Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026858.D
Acq On : 23 Jul 2020 19:21
Operator : JU/CG
Sample : L3381-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 365-GRID-B6-B8

Quant Time: Jul 24 01:59:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 14:16:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.28	152	104108	20.00	ng		-0.02
21) Naphthalene-d8	10.03	136	385436	20.00	ng		-0.02
39) Acenaphthene-d10	13.95	164	193005	20.00	ng		-0.01
64) Phenanthrene-d10	16.71	188	356940	20.00	ng		-0.01
76) Chrysene-d12	20.94	240	378875	20.00	ng		0.00
86) Perylene-d12	23.01	264	413222	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.93	112	540600	87.03	ng		-0.02
7) Phenol-d6	6.50	99	714907	72.24	ng		-0.02
23) Nitrobenzene-d5	8.43	82	469530	51.97	ng		-0.02
42) 2,4,6-Tribromophenol	15.46	330	181751	64.65	ng		-0.01
45) 2-Fluorobiphenyl	12.55	172	825600	56.88	ng		-0.02
79) Terphenyl-d14	19.38	244	913412	47.45	ng		0.00
Target Compounds							Qvalue
50) Dimethylphthalate	13.42	163	170788	10.345	ng		99
71) Phenanthrene	16.75	178	54394	2.581	ng		99
75) Fluoranthene	18.79	202	137303	5.290	ng		98
78) Pyrene	19.15	202	144955	6.073	ng		99
81) Benzo(a)anthracene	20.92	228	77109	3.030	ng		97
83) Chrysene	20.98	228	82881	3.346	ng		97
88) Benzo(b)fluoranthene	22.41	252	110650	4.064	ng	#	87
90) Benzo(a)pyrene	22.92	252	76490	3.026	ng	#	87
92) Benzo(g,h,i)perylene	25.60	276	58035	2.536	ng	#	93

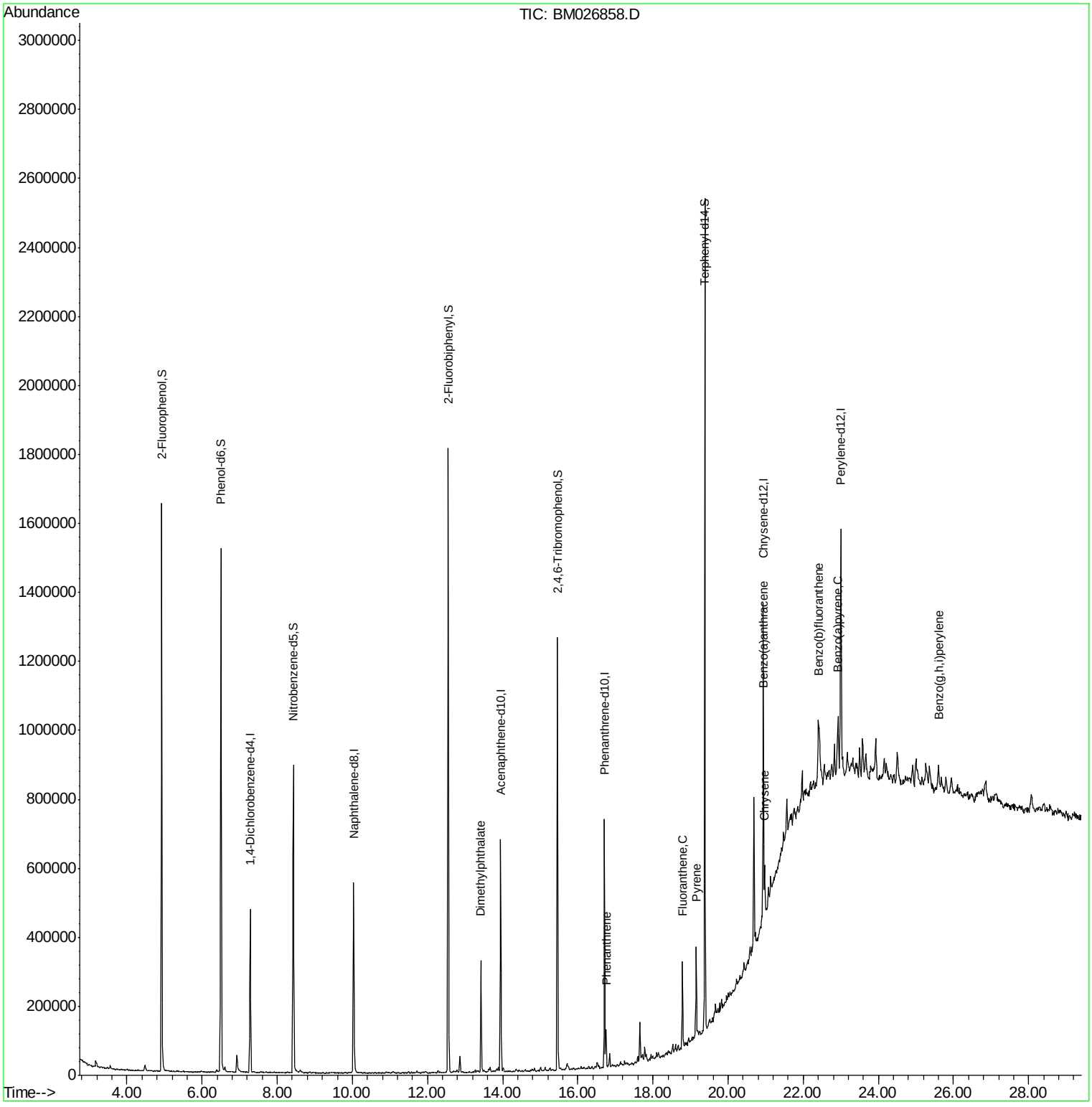
(#) = qualifier out of range (m) = manual integration (+) = signals summed

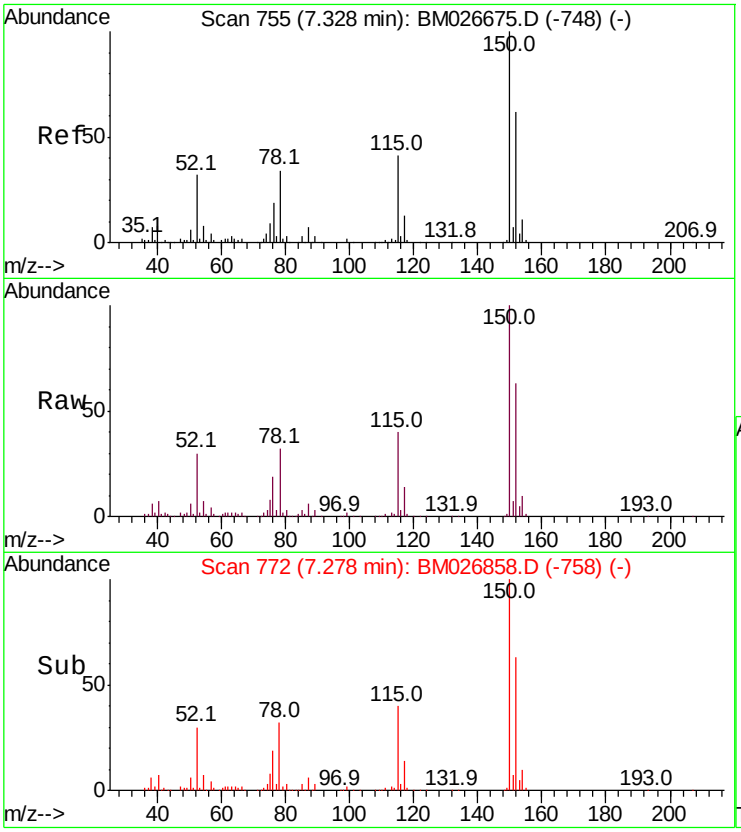
Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026858.D
Acq On : 23 Jul 2020 19:21
Operator : JU/CG
Sample : L3381-16
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
365-GRID-B6-B8

Quant Time: Jul 24 01:59:19 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM070820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 22 14:16:10 2020
Response via : Initial Calibration



