Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026851.D
Acq On : 23 Jul 2020 15:04
Operator : JU/CG
Sample : L3184-13RXRE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId :

Quant Time: Jul 23 15:36:57 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	94040	20.00	ng		-0.02
21) Naphthalene-d8	10.03	136	358550	20.00	ng		-0.02
39) Acenaphthene-d10	13.95	164	203540	20.00	ng		-0.01
64) Phenanthrene-d10	16.71	188	416166	20.00	ng		-0.01
76) Chrysene-d12	20.94	240	453178	20.00	ng		0.00
86) Perylene-d12	23.01	264	481957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	4.92	112	512734	91.39	ng		-0.02
7) Phenol-d6	6.50	99	670944	75.06	ng		-0.02
23) Nitrobenzene-d5	8.42	82	459126	54.63	ng		-0.02
42) 2,4,6-Tribromophenol	15.46	330	223793	75.48	ng		-0.01
45) 2-Fluorobiphenyl	12.55	172	849811	55.51	ng		-0.02
79) Terphenyl-d14	19.38	244	1183358	51.39	ng		0.00
Target Compounds							Qvalue
32) Benzoic acid	9.46	122	138	7.125	ng	#	1
50) Dimethylphthalate	13.42	163	108441	6.229	ng		98
56) 4-Nitrophenol	14.21	139	406	4.027	ng	#	1
62) 4-Nitroaniline	14.84	138	521	3.249	ng		87
65) 4,6-Dinitro-2-methylphenol	15.15	198	109	4.566	ng	#	1
71) Phenanthrene	16.75	178	193473	7.875	ng		100
72) Anthracene	16.84	178	66013	2.699	ng		97
75) Fluoranthene	18.78	202	380967	12.590	ng		97
78) Pyrene	19.15	202	373426	13.081	ng		98
81) Benzo(a)anthracene	20.92	228	191819	6.301	ng		94
83) Chrysene	20.92	228	191819	6.474	ng		96
87) Indeno(1,2,3-cd)pyrene	25.01	276	126595	3.690	ng		96
88) Benzo(b)fluoranthene	22.41	252	336313	10.591	ng	#	76
89) Benzo(k)fluoranthene	22.41	252	336313	10.797	ng	#	76
90) Benzo(a)pyrene	22.92	252	189475	6.427	ng	#	84
92) Benzo(g,h,i)perylene	25.61	276	128713	4.823	ng	#	86

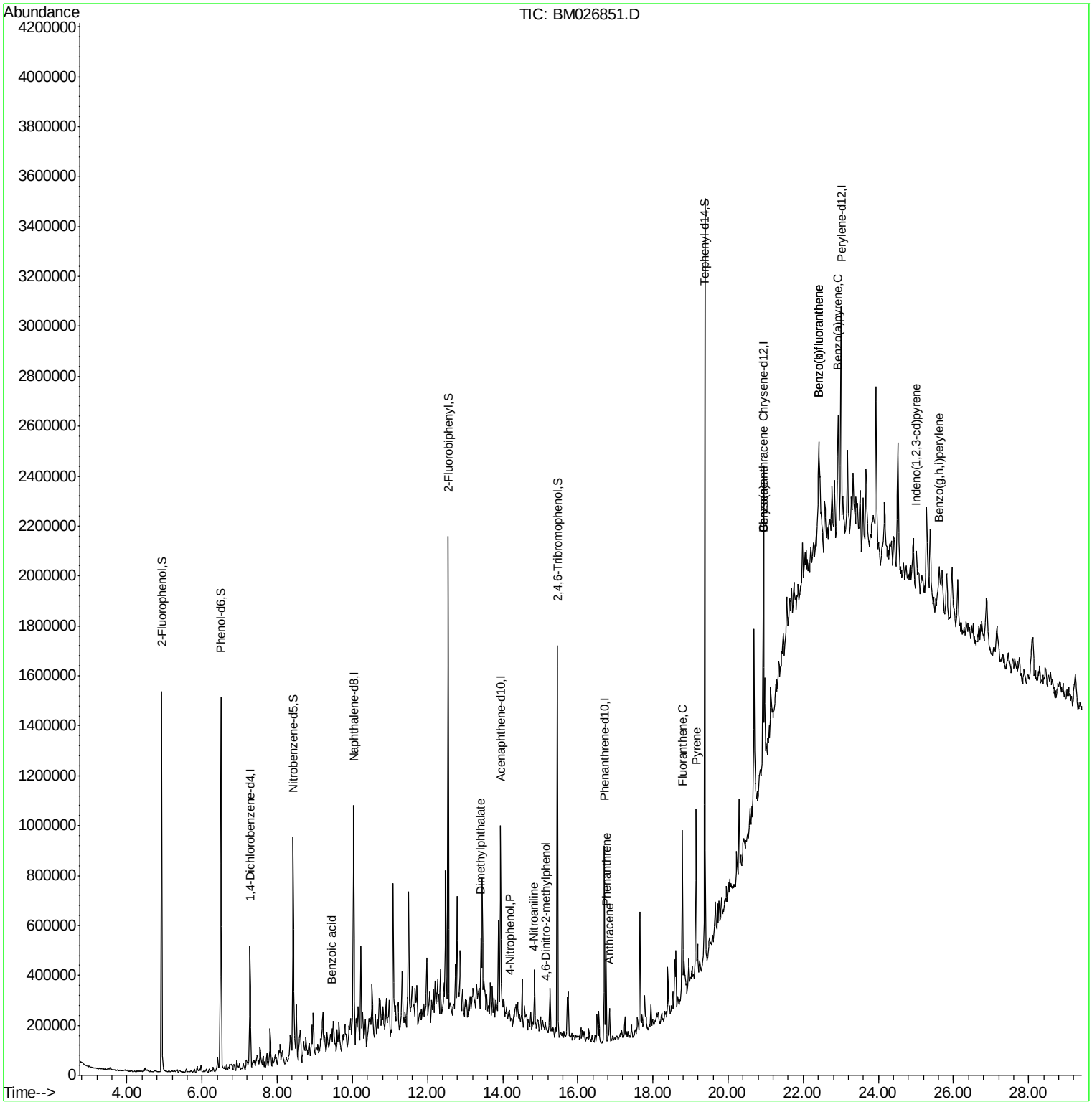
(#) = qualifier out of range (m) = manual integration (+) = signals summed

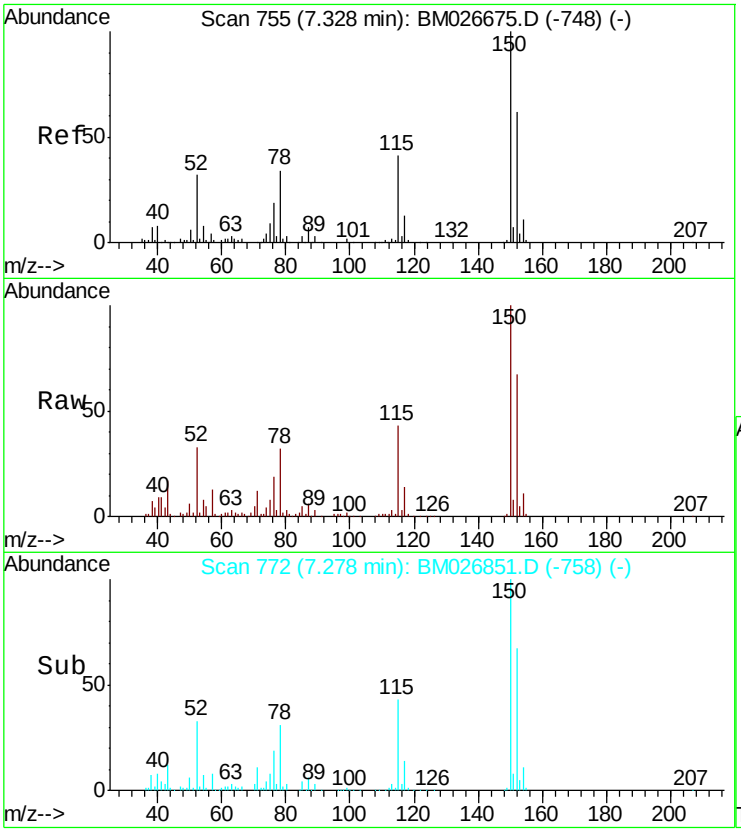
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072320\
Data File : BM026851.D
Acq On : 23 Jul 2020 15:04
Operator : JU/CG
Sample : L3184-13RXRE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Jul 23 15:36:57 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



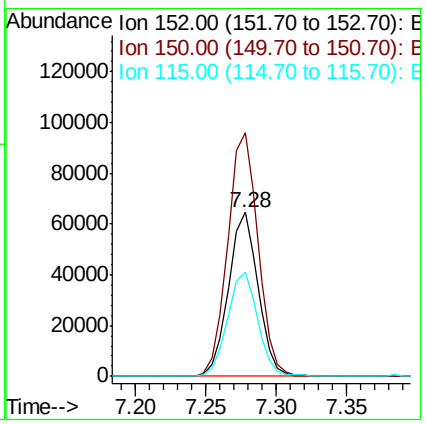


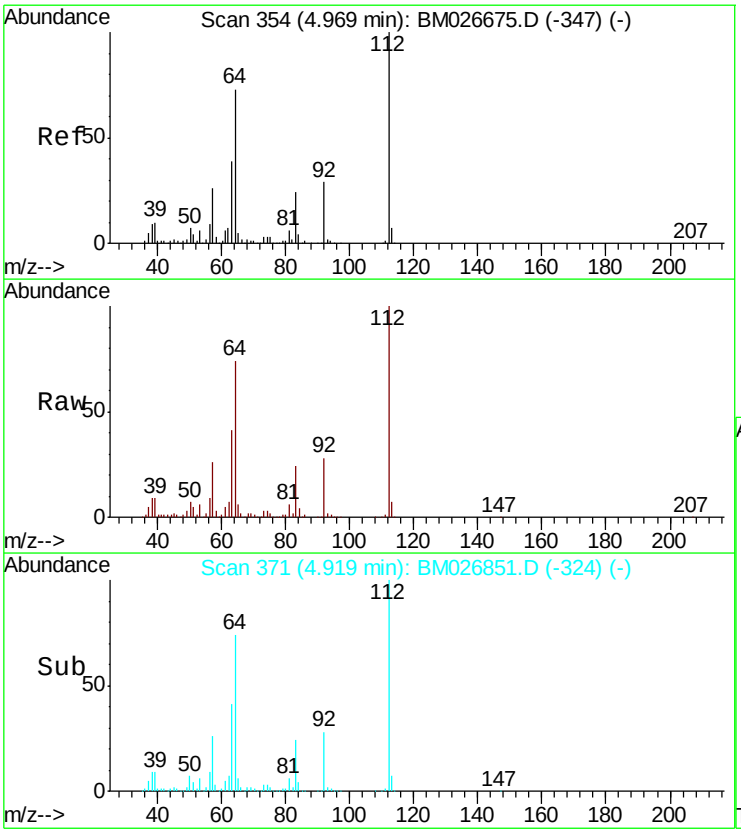
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.28 min Scan# 772
Delta R.T. -0.02 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:152 Resp: 94040

