Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020421\
Data File : BM028651.D
Acq On : 04 Feb 2021 13:14
Operator : CG/JU
Sample : M1291-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OU421-004-0002

Quant Time: Feb 04 13:47:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 16:19:07 2021
Response via : Initial Calibration

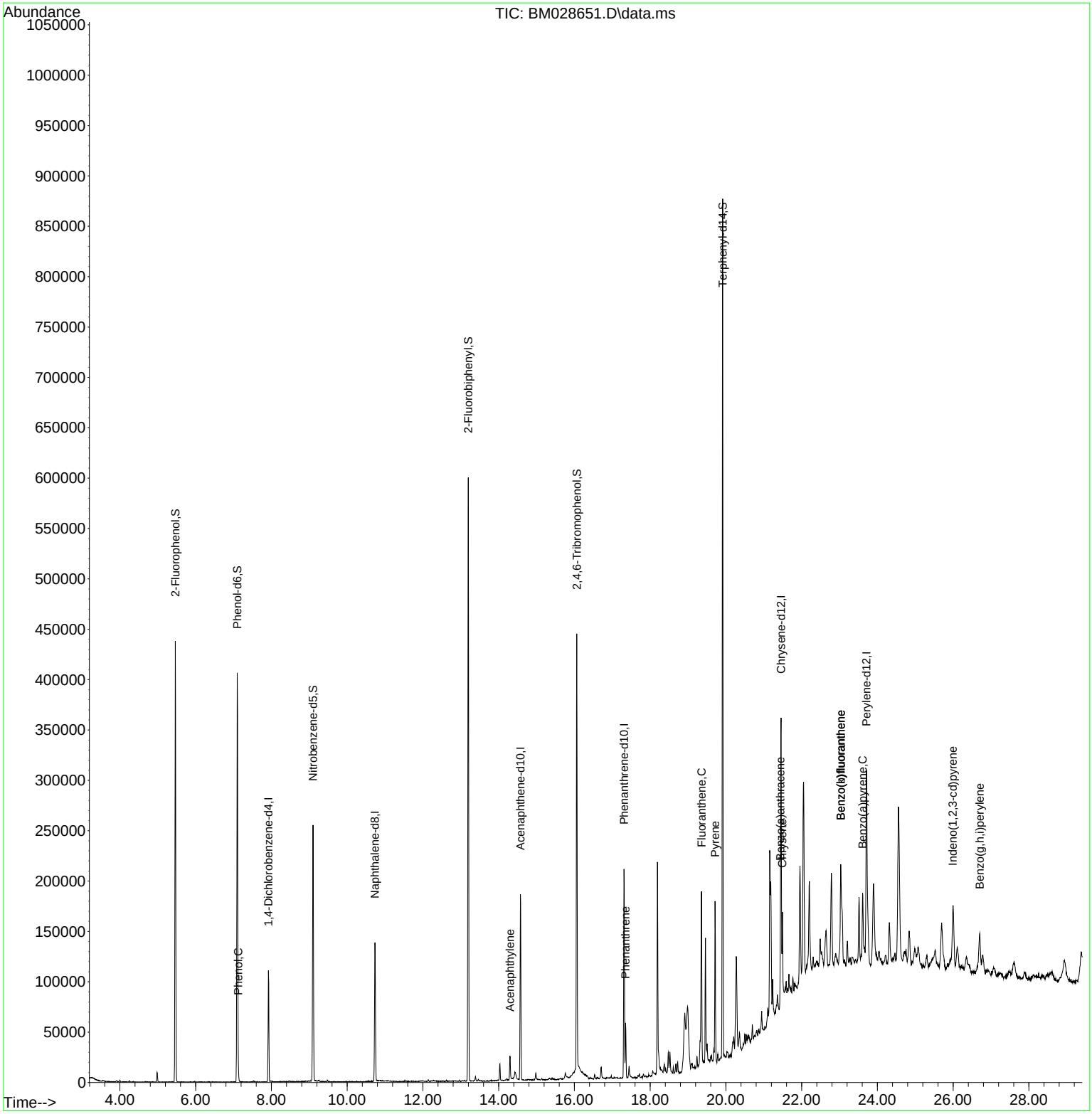
Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.922	152	29202	20.00	ng		-0.01
21) Naphthalene-d8	10.734	136	112151	20.00	ng		#-0.01
39) Acenaphthene-d10	14.575	164	60835	20.00	ng		-0.01
64) Phenanthrene-d10	17.310	188	117176	20.00	ng		#-0.01
76) Chrysene-d12	21.456	240	109195	20.00	ng		#-0.01
86) Perylene-d12	23.709	264	111109	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	176217	95.32	ng		-0.02
7) Phenol-d6	7.099	99	220710	87.69	ng		-0.02
23) Nitrobenzene-d5	9.098	82	136010	57.52	ng		-0.01
42) 2,4,6-Tribromophenol	16.063	330	73183	90.79	ng		-0.01
45) 2-Fluorobiphenyl	13.198	172	296956	61.24	ng		-0.01
79) Terphenyl-d14	19.915	244	343949	56.88	ng		0.00
Target Compounds							Qvalue
10) Phenol	7.122	94	5648	2.38	ng		97
49) Acenaphthylene	14.298	152	18416	2.93	ng		99
71) Phenanthrene	17.351	178	30875	4.28	ng		100
75) Fluoranthene	19.357	202	86138	10.64	ng		97
78) Pyrene	19.715	202	87572	11.18	ng		99
81) Benzo(a)anthracene	21.439	228	29050	3.85	ng		99
83) Chrysene	21.492	228	44323	6.09	ng		98
87) Indeno(1,2,3-cd)pyrene	25.991	276	44217	5.34	ng	#	92
88) Benzo(b)fluoranthene	23.033	252	100713	13.35	ng	#	94
89) Benzo(k)fluoranthene	23.033	252	100713	13.67	ng	#	94
90) Benzo(a)pyrene	23.609	252	43384	6.21	ng	#	94
92) Benzo(g,h,i)perylene	26.703	276	45907	6.81	ng	#	90