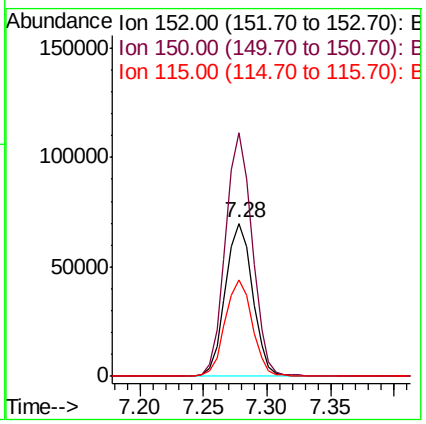


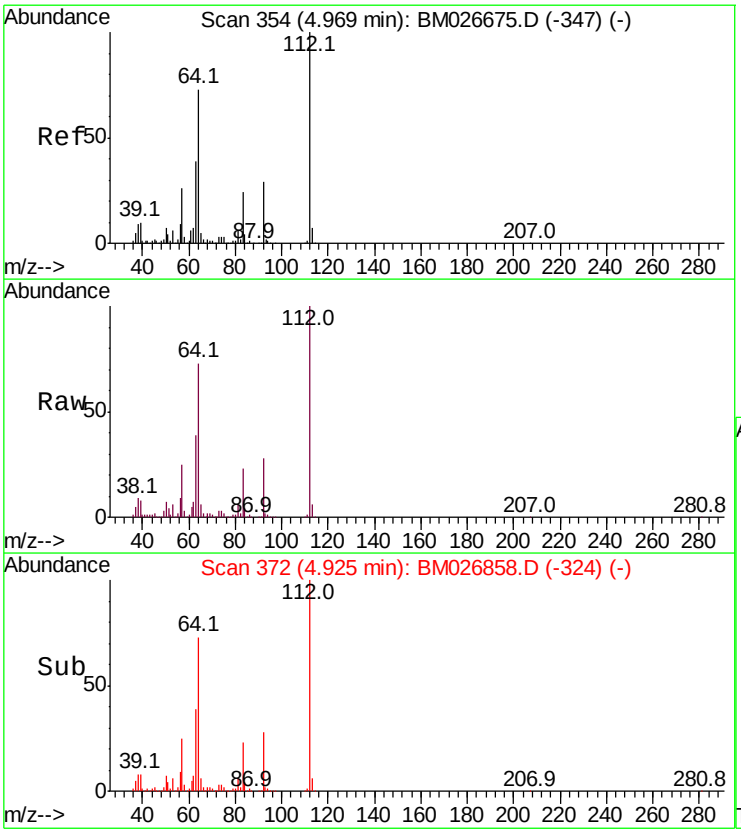
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.28 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Instrument :
BNA_M
ClientSampleId :
365-GRID-B6-B8

Tgt Ion:152 Resp: 104108

Ion	Ratio	Lower	Upper
152	100		
150	158.9	128.1	192.1
115	63.2	52.2	78.4

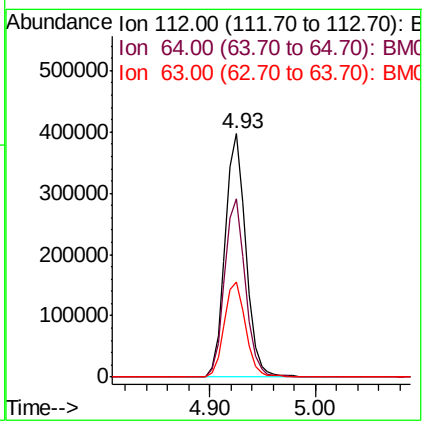


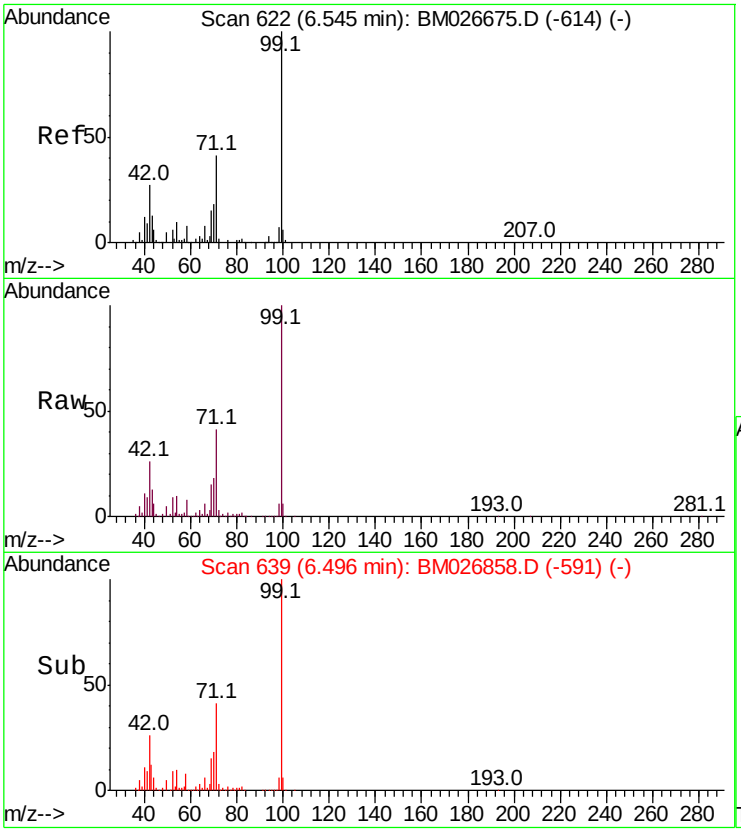


#5
2-Fluorophenol
Concen: 87.034 ng
RT: 4.93 min Scan# 372
Delta R.T. -0.02 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Tgt Ion:112 Resp: 540600

Ion	Ratio	Lower	Upper
112	100		
64	73.0	58.4	87.6
63	39.2	31.5	47.3



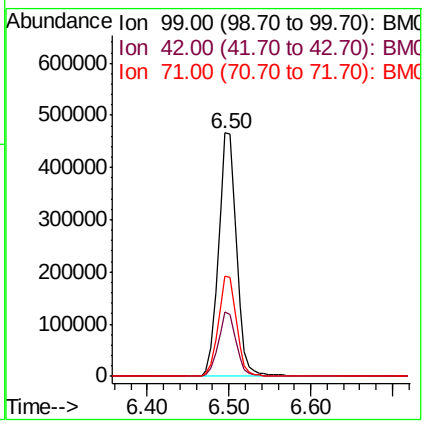


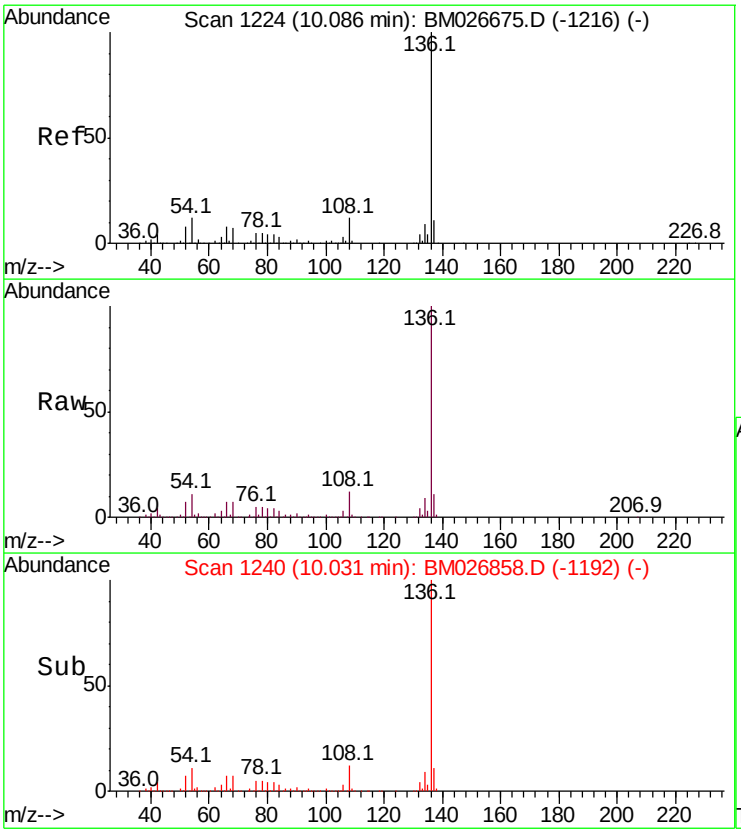
#7
Phenol-d6
Concen: 72.240 ng
RT: 6.50 min Scan# 639
Delta R.T. -0.02 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Instrument :
BNA_M
ClientSampleId :
365-GRID-B6-B8