Ion	Ratio	Lower	Upper
152	100		
150	148.6	128.1	192.1
115	63.3	52.2	78.4

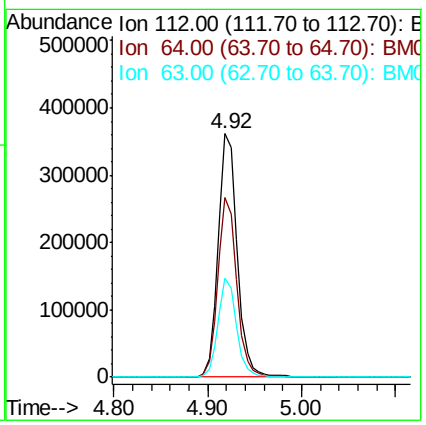


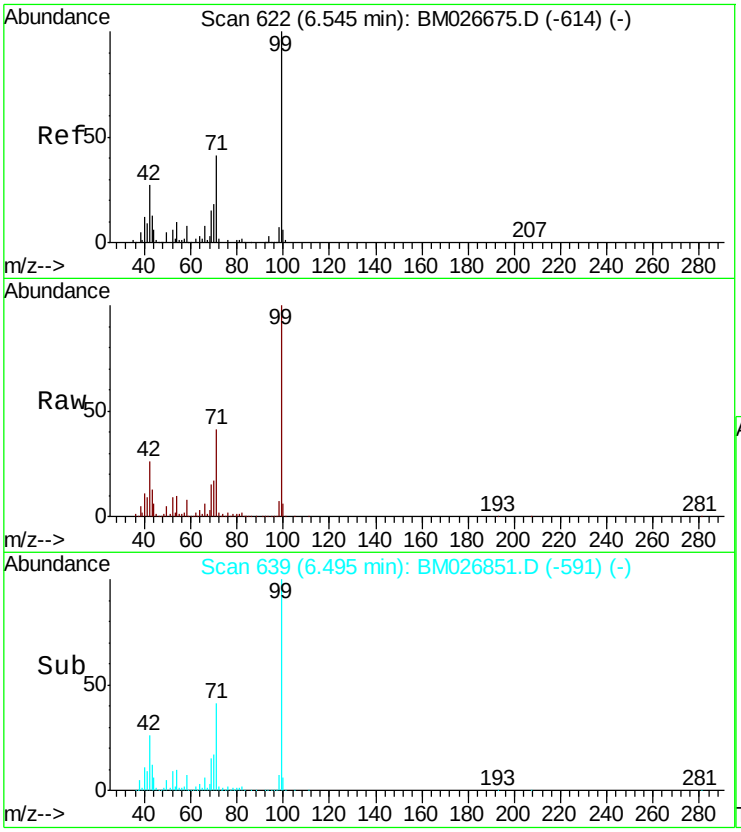


#5
2-Fluorophenol
Concen: 91.386 ng
RT: 4.92 min Scan# 371
Delta R.T. -0.02 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:112 Resp: 512734

Ion	Ratio	Lower	Upper
112	100		
64	73.6	58.4	87.6
63	40.6	31.5	47.3

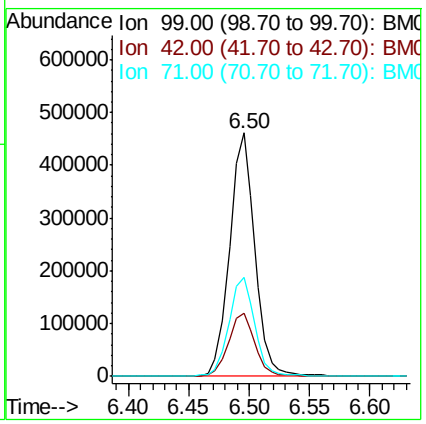




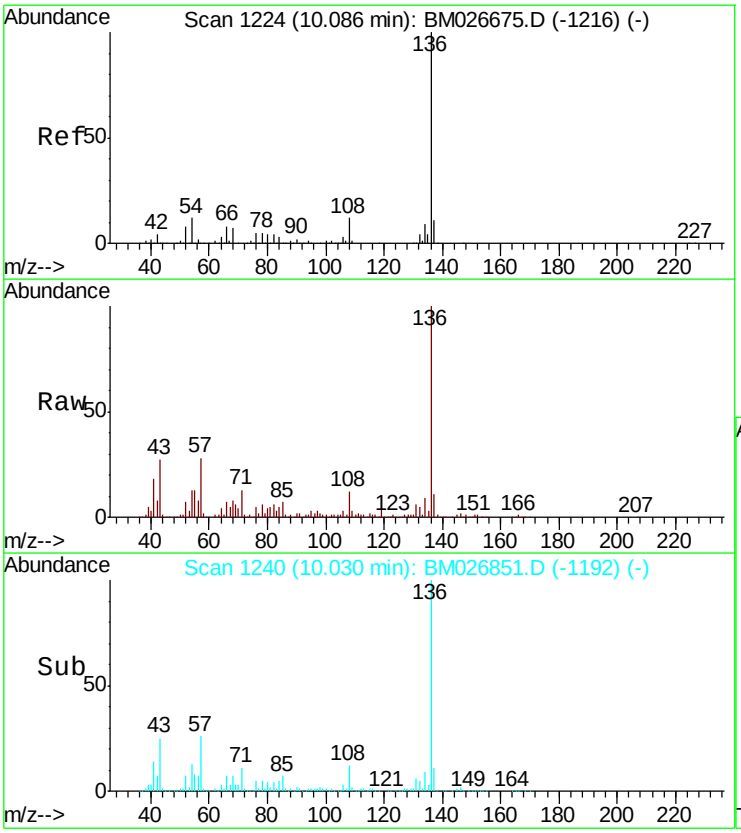
#7
Phenol-d6
Concen: 75.056 ng
RT: 6.50 min Scan# 639
Delta R.T. -0.02 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion: 99 Resp: 670944

Ion	Ratio	Lower	Upper
99	100		
42	26.0	21.7	32.5
71	40.6	33.2	49.8



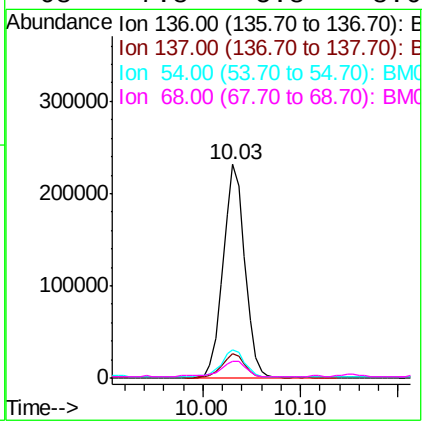
Instrument :
BNA_M
ClientSampleId :

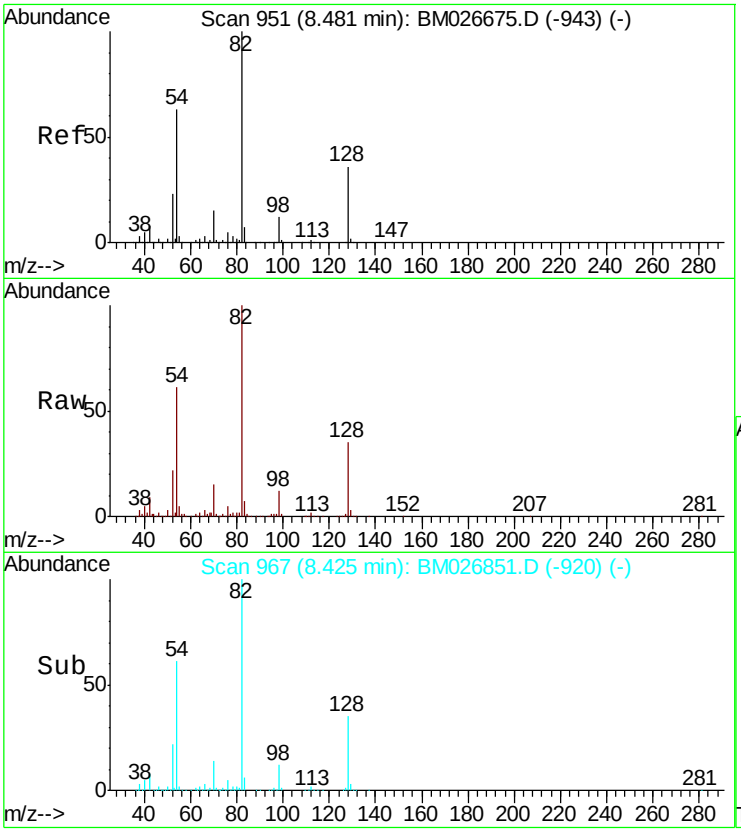


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.03 min Scan# 1240
Delta R.T. -0.02 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:136 Resp: 358550

Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	12.8
54	13.0	9.8	14.6
68	7.8	5.8	8.6



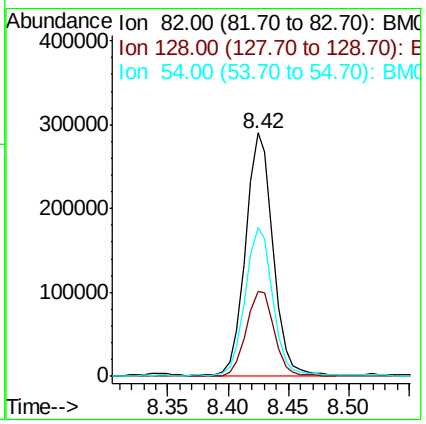


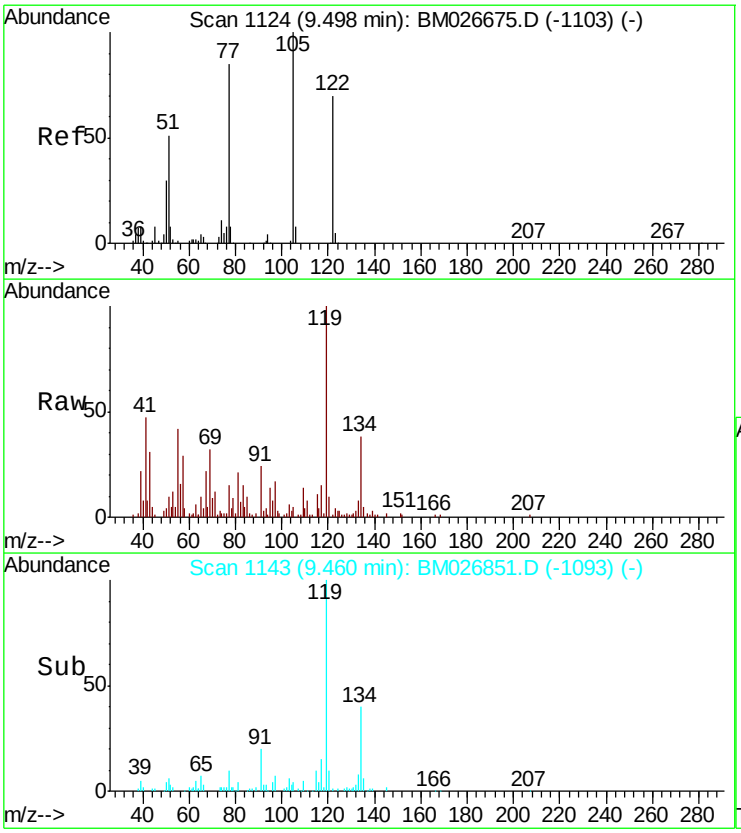
#23
Nitrobenzene-d5
Concen: 54.630 ng
RT: 8.42 min Scan# 967
Delta R.T. -0.02 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion: 82 Resp: 459126