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

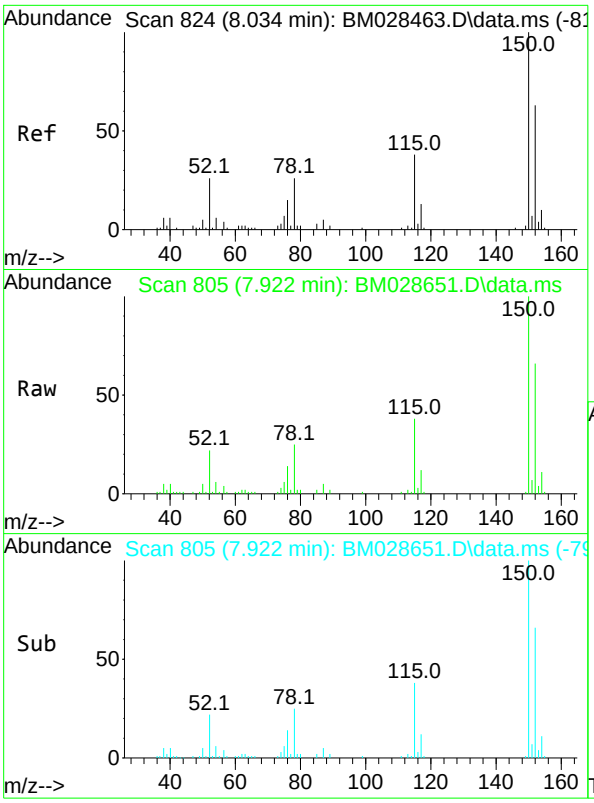
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020421\
Data File : BM028651.D
Acq On : 04 Feb 2021 13:14
Operator : CG/JU
Sample : M1291-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

Quant Time: Feb 04 13:47:08 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 29 16:19:07 2021
Response via : Initial Calibration



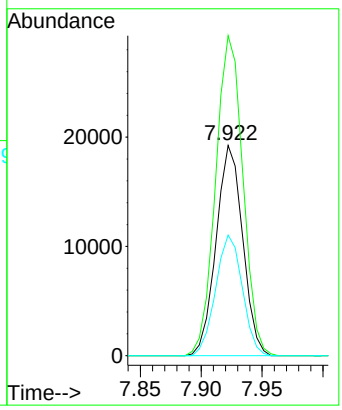
Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