Tgt Ion: 99 Resp: 714907

Ion	Ratio	Lower	Upper
99	100		
42	26.3	21.7	32.5
71	41.2	33.2	49.8

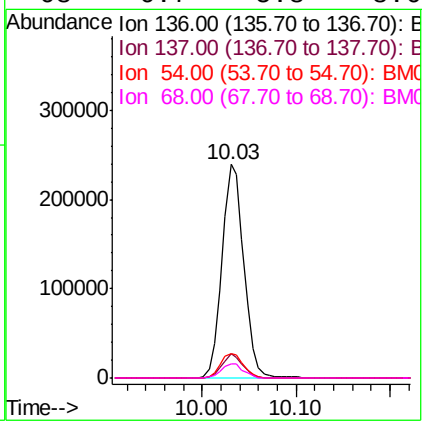


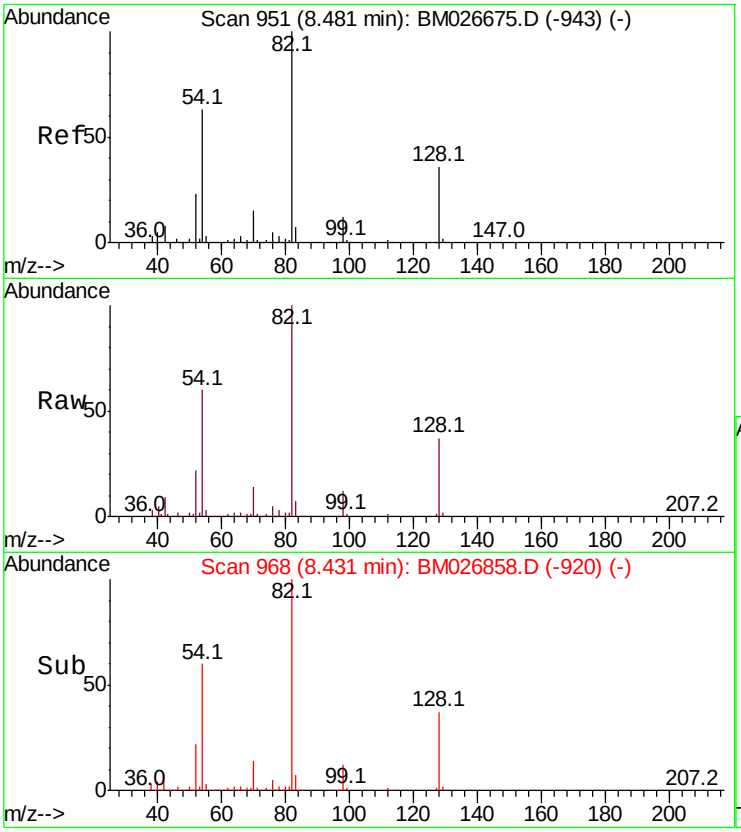


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.03 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Tgt Ion:136 Resp: 385436

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	11.3	9.8	14.6
68	6.7	5.8	8.6



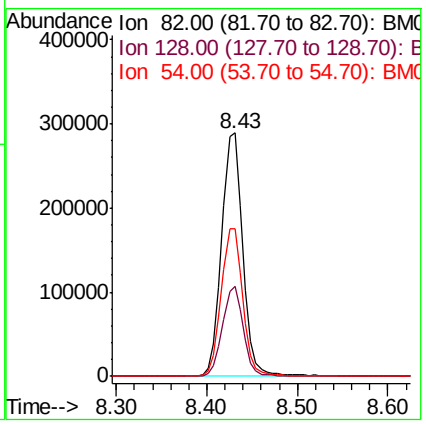


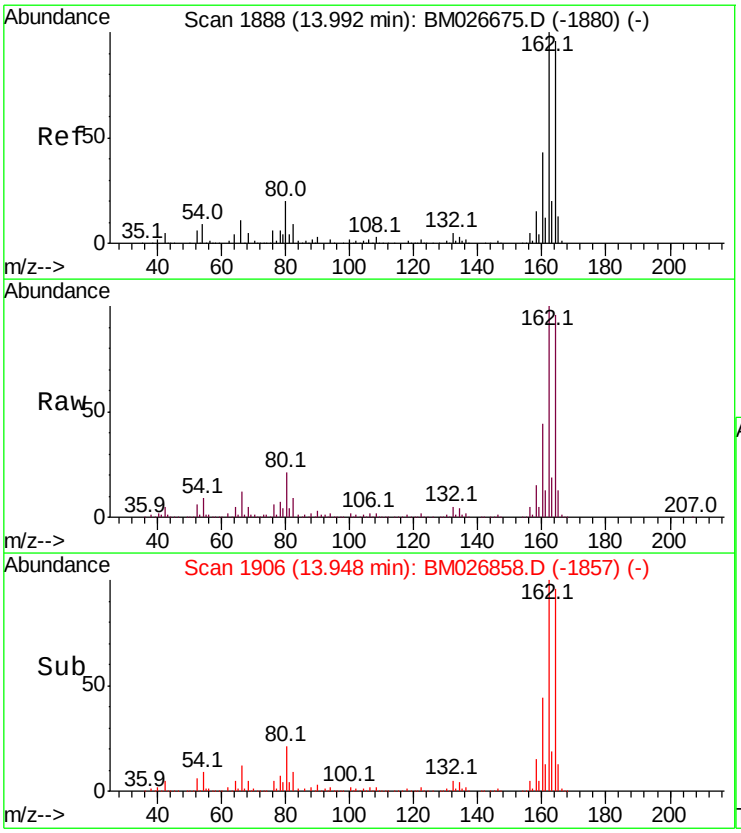
#23
Nitrobenzene-d5
Concen: 51.971 ng
RT: 8.43 min Scan# 968
Delta R.T. -0.02 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Instrument :
BNA_M
ClientSampleId :
365-GRID-B6-B8

Tgt Ion: 82 Resp: 469530

Ion	Ratio	Lower	Upper
82	100		
128	36.7	29.1	43.7
54	60.5	50.2	75.4

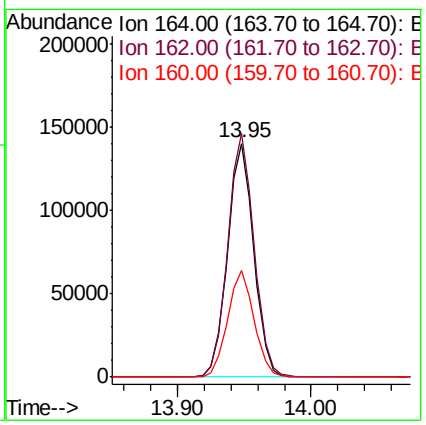


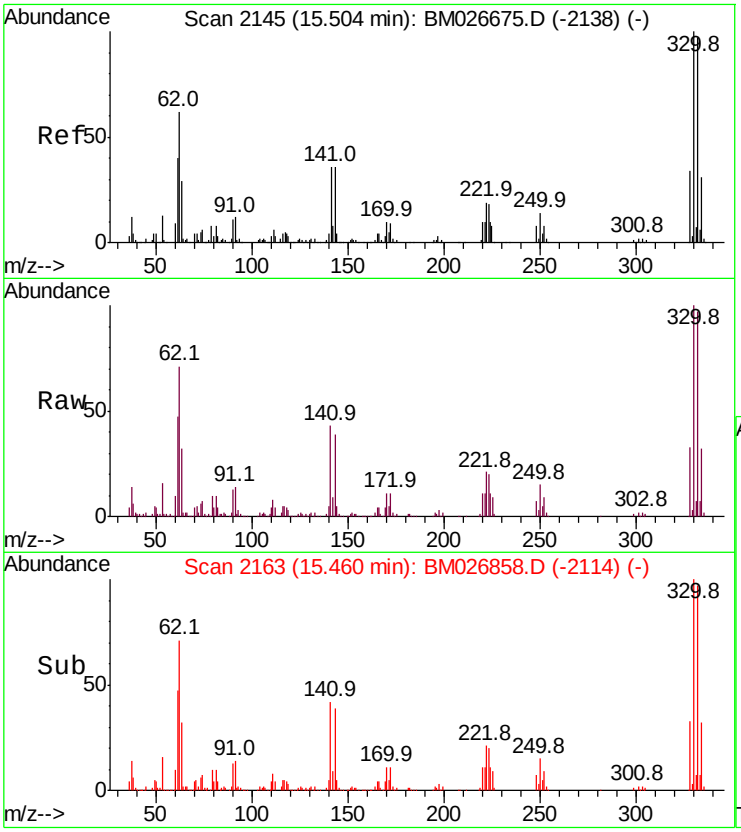


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.95 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Tgt Ion:164 Resp: 193005