Ion	Ratio	Lower	Upper
82	100		
128	35.0	29.1	43.7
54	61.1	50.2	75.4

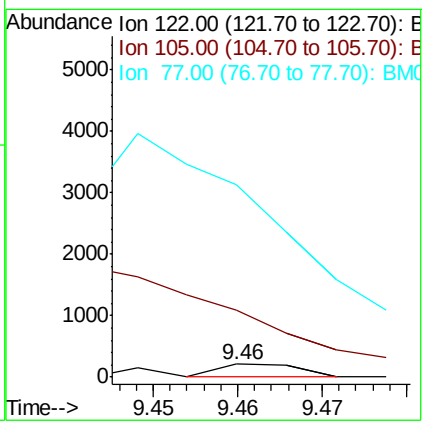


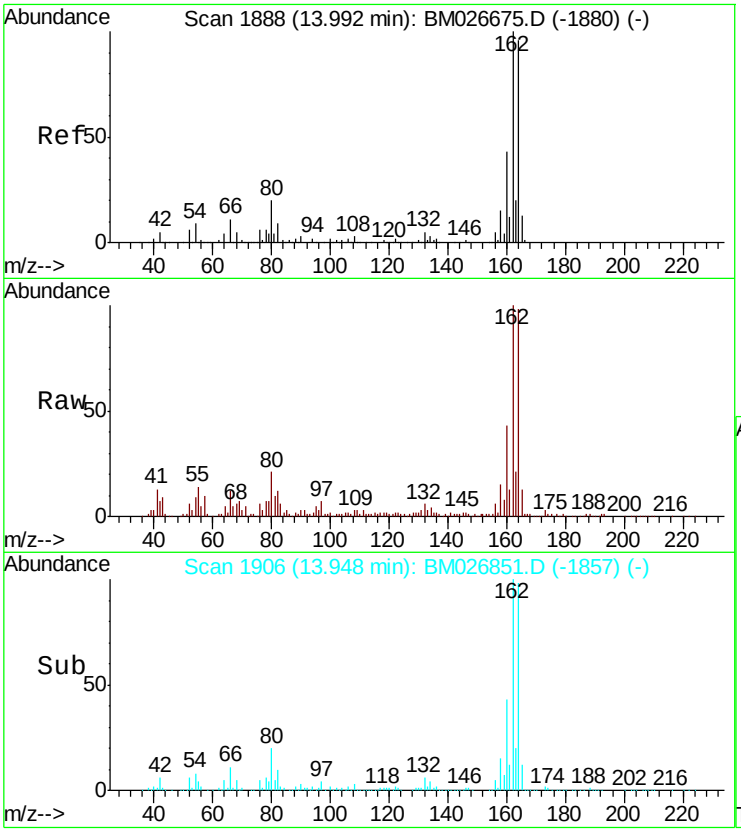


#32
Benzoic acid
Concen: 7.125 ng
RT: 9.46 min Scan# 1143
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:122 Resp: 138

Ion	Ratio	Lower	Upper
122	100		
105	523.7	120.9	160.9#
77	1513.5	100.0	140.0#



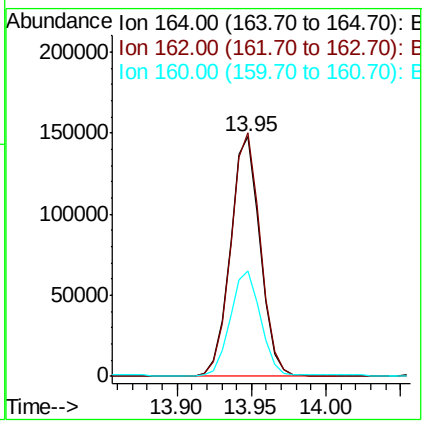


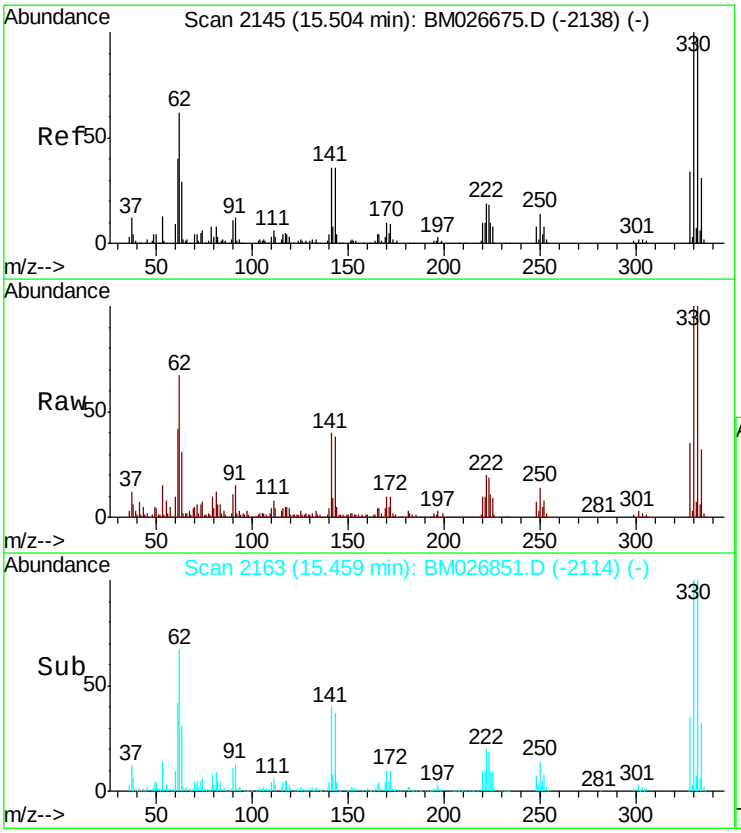
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.95 min Scan# 1906
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:164 Resp: 203540

Ion	Ratio	Lower	Upper
164	100		
162	101.8	83.7	125.5
160	44.1	36.2	54.2

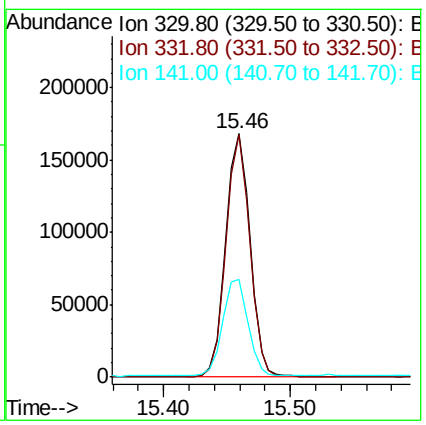


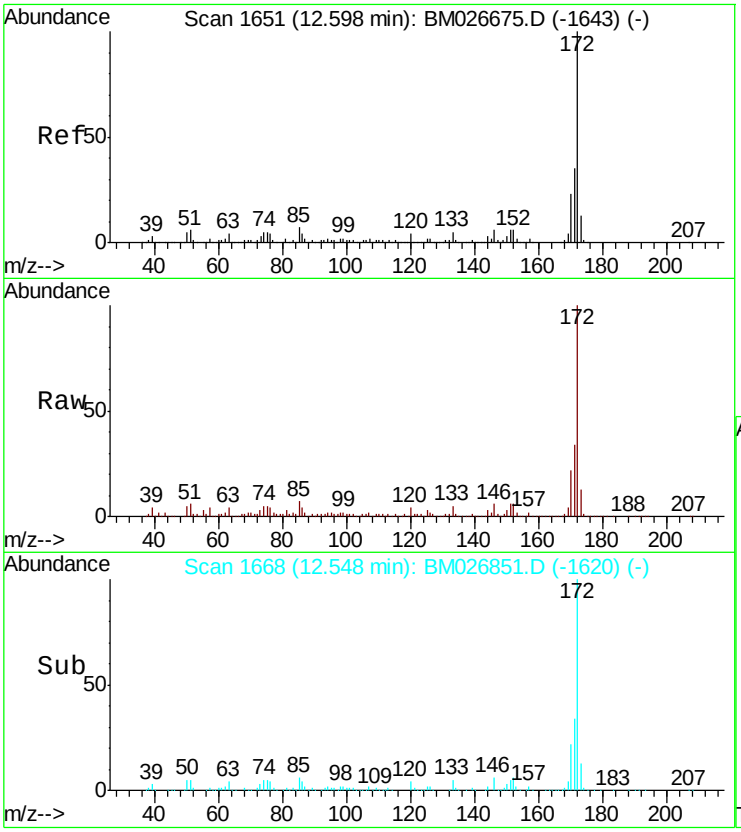


#42
2,4,6-Tribromophenol
Concen: 75.479 ng
RT: 15.46 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:330 Resp: 223793

Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.5	116.3
141	40.9	32.4	48.6



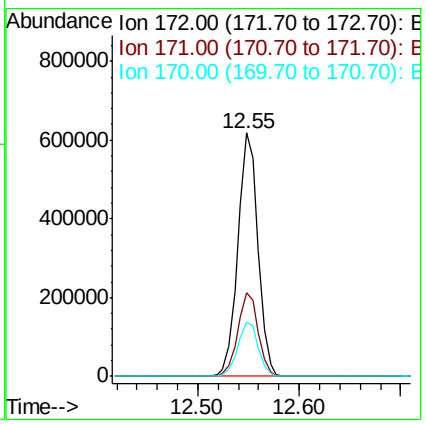


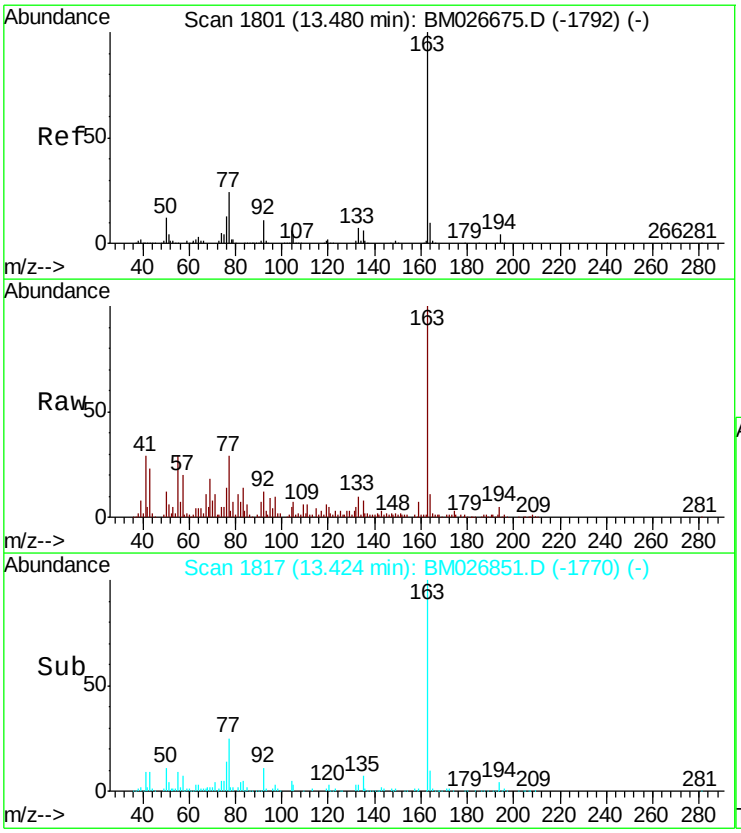
#45
2-Fluorobiphenyl
Concen: 55.514 ng
RT: 12.55 min Scan# 1668
Delta R.T. -0.02 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:172 Resp: 849811

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.8	41.6
170	22.4	18.5	27.7

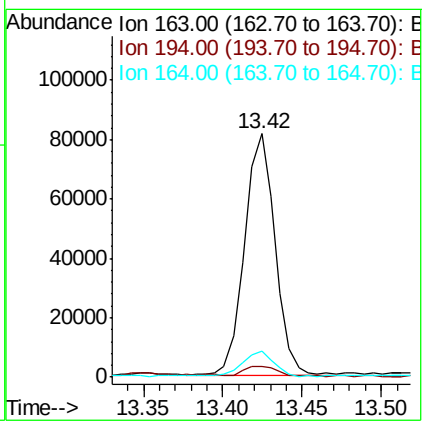


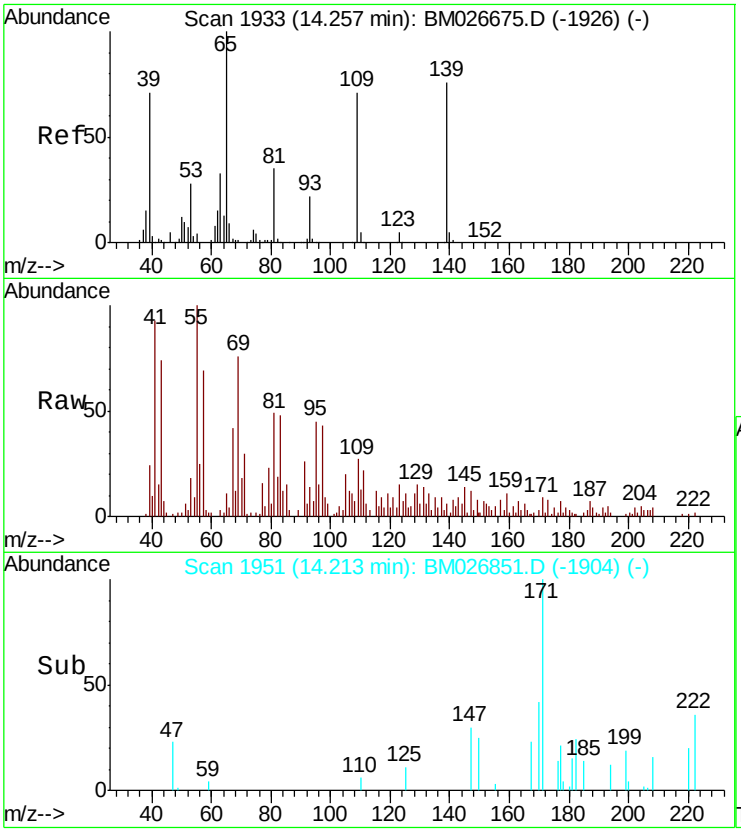


#50
Dimethylphthalate
Concen: 6.229 ng
RT: 13.42 min Scan# 1817
Delta R.T. -0.02 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:163 Resp: 108441

Ion	Ratio	Lower	Upper
163	100		
194	4.6	3.4	5.2
164	10.5	7.8	11.6



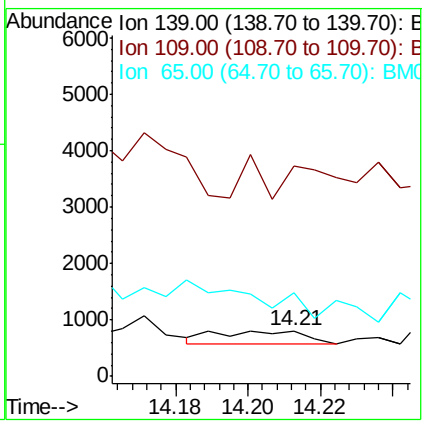


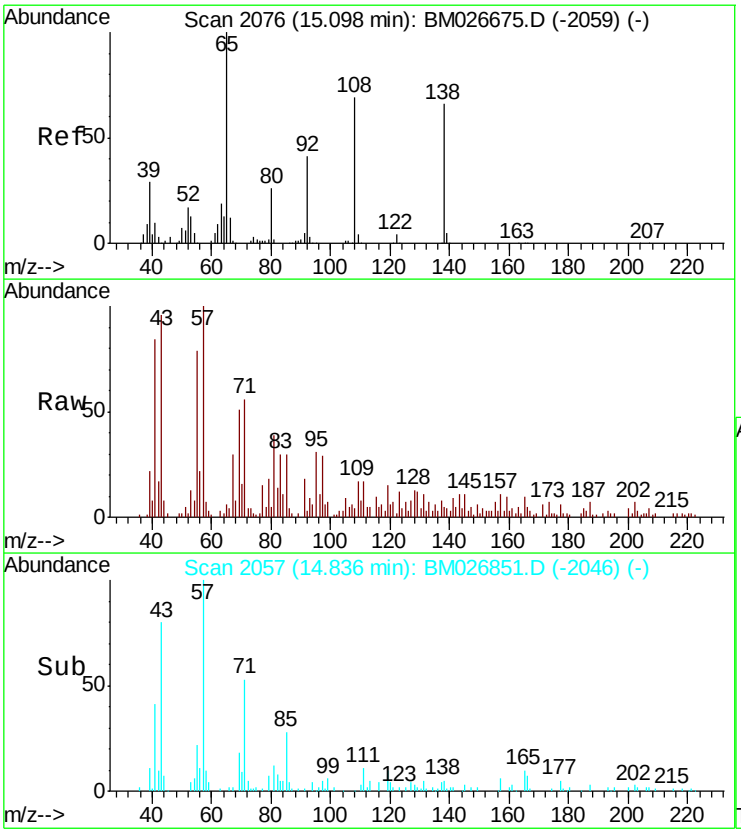
#56
4-Nitrophenol
Concen: 4.027 ng
RT: 14.21 min Scan# 1951
Delta R.T. -0.02 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:139 Resp: 406

Ion	Ratio	Lower	Upper
139	100		
109	459.0	73.7	113.7#
65	182.6	111.5	151.5#

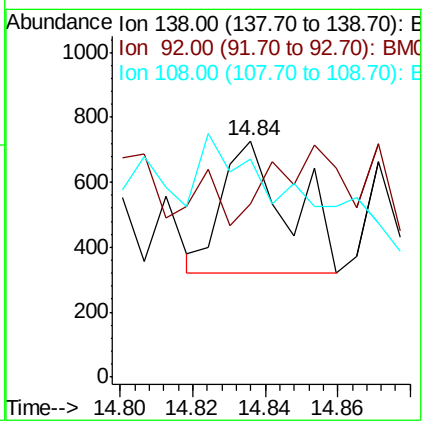


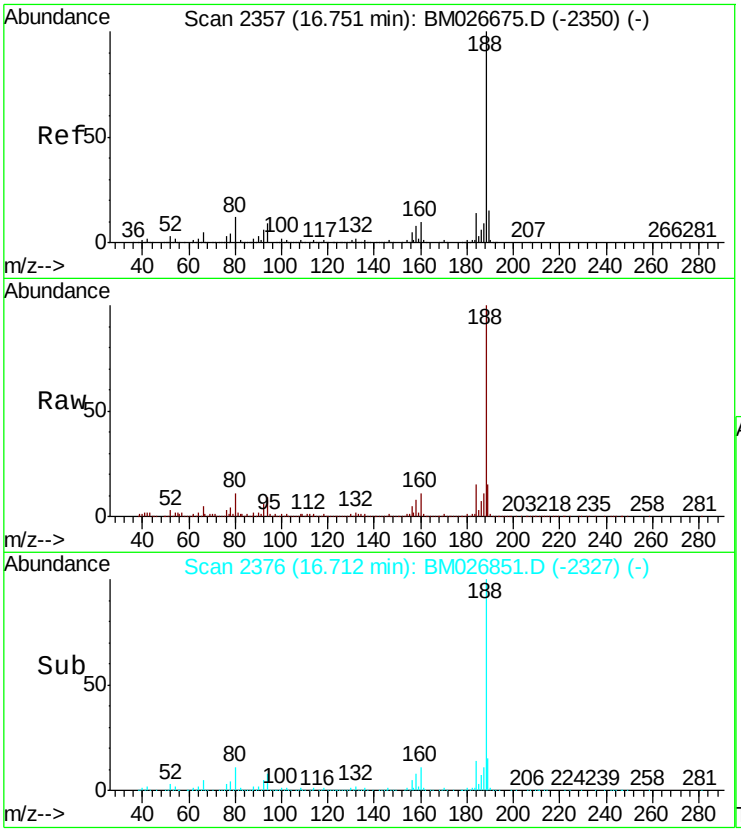


#62
4-Nitroaniline
Concen: 3.249 ng
RT: 14.84 min Scan# 2057
Delta R.T. -0.24 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:138 Resp: 521