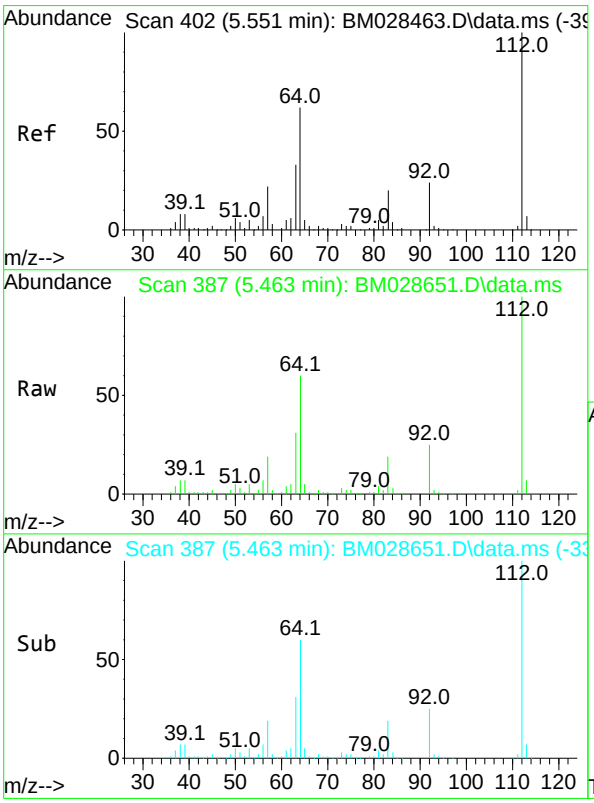


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.922 min Scan# 805
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:152 Resp: 29202

Ion	Ratio	Lower	Upper
152	100		
150	152.2	120.6	181.0
115	57.3	47.2	70.8

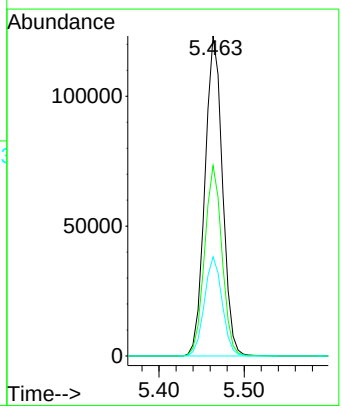




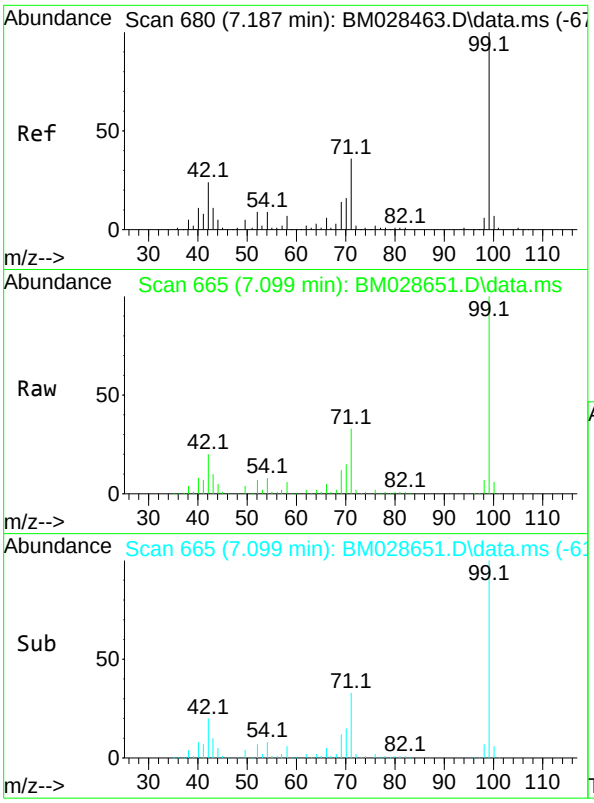
#5
2-Fluorophenol
Concen: 95.32 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.018 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:112 Resp: 176217

Ion	Ratio	Lower	Upper
112	100		
64	59.5	50.6	76.0
63	31.0	31.0	46.6#



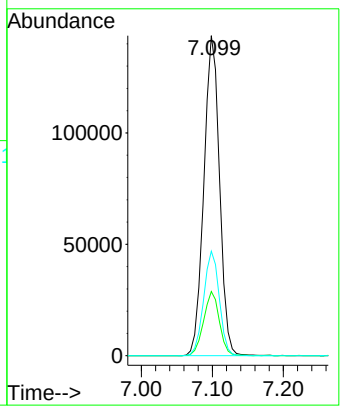
Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