Ion	Ratio	Lower	Upper
164	100		
162	104.2	83.7	125.5
160	45.7	36.2	54.2



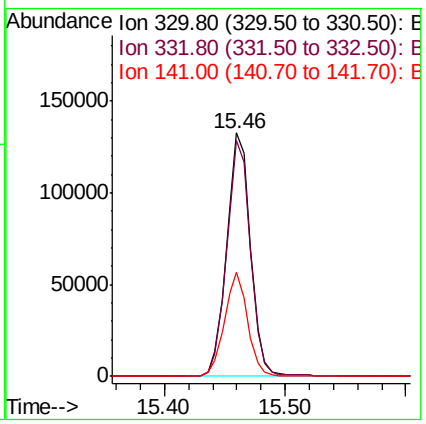


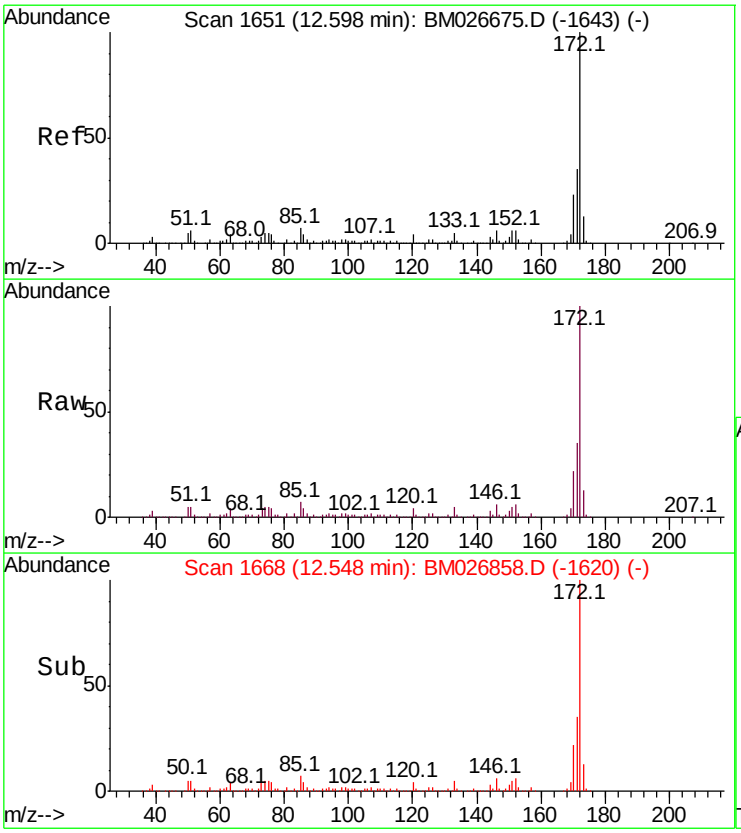
#42
2,4,6-Tribromophenol
Concen: 64.646 ng
RT: 15.46 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Instrument :
BNA_M
ClientSampleId :
365-GRID-B6-B8

Tgt Ion:330 Resp: 181751

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.5	116.3
141	41.2	32.4	48.6

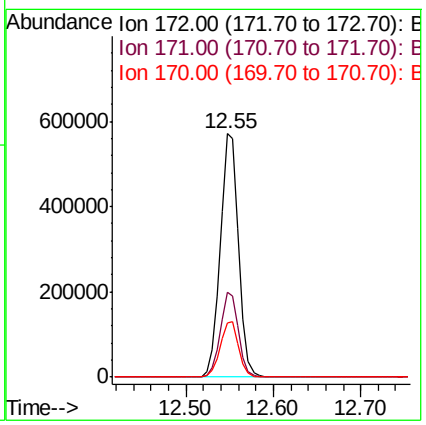


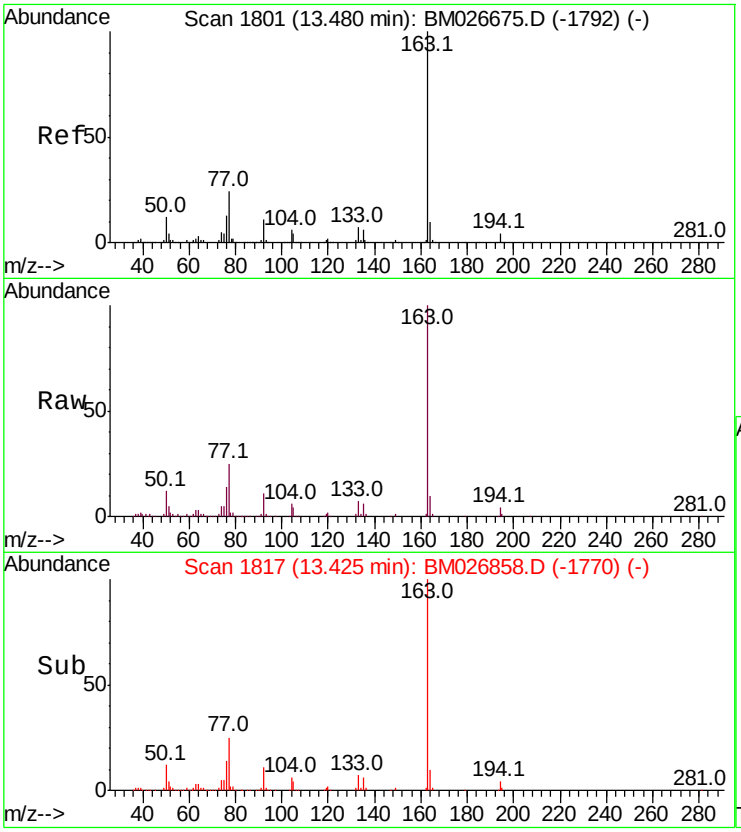


#45
2-Fluorobiphenyl
Concen: 56.876 ng
RT: 12.55 min Scan# 1668
Delta R.T. -0.02 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Tgt Ion:172 Resp: 825600

Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.6
170	22.4	18.5	27.7



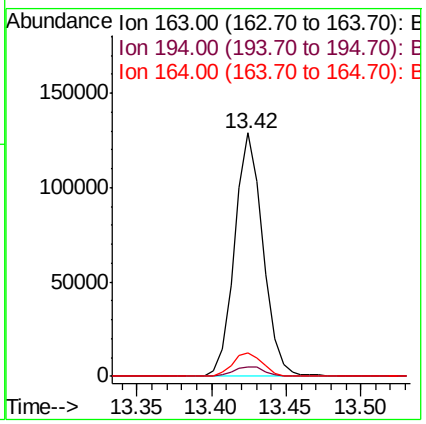


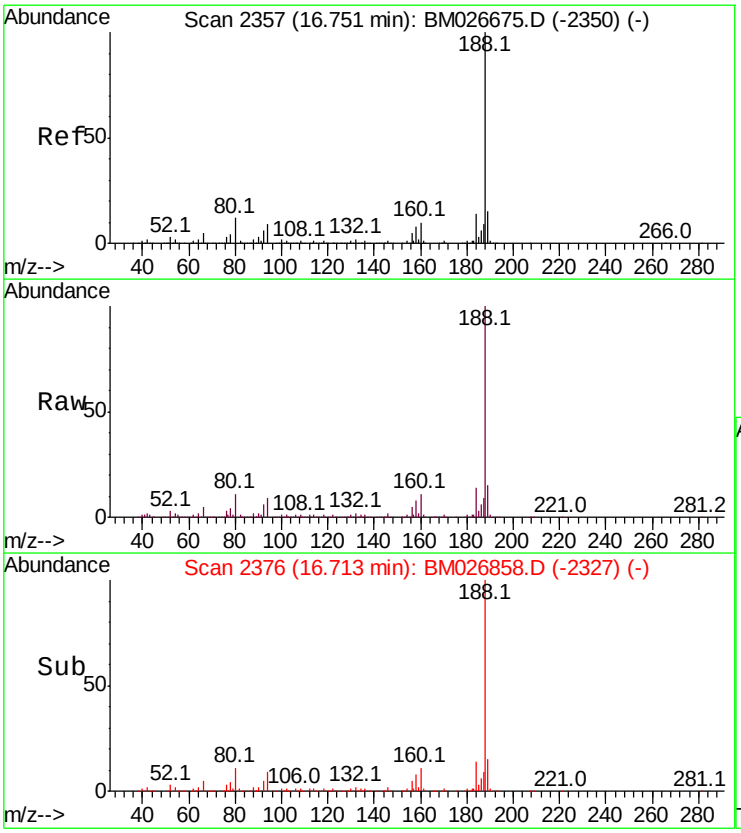
#50
Dimethylphthalate
Concen: 10.345 ng
RT: 13.42 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Instrument :
BNA_M
ClientSampleId :
365-GRID-B6-B8