Ion	Ratio	Lower	Upper
138	100		
92	73.2	41.5	81.5
108	92.2	84.8	124.8



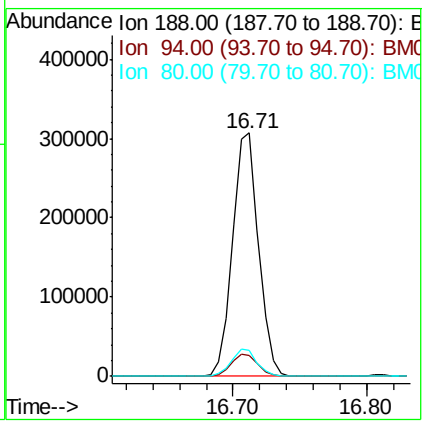


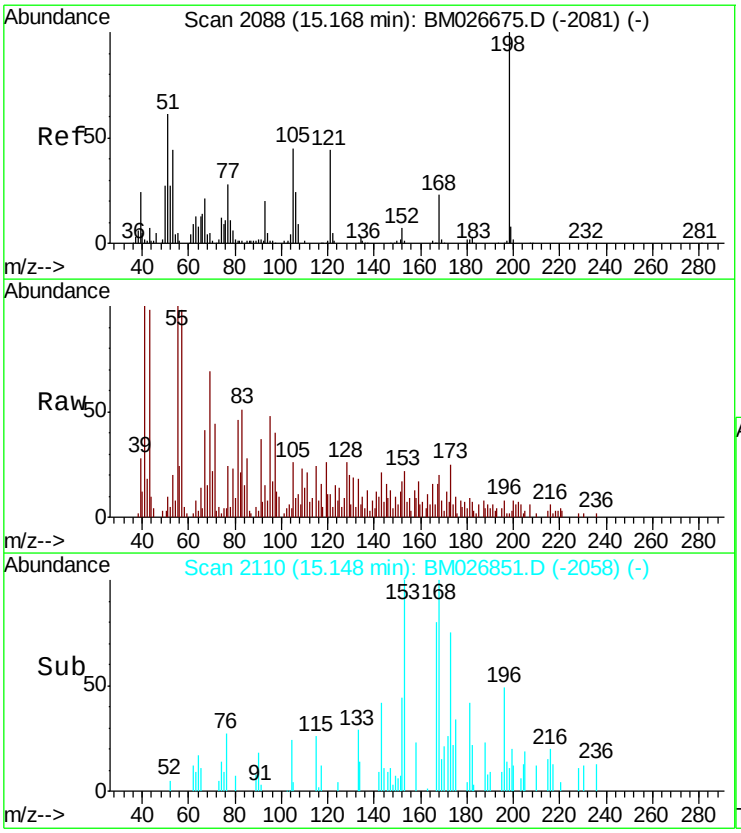
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.71 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:188 Resp: 416166

Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.4	11.0
80	10.9	9.3	13.9

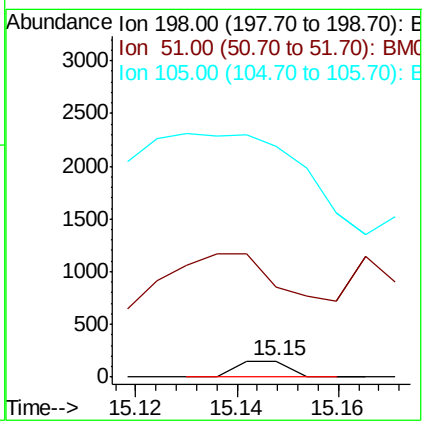


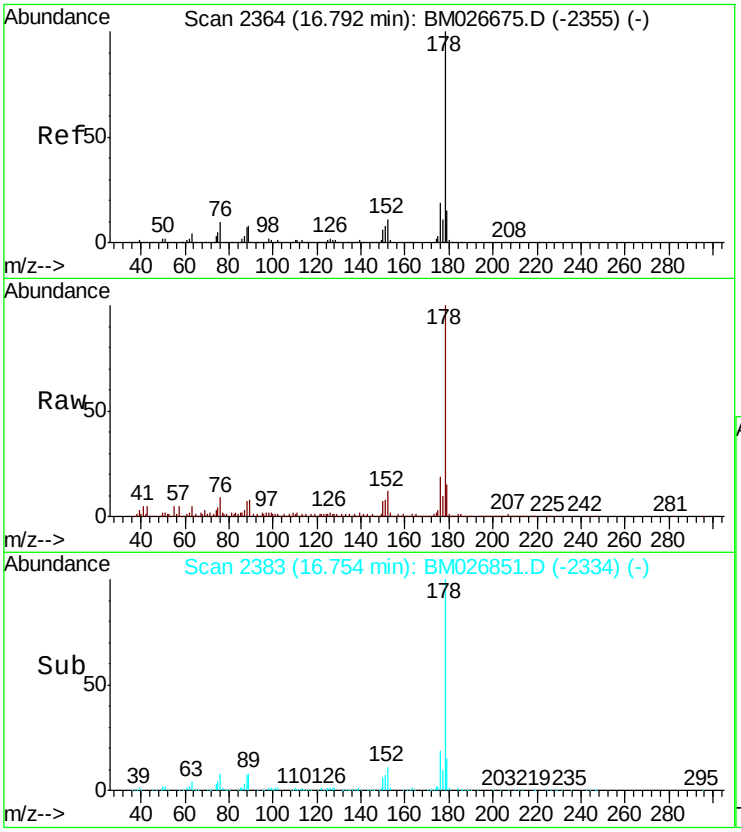


#65
4,6-Dinitro-2-methylphenol
Concen: 4.566 ng
RT: 15.15 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:198 Resp: 109

Ion	Ratio	Lower	Upper
198	100		
51	554.8	42.0	82.0#
105	1413.5	24.9	64.9#



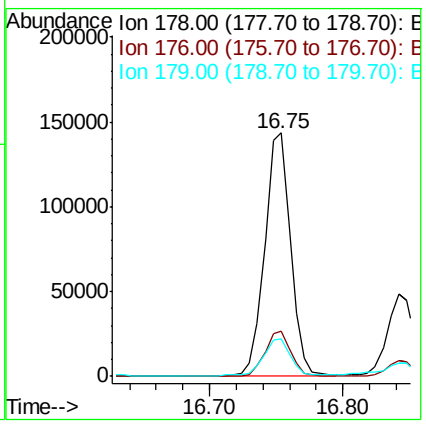


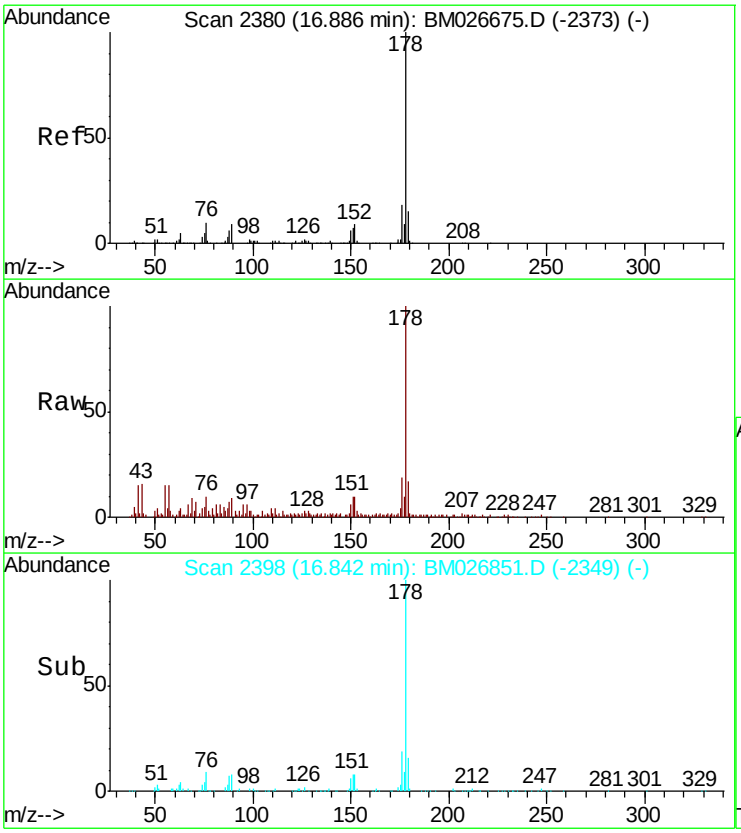
#71
Phenanthrene
Concen: 7.875 ng
RT: 16.75 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:178 Resp: 193473

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.6
179	15.3	12.1	18.1

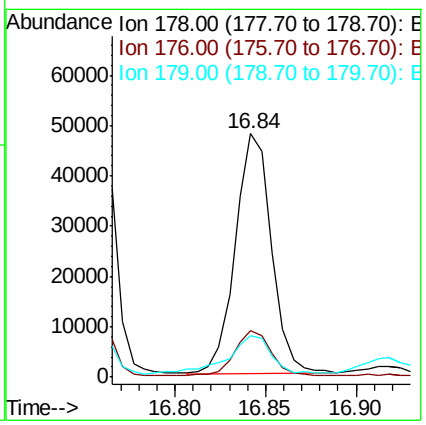


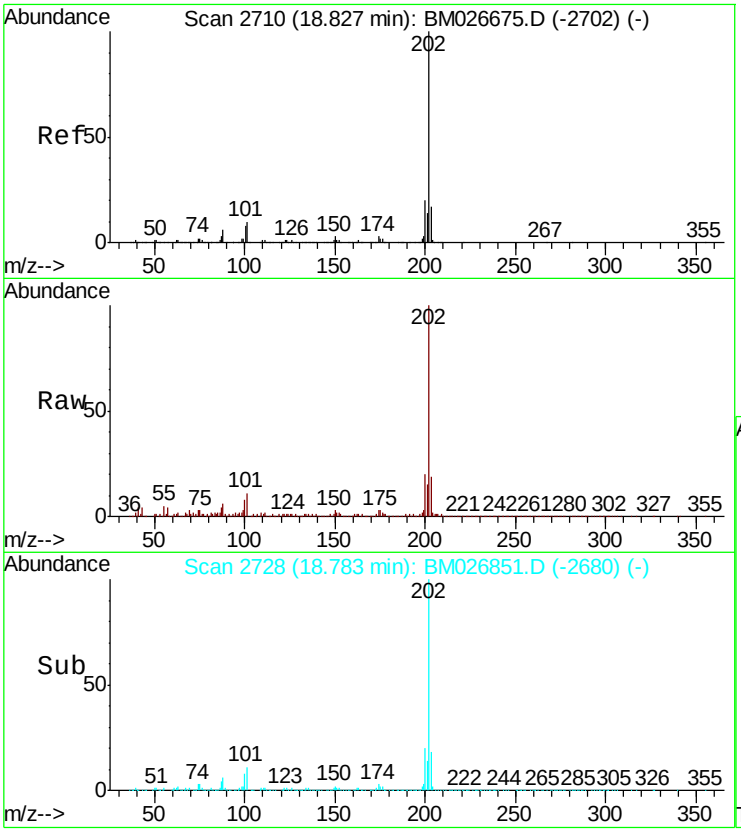


#72
Anthracene
Concen: 2.699 ng
RT: 16.84 min Scan# 2398
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:178 Resp: 66013