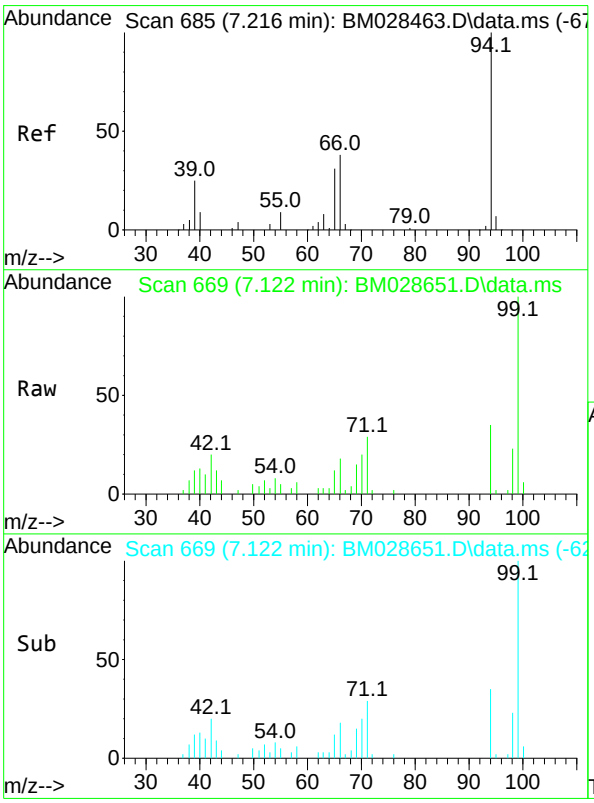


#7
Phenol-d6
Concen: 87.69 ng
RT: 7.099 min Scan# 665
Delta R.T. -0.024 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion: 99 Resp: 220710

Ion	Ratio	Lower	Upper
99	100		
42	20.1	13.5	20.3
71	32.6	39.4	59.0#

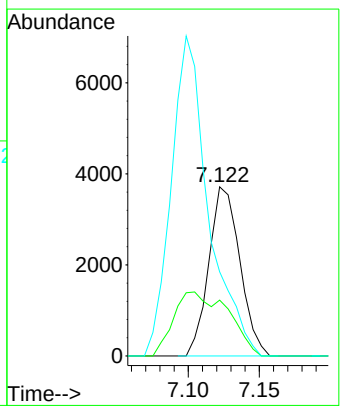


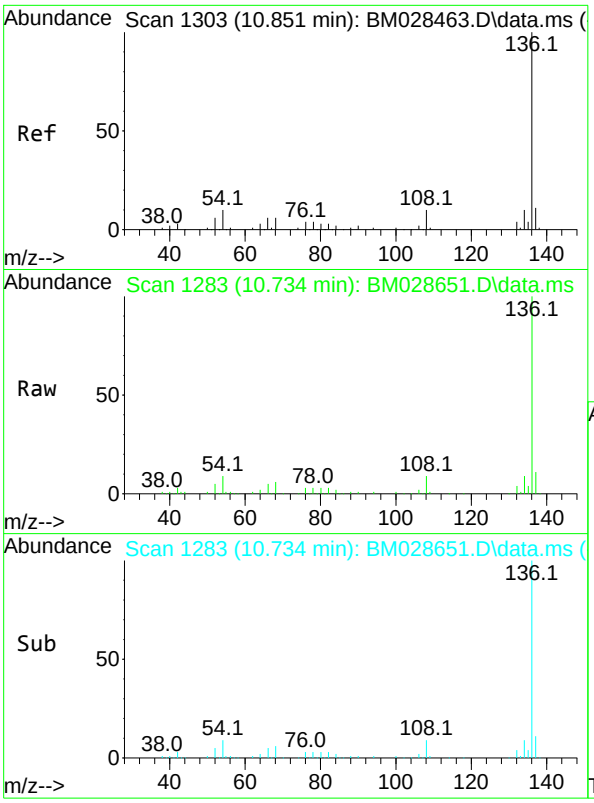


#10
Phenol
Concen: 2.38 ng
RT: 7.122 min Scan# 669
Delta R.T. -0.024 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion: 94 Resp: 5648