Tgt Ion:163 Resp: 170788

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.5	7.8	11.6

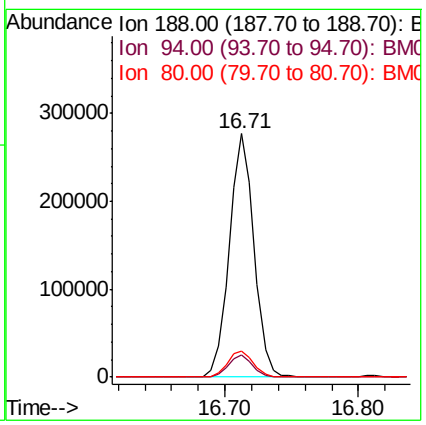


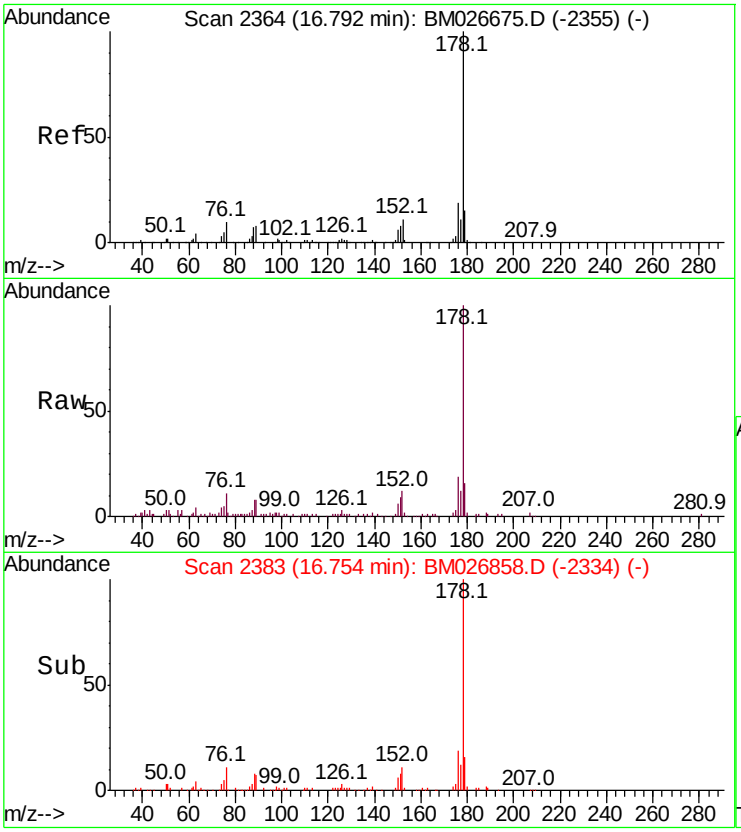


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Tgt Ion:188 Resp: 356940

Ion	Ratio	Lower	Upper
188	100		
94	9.3	7.4	11.0
80	10.9	9.3	13.9



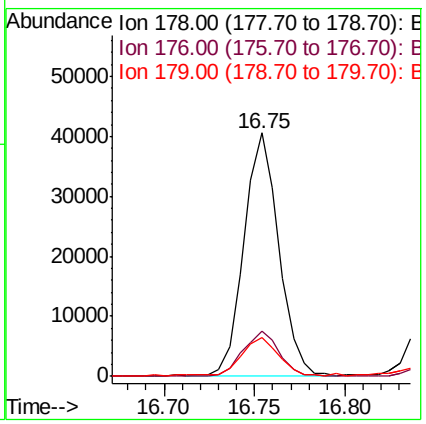


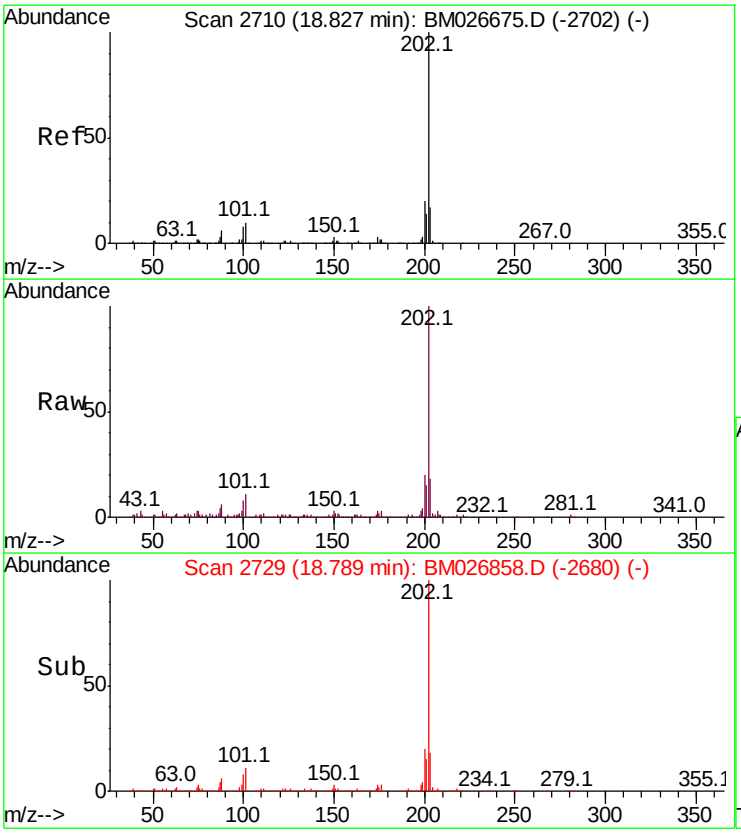
#71
Phenanthrene
Concen: 2.581 ng
RT: 16.75 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Instrument :
BNA_M
ClientSampleId :
365-GRID-B6-B8