Ion	Ratio	Lower	Upper
178	100		
176	19.1	14.7	22.1
179	16.8	12.1	18.1



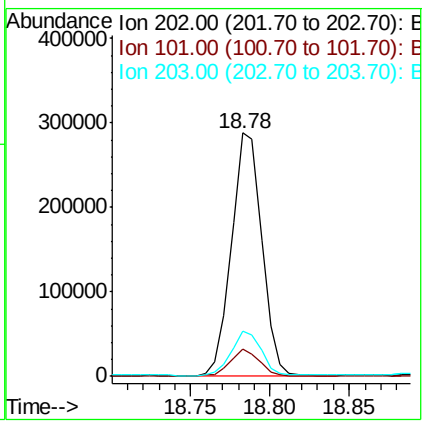


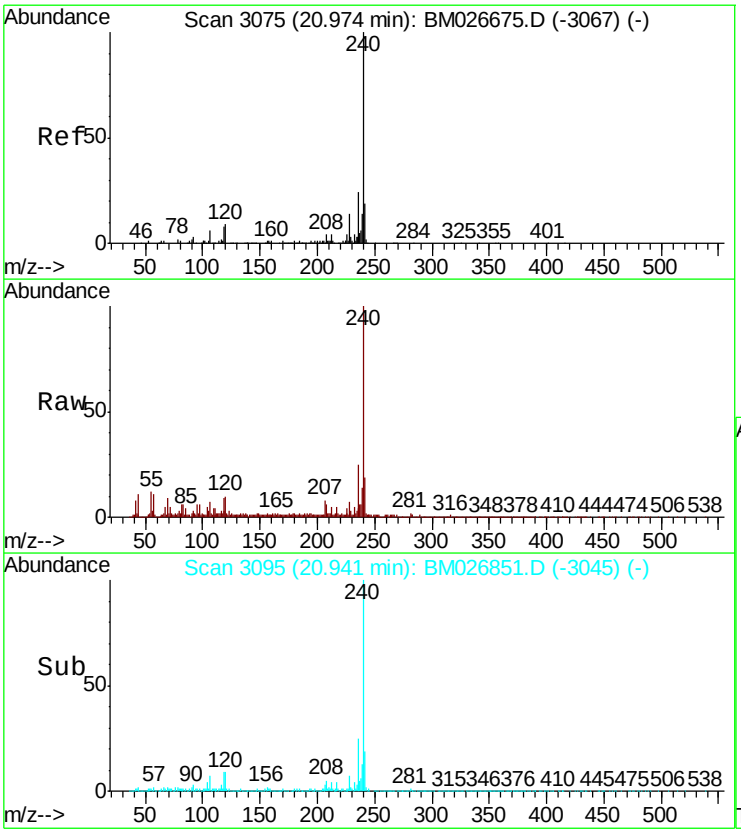
#75
Fluoranthene
Concen: 12.590 ng
RT: 18.78 min Scan# 2728
Delta R.T. -0.02 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 380967

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	30.1
203	18.7	0.0	37.2

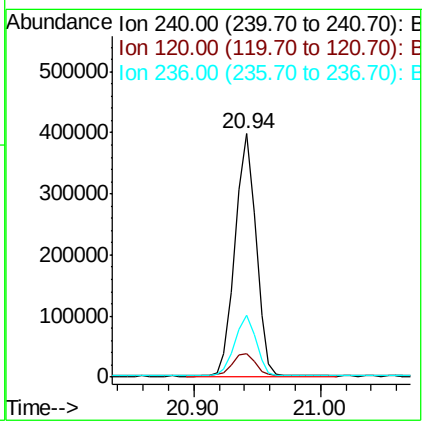


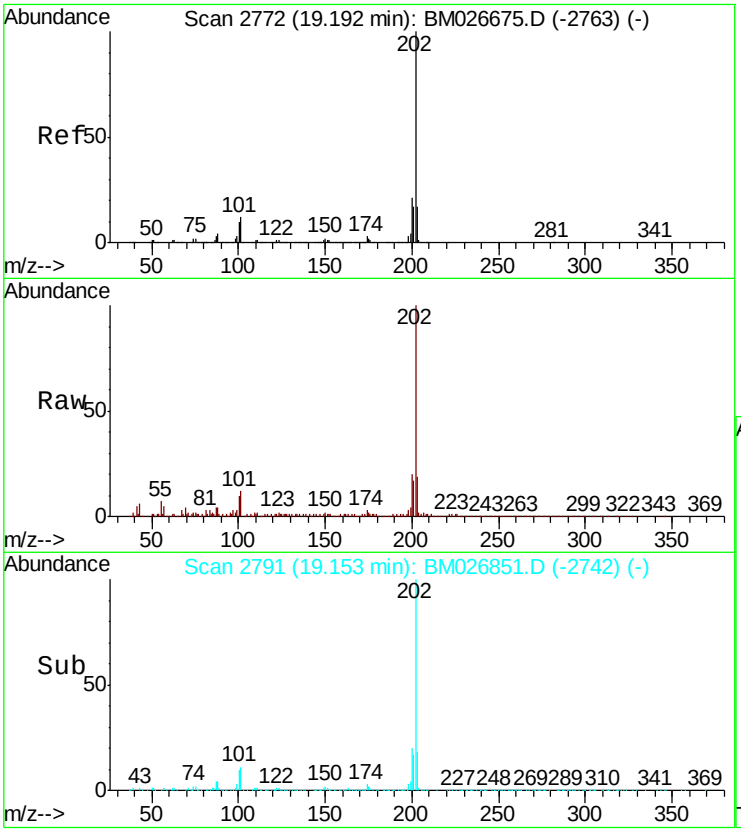


#76
Chrysene-d12
Concen: 20.000 ng
RT: 20.94 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:240 Resp: 453178

Ion	Ratio	Lower	Upper
240	100		
120	9.9	7.3	10.9
236	25.4	19.4	29.2



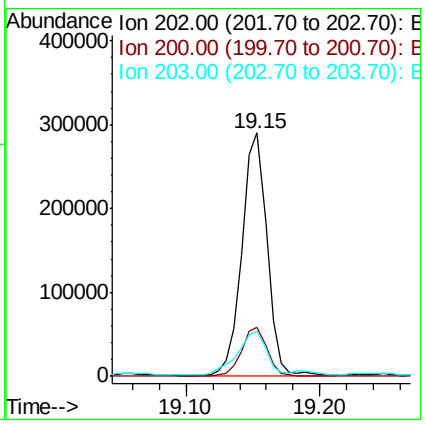


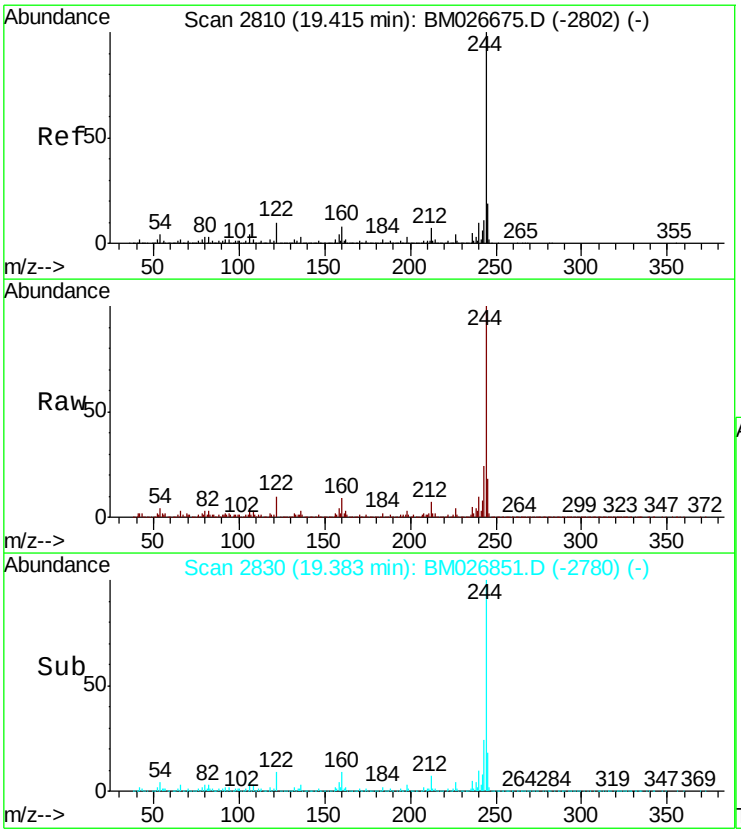
#78
Pyrene
Concen: 13.081 ng
RT: 19.15 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:202 Resp: 373426

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	18.8	13.7	20.5

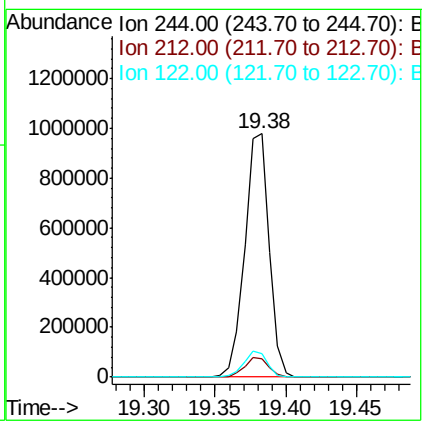


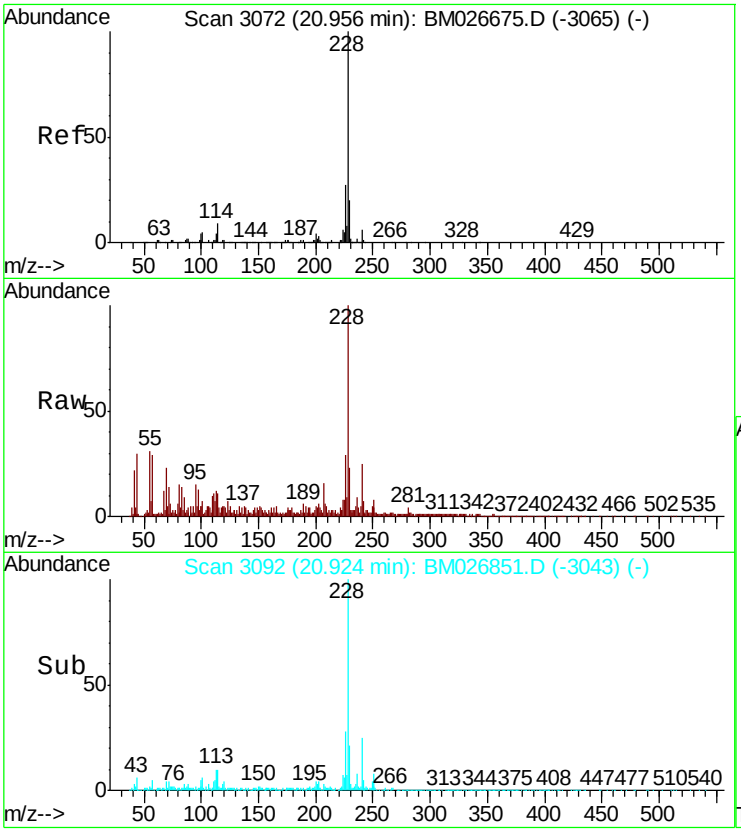


#79
Terphenyl-d14
Concen: 51.390 ng
RT: 19.38 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:244 Resp: 1183358

