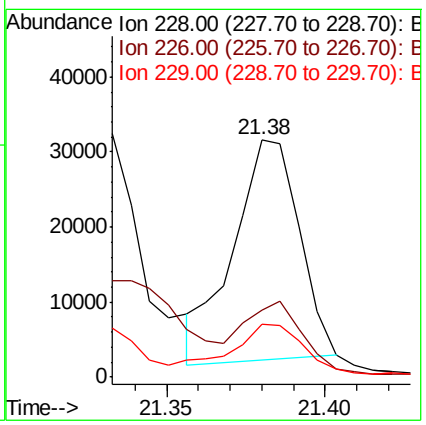


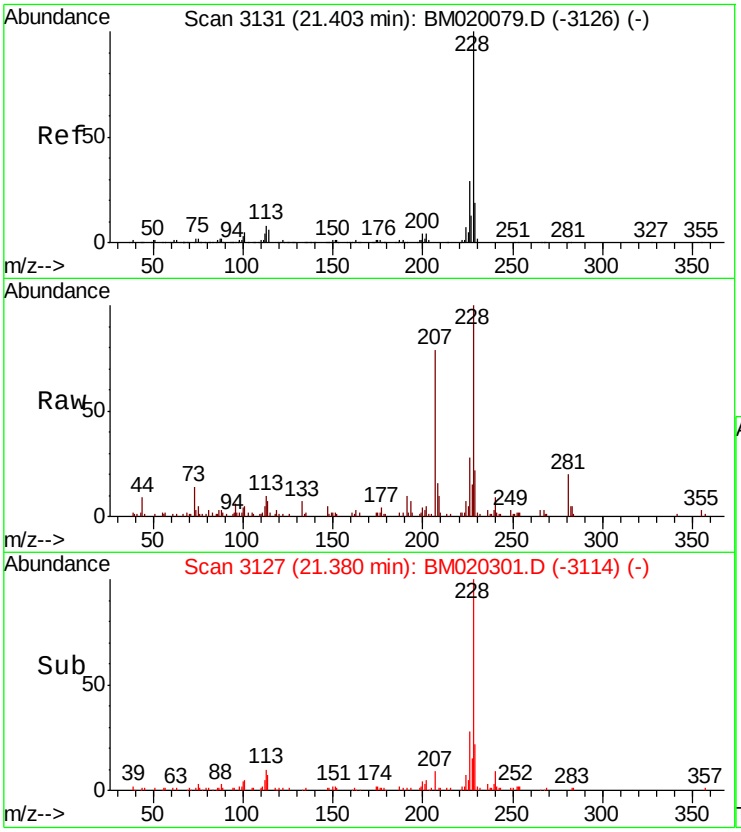


#81
Benzo(a)anthracene
Concen: 2.045 ng
RT: 21.38 min Scan# 3127
Delta R.T. 0.03 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion:228 Resp: 42221

Ion	Ratio	Lower	Upper
228	100		
226	28.2	21.3	31.9
229	22.5	15.5	23.3



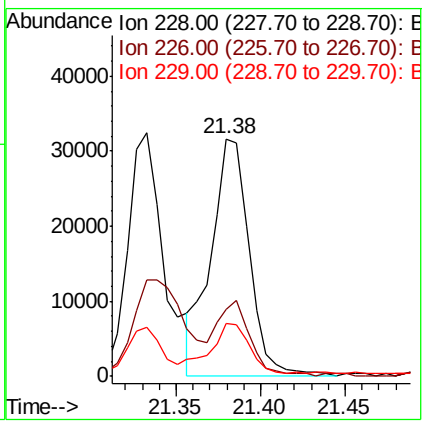


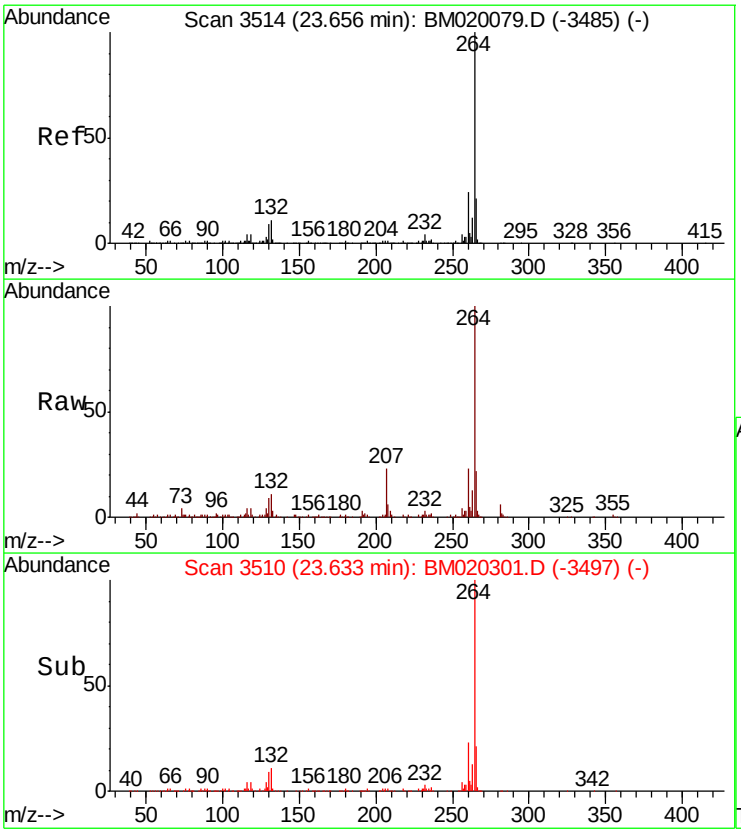
#83
Chrysene
Concen: 2.520 ng
RT: 21.38 min Scan# 3127
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tgt Ion:228 Resp: 50455