Tgt Ion:178 Resp: 54394

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.8	12.1	18.1

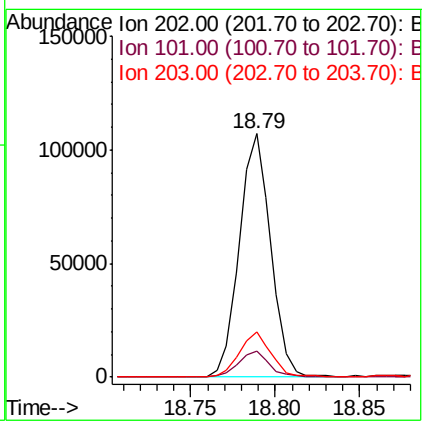


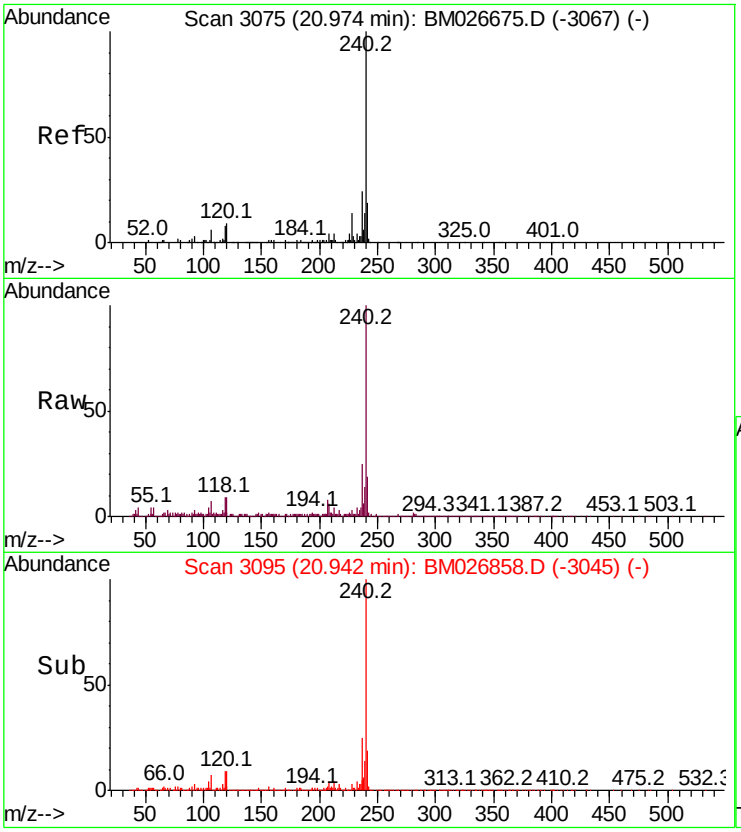


#75
Fluoranthene
Concen: 5.290 ng
RT: 18.79 min Scan# 2729
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Tgt Ion:202 Resp: 137303

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	30.1
203	18.5	0.0	37.2



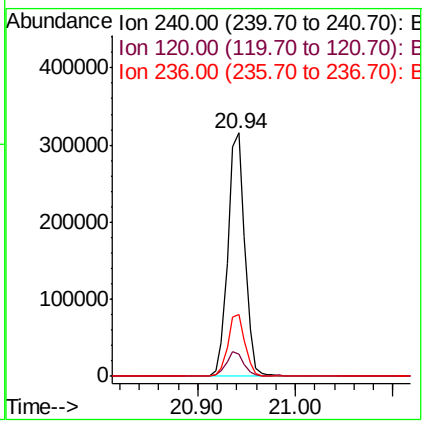


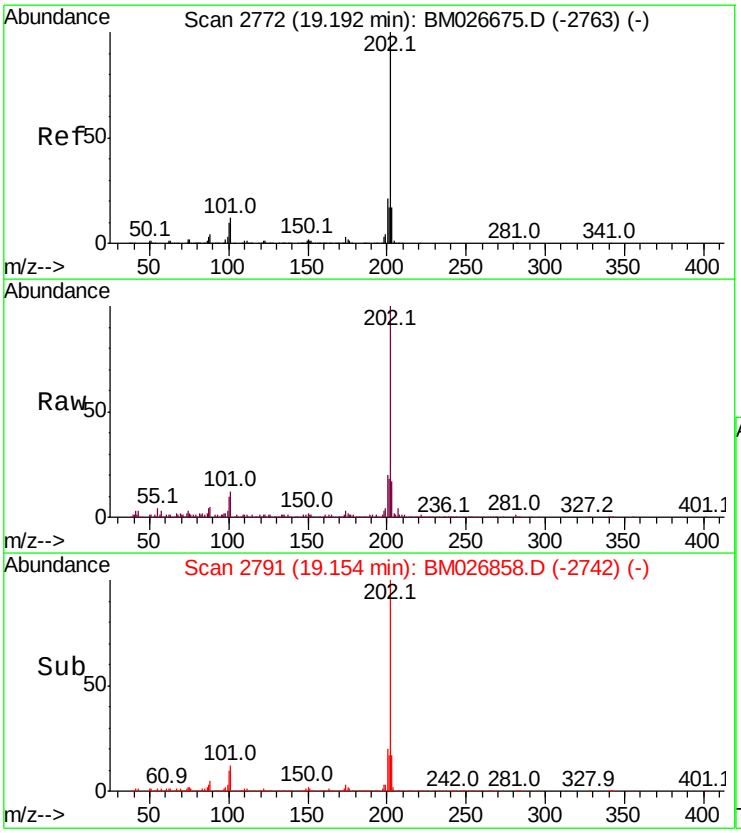
#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Instrument :
BNA_M
ClientSampleId :
365-GRID-B6-B8

Tgt Ion:240 Resp: 378875

Ion	Ratio	Lower	Upper
240	100		
120	9.0	7.3	10.9
236	25.1	19.4	29.2

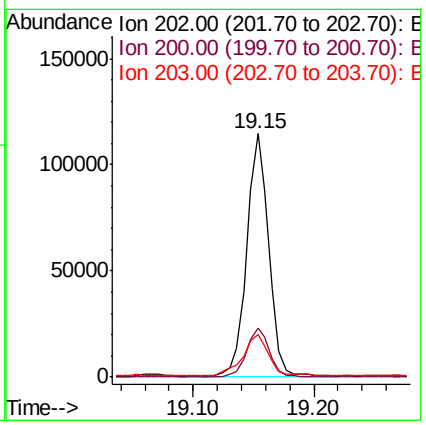


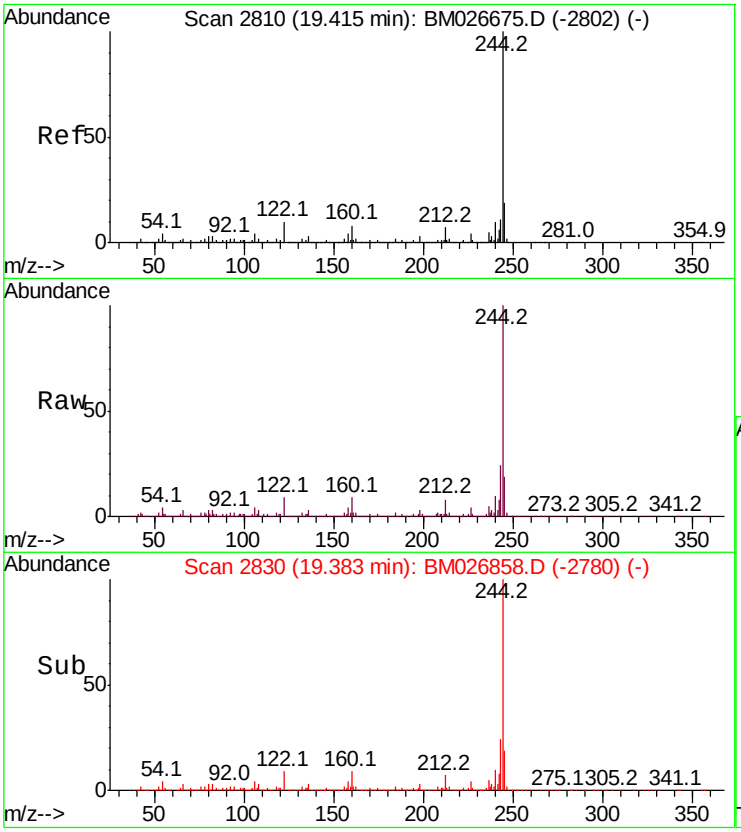


#78
Pyrene
Concen: 6.073 ng
RT: 19.15 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Tgt Ion:202 Resp: 144955