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	9.6	8.2	12.4



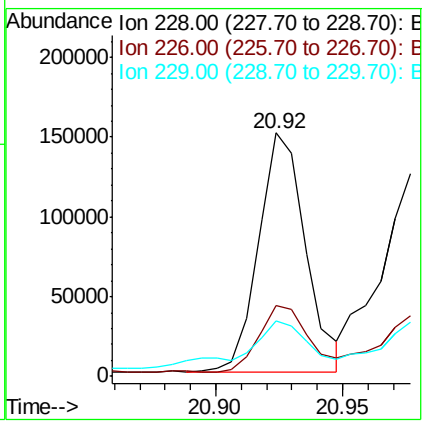


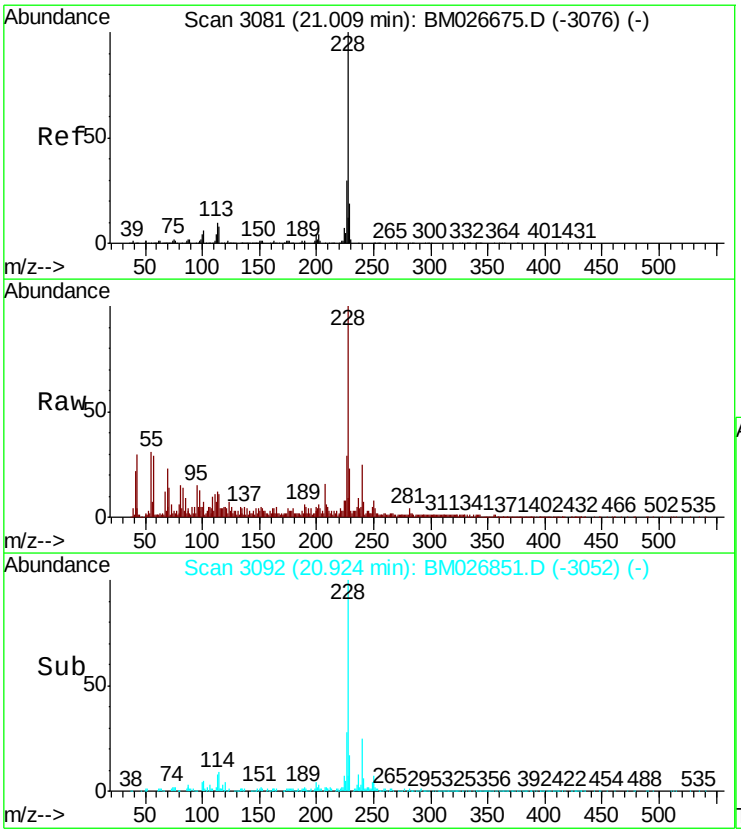
#81
Benzo(a)anthracene
Concen: 6.301 ng
RT: 20.92 min Scan# 3092
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:228 Resp: 191819

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.4	32.2
229	22.7	15.6	23.4

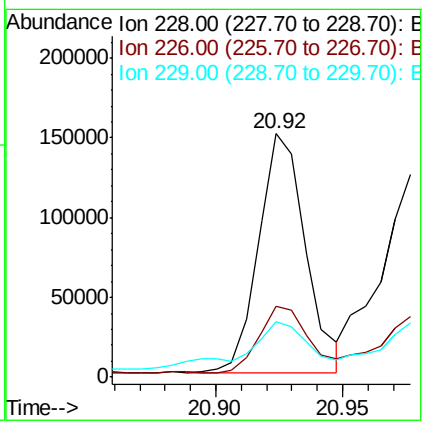


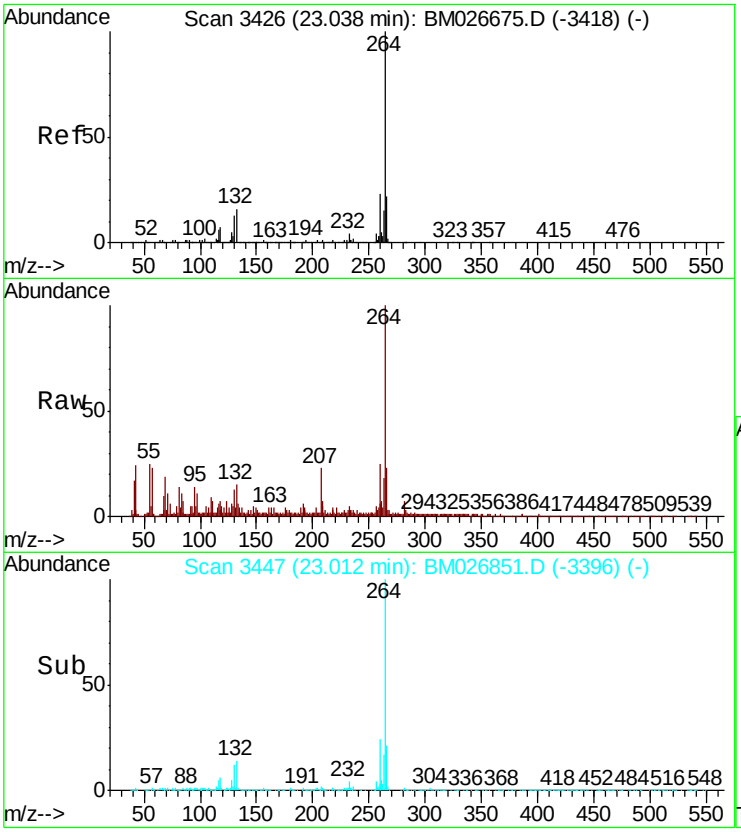


#83
Chrysene
Concen: 6.474 ng
RT: 20.92 min Scan# 3092
Delta R.T. -0.06 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:228 Resp: 191819

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.7	35.5
229	22.7	15.4	23.0



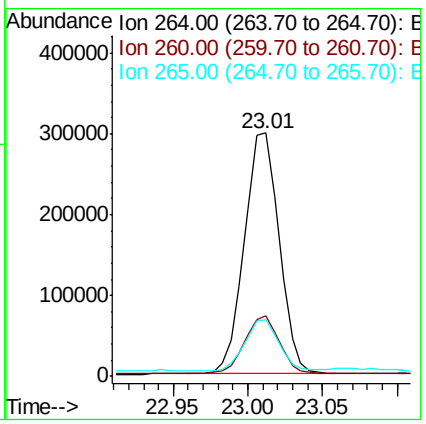


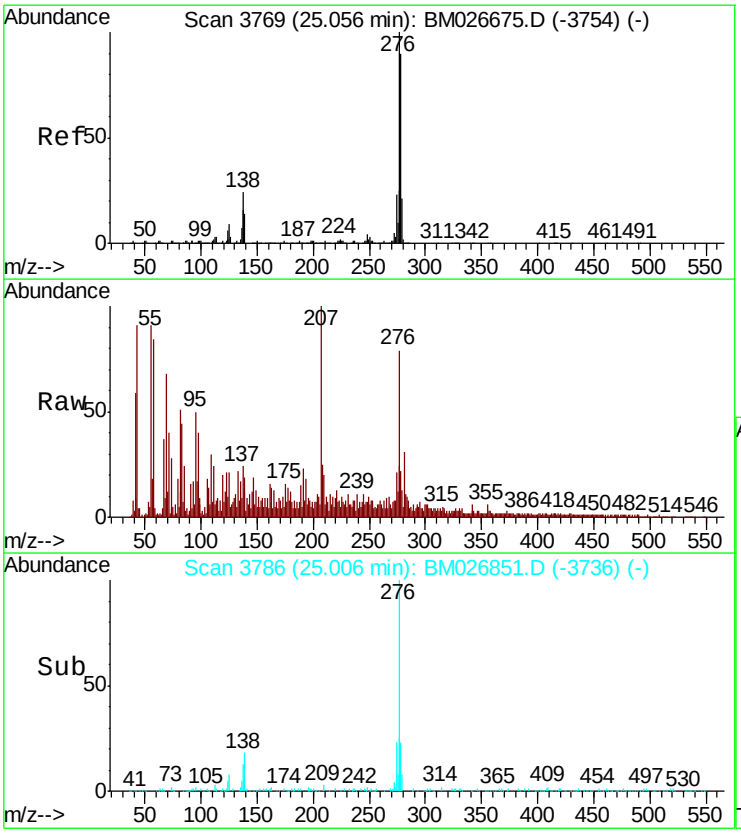
#86
Perylene-d12
Concen: 20.000 ng
RT: 23.01 min Scan# 3447
Delta R.T. -0.00 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:264 Resp: 481957