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.0	34.6
229	22.5	15.5	23.3

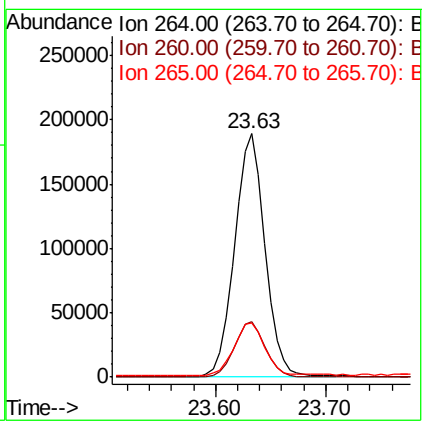


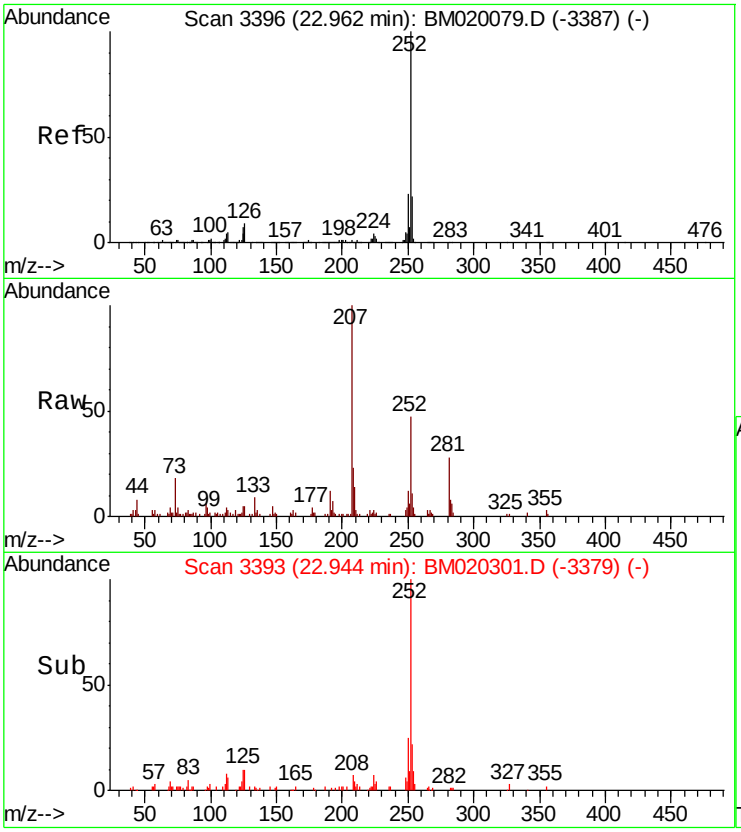


#87
Perylene-d12
Concen: 20.000 ng
RT: 23.63 min Scan# 3510
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion:264 Resp: 366727