Ion	Ratio	Lower	Upper
202	100		
200	19.9	16.6	24.8
203	17.5	13.7	20.5



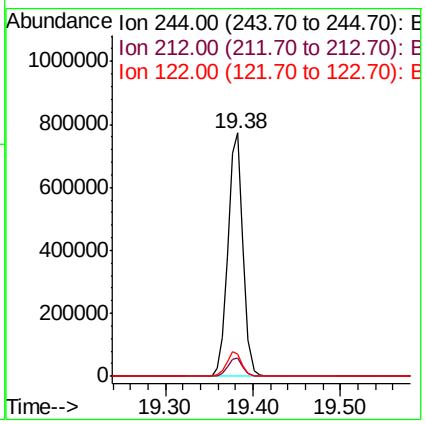


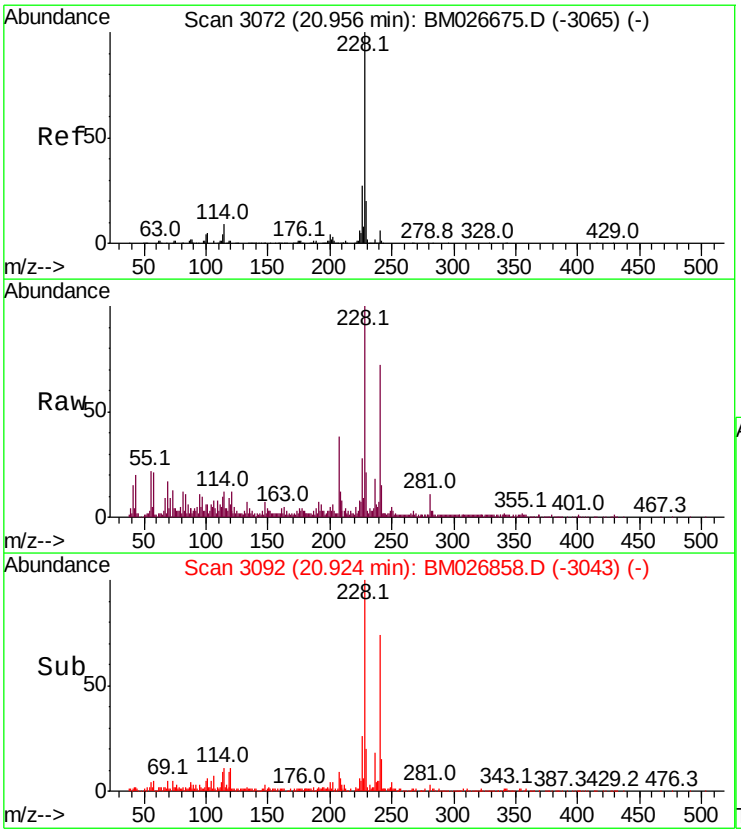
#79
Terphenyl-d14
Concen: 47.446 ng
RT: 19.38 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Instrument :
BNA_M
ClientSampleId :
365-GRID-B6-B8

Tgt Ion:244 Resp: 913412

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	9.3	8.2	12.4

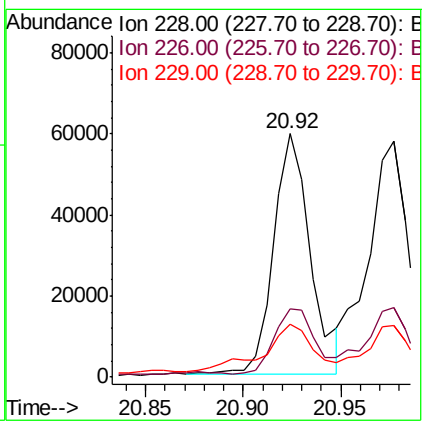


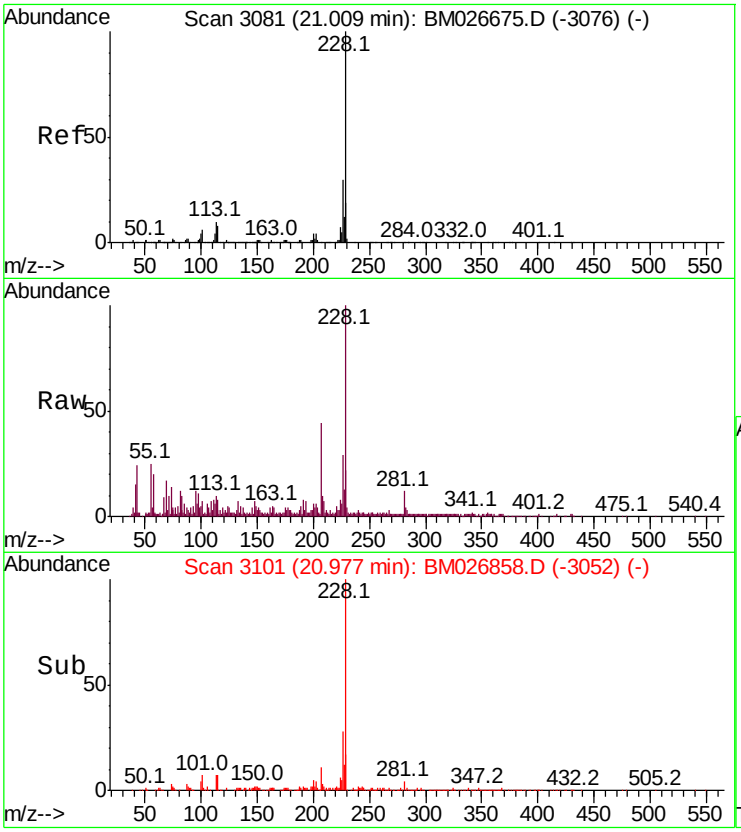


#81
Benzo(a)anthracene
Concen: 3.030 ng
RT: 20.92 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Tgt Ion:228 Resp: 77109

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.4	32.2
229	21.5	15.6	23.4



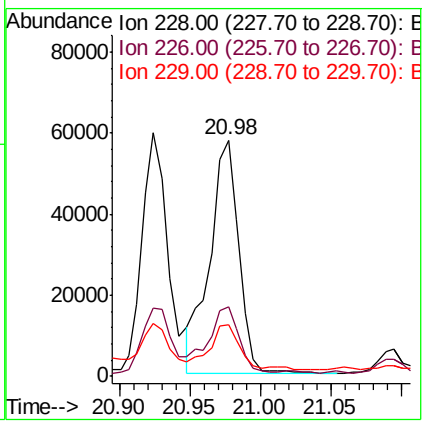


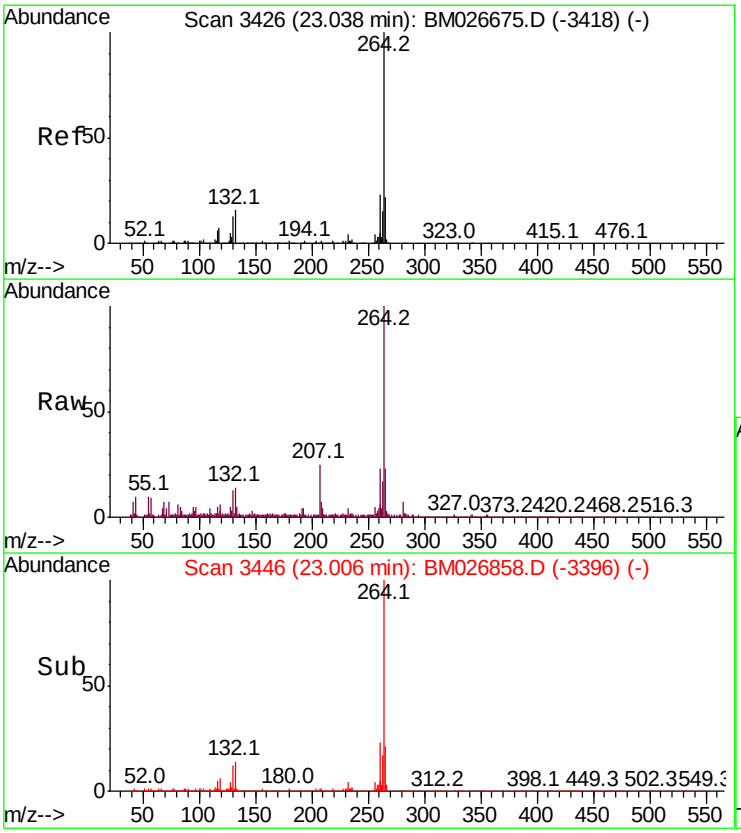
#83
Chrysene
Concen: 3.346 ng
RT: 20.98 min Scan# 3101
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Instrument :
BNA_M
ClientSampleId :
365-GRID-B6-B8