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.2	27.2
265	23.3	17.6	26.4

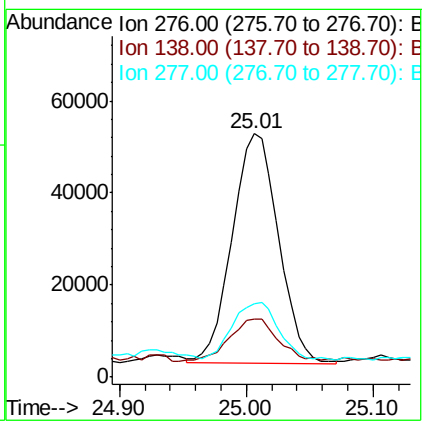


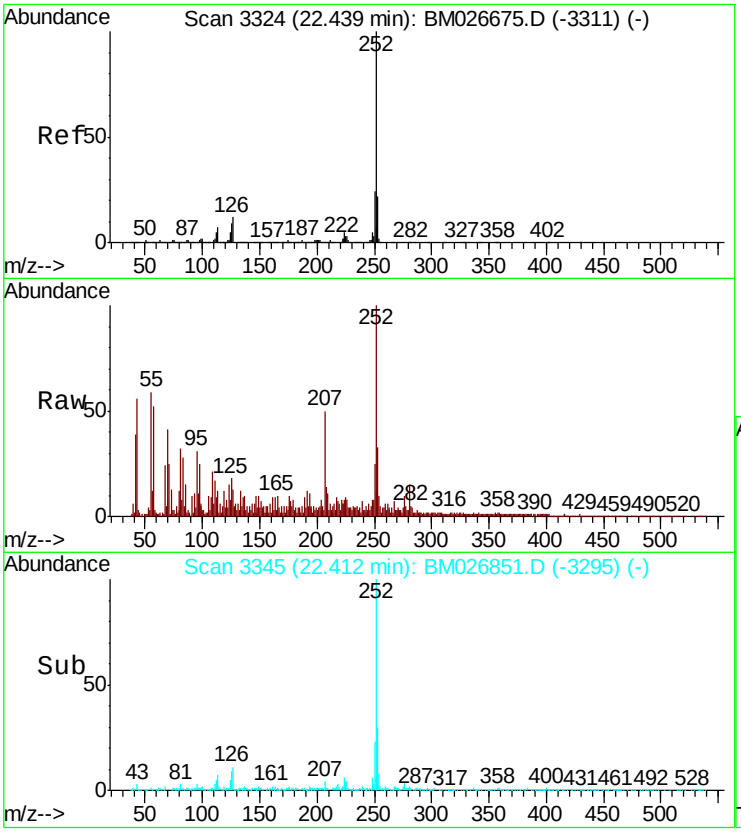


#87
Indeno(1,2,3-cd)pyrene
Concen: 3.690 ng
RT: 25.01 min Scan# 3786
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:276 Resp: 126595

Ion	Ratio	Lower	Upper
276	100		
138	19.1	18.4	27.6
277	25.0	20.0	30.0



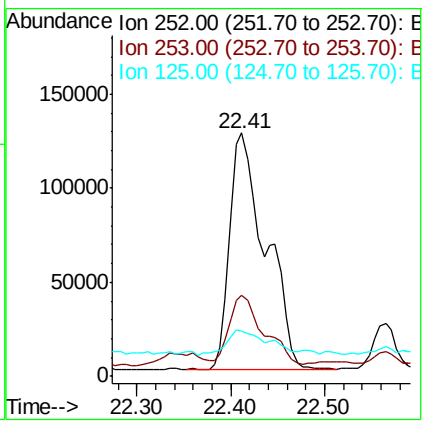


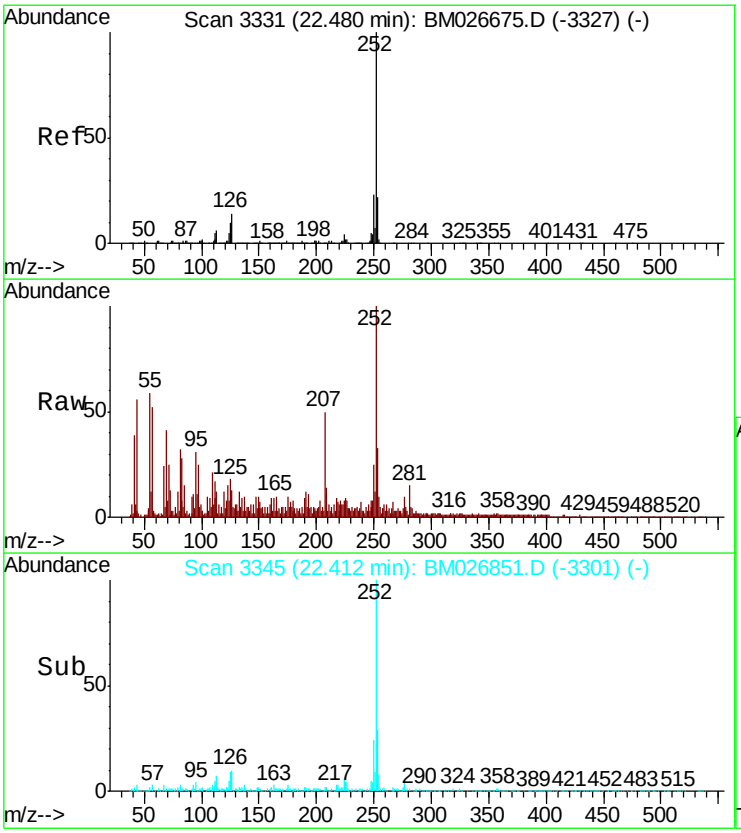
#88
Benzo(b)fluoranthene
Concen: 10.591 ng
RT: 22.41 min Scan# 3345
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 336313

Ion	Ratio	Lower	Upper
252	100		
253	33.3	17.5	26.3#
125	18.4	7.5	11.3#

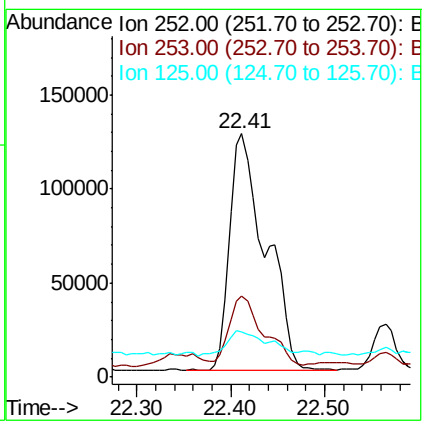


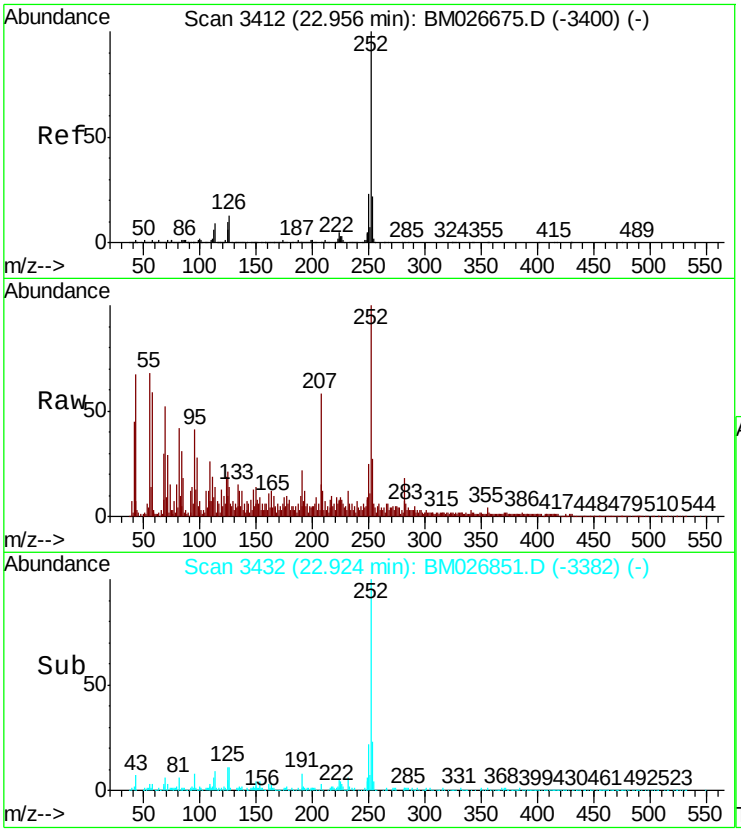


#89
Benzo(k)fluoranthene
Concen: 10.797 ng
RT: 22.41 min Scan# 3345
Delta R.T. -0.04 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:252 Resp: 336313

Ion	Ratio	Lower	Upper
252	100		
253	33.3	17.5	26.3#
125	18.4	7.8	11.8#



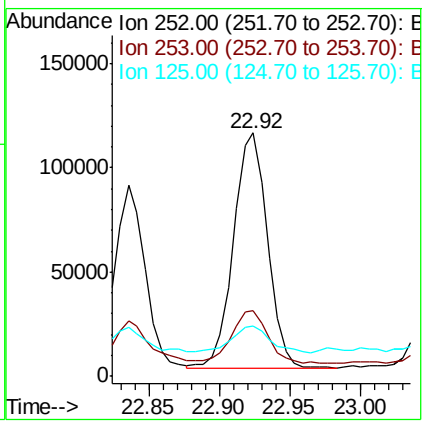


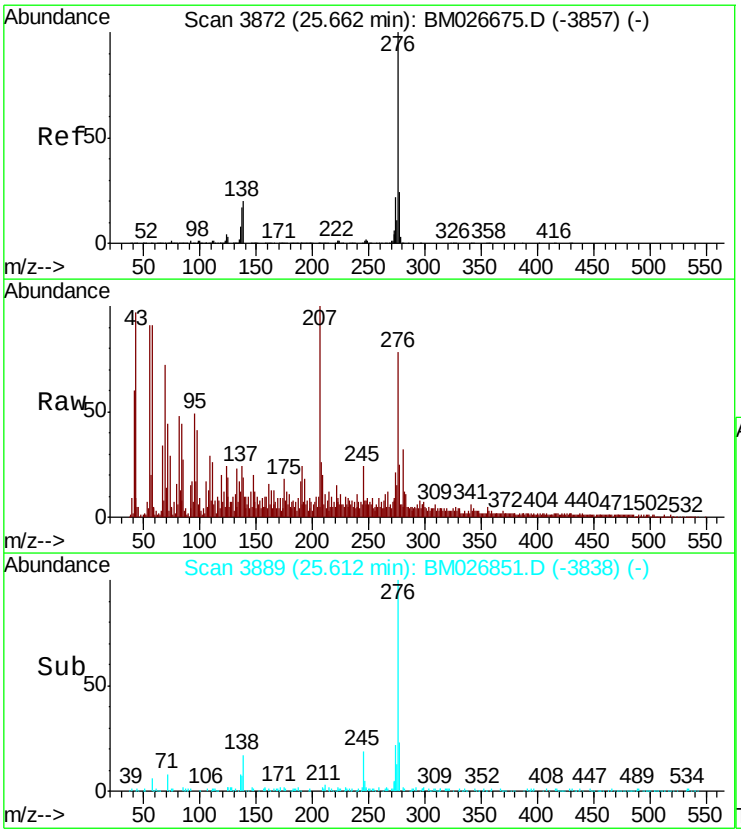
#90
Benzo(a)pyrene
Concen: 6.427 ng
RT: 22.92 min Scan# 3432
Delta R.T. -0.01 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Instrument :
BNA_M
ClientSampleId :

Tgt Ion:252 Resp: 189475

Ion	Ratio	Lower	Upper
252	100		
253	27.2	17.4	26.2#
125	20.5	8.2	12.4#





#92
Benzo(g,h,i)perylene
Concen: 4.823 ng
RT: 25.61 min Scan# 3889
Delta R.T. -0.00 min
Lab File: BM026851.D
Acq: 23 Jul 2020 15:04

Tgt Ion:276 Resp: 128713

Ion	Ratio	Lower	Upper
276	100		
277	31.6	19.1	28.7#
138	24.9	15.8	23.8#