Ion	Ratio	Lower	Upper
264	100		
260	22.5	19.2	28.8
265	22.1	16.9	25.3



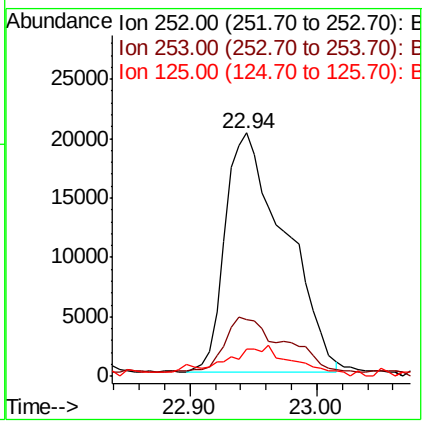


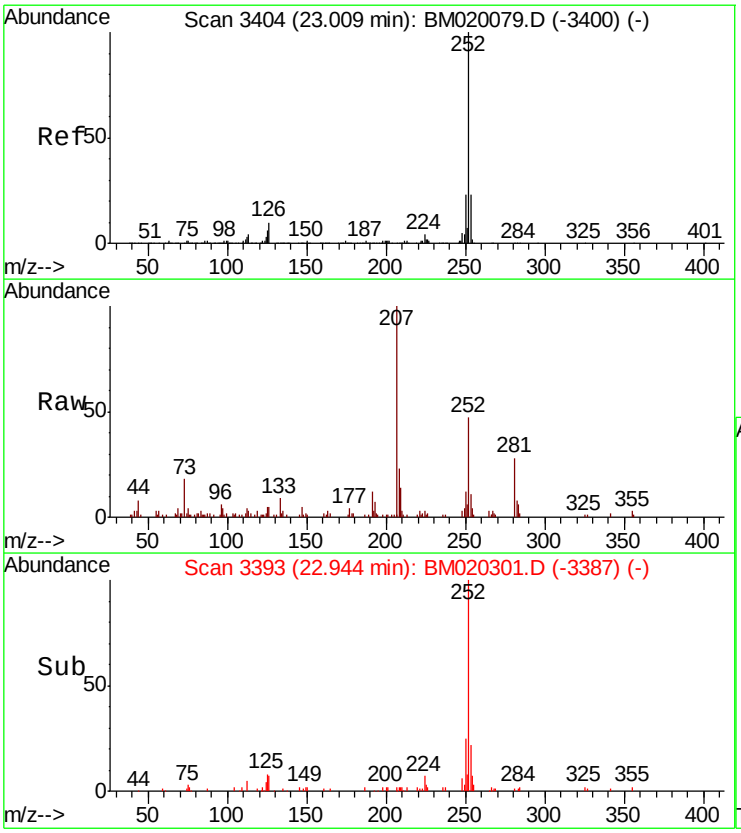
#88
Benzo(b)fluoranthene
Concen: 2.720 ng
RT: 22.94 min Scan# 3393
Delta R.T. -0.02 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tgt Ion:252 Resp: 65873

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	11.3	5.4	8.2#

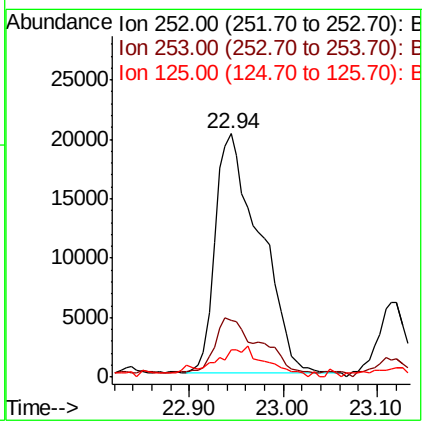


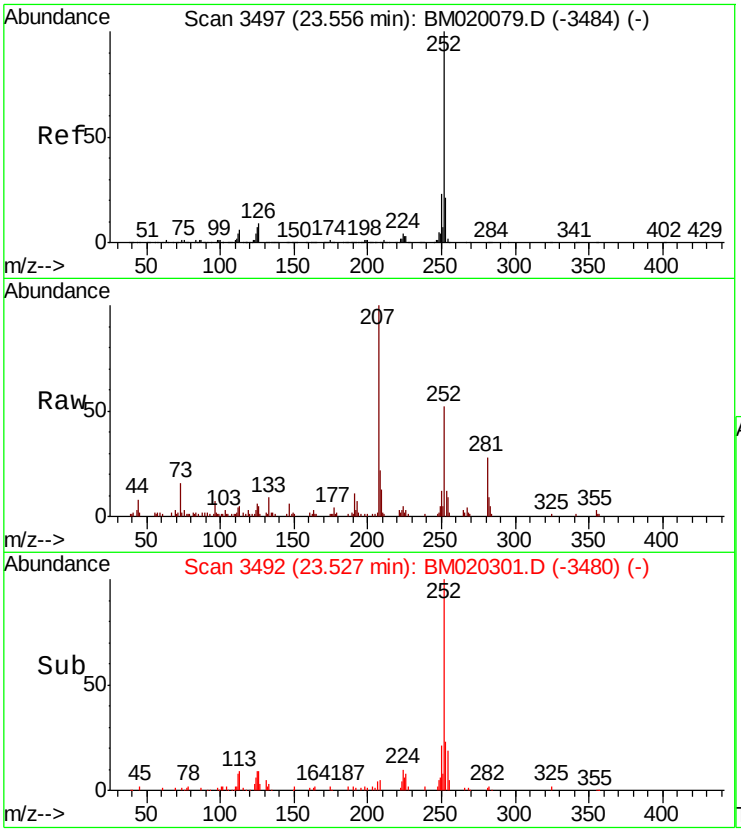


#89
Benzo(k)fluoranthene
Concen: 3.029 ng
RT: 22.94 min Scan# 3393
Delta R.T. -0.06 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Tgt Ion:252 Resp: 66917

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	11.3	5.4	8.0#





#90
Benzo(a)pyrene
Concen: 2.030 ng
RT: 23.53 min Scan# 3492
Delta R.T. -0.03 min
Lab File: BM020301.D
Acq: 12 May 2019 16:43

Instrument :
BNA_M
ClientSampleId :
P026-SS016-1824-01

Tgt Ion:252 Resp: 44661

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.0	25.6
125	10.6	5.5	8.3#