Tgt Ion:228 Resp: 82881

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.7	35.5
229	22.0	15.4	23.0

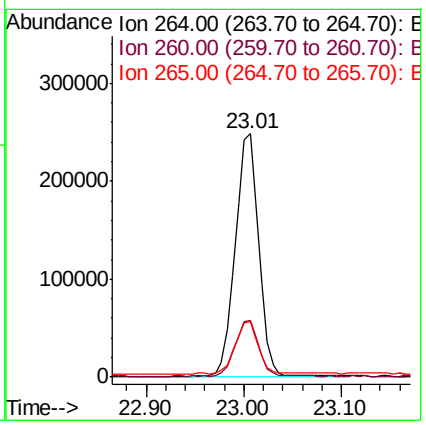


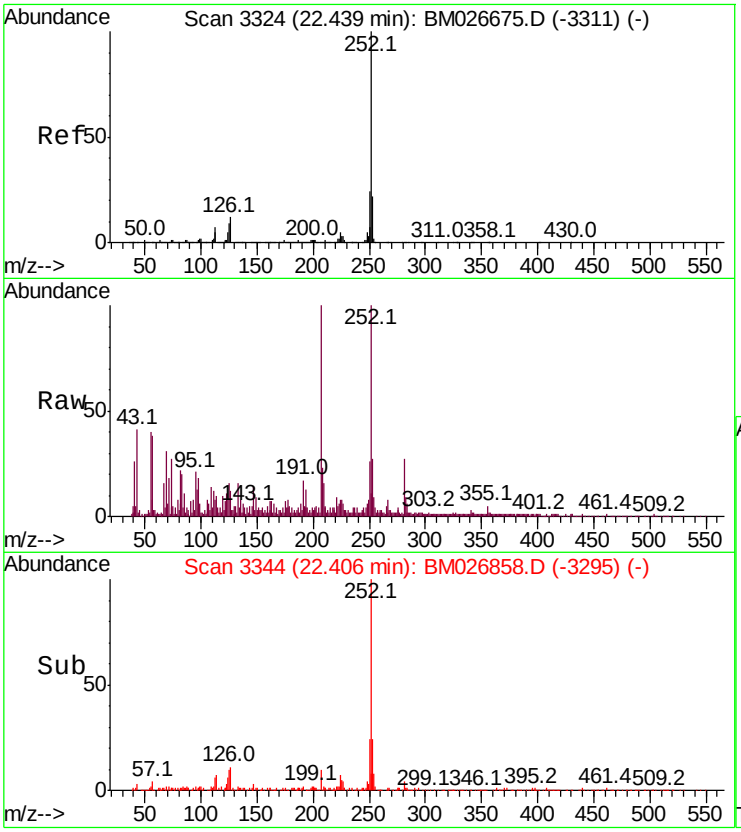


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3446
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Tgt Ion:264 Resp: 413222

Ion	Ratio	Lower	Upper
264	100		
260	23.5	18.2	27.2
265	22.5	17.6	26.4



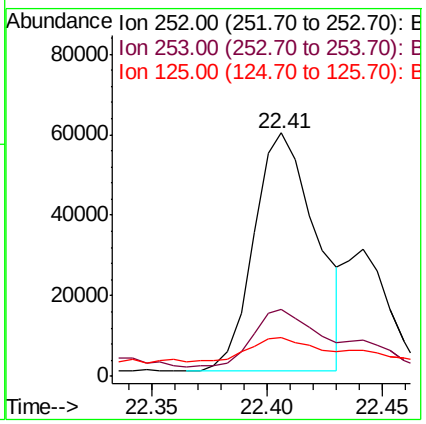


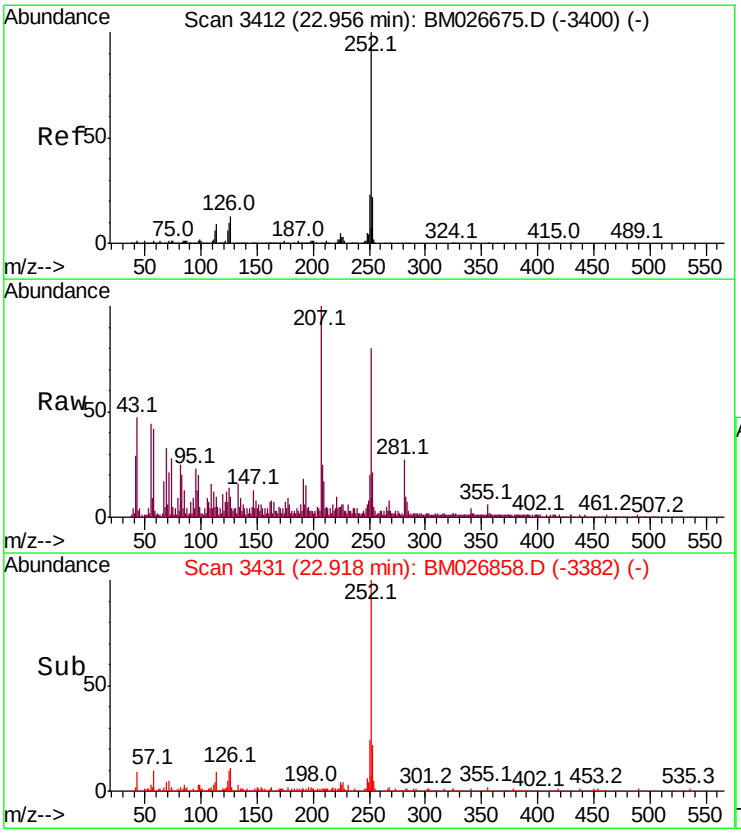
#88
Benzo(b)fluoranthene
Concen: 4.064 ng
RT: 22.41 min Scan# 3344
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Instrument :
BNA_M
ClientSampleId :
365-GRID-B6-B8

Tgt Ion:252 Resp: 110650

Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.5	26.3#
125	15.7	7.5	11.3#

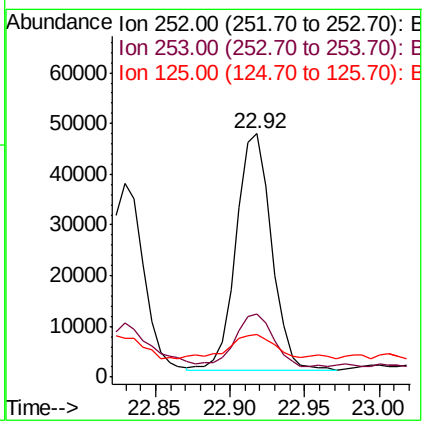


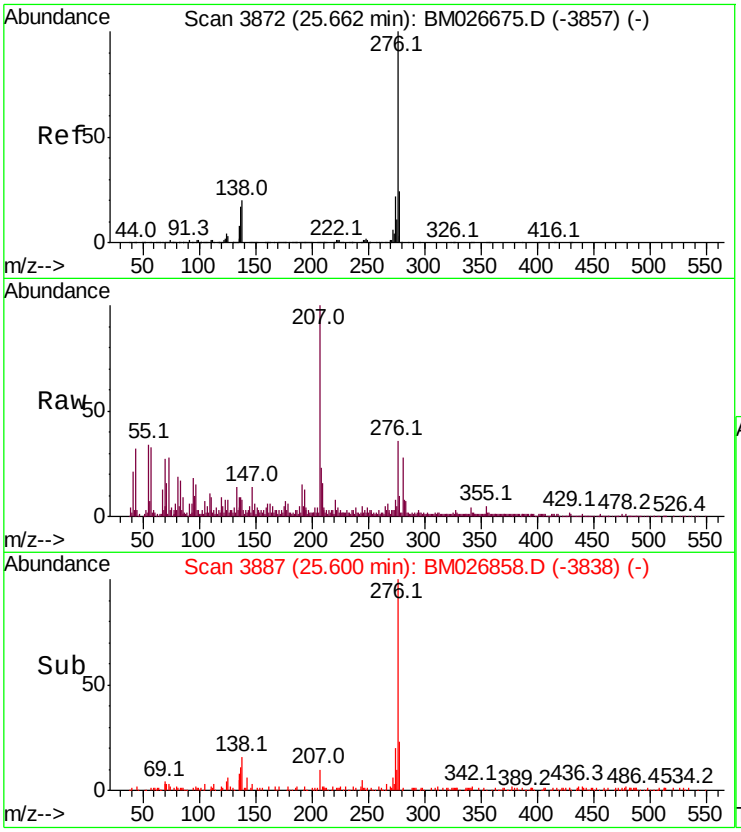


#90
Benzo(a)pyrene
Concen: 3.026 ng
RT: 22.92 min Scan# 3431
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Tgt Ion:252 Resp: 76490

Ion	Ratio	Lower	Upper
252	100		
253	26.2	17.4	26.2#
125	17.7	8.2	12.4#





#92
Benzo(g,h,i)perylene
Concen: 2.536 ng
RT: 25.60 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BM026858.D
Acq: 23 Jul 2020 19:21

Instrument :
BNA_M
ClientSampleId :
365-GRID-B6-B8

Tgt Ion:276 Resp: 58035

Ion	Ratio	Lower	Upper
276	100		
277	29.0	19.1	28.7#
138	21.3	15.8	23.8