Ion	Ratio	Lower	Upper
94	100		
65	33.0	16.4	56.4
66	49.8	30.2	70.2

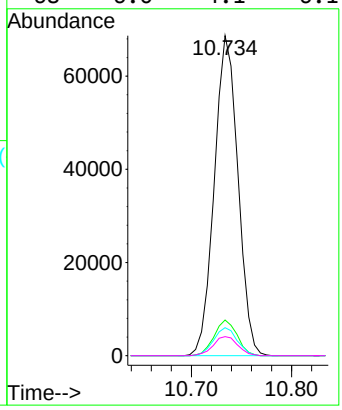




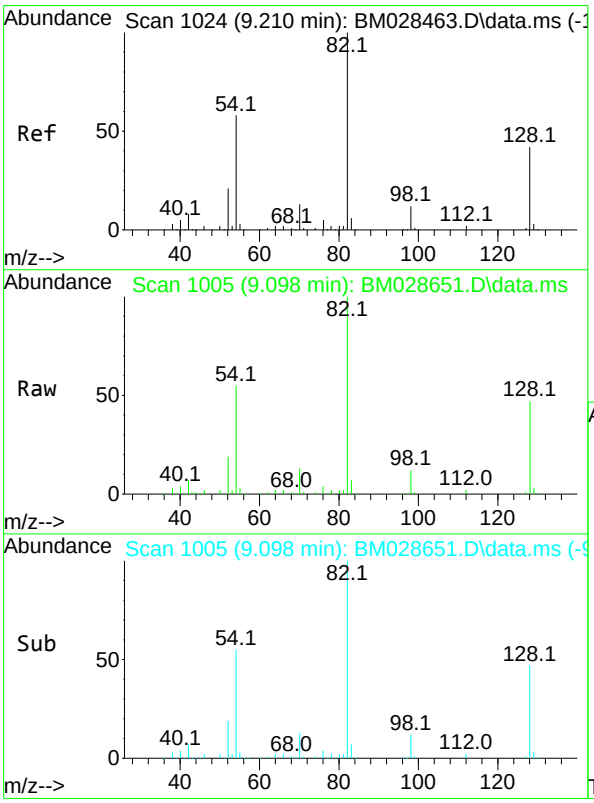
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.734 min Scan# 1283
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:136 Resp: 112151

Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	12.8
54	8.8	4.6	7.0#
68	6.0	4.1	6.1



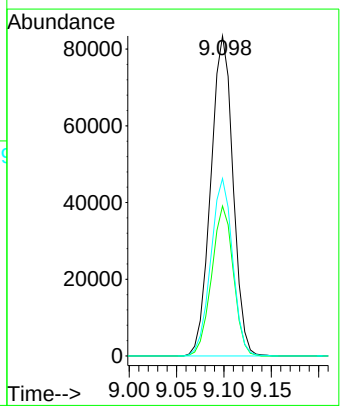
Instrument :
BNA_M
ClientSampleId :
OU421-004-0002



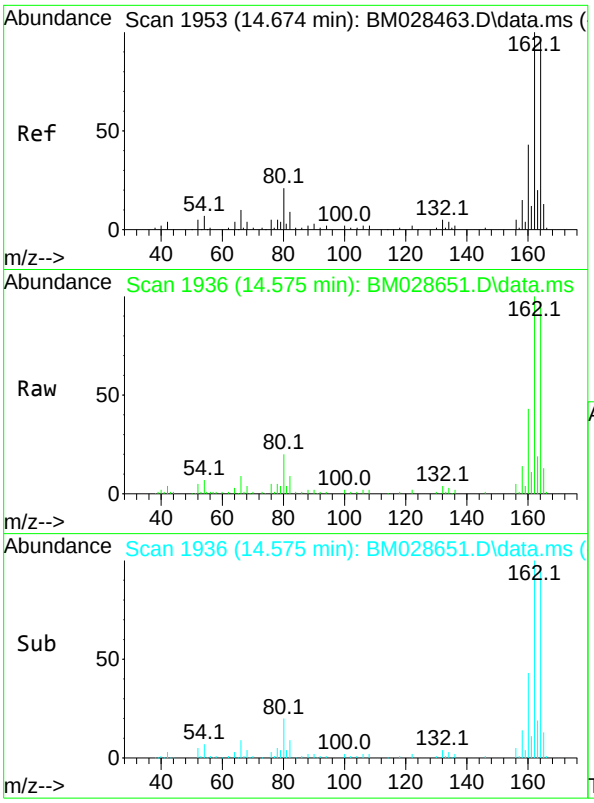
#23
Nitrobenzene-d5
Concen: 57.52 ng
RT: 9.098 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion: 82 Resp: 136010

Ion	Ratio	Lower	Upper
82	100		
128	46.8	27.4	41.0#
54	55.5	31.4	47.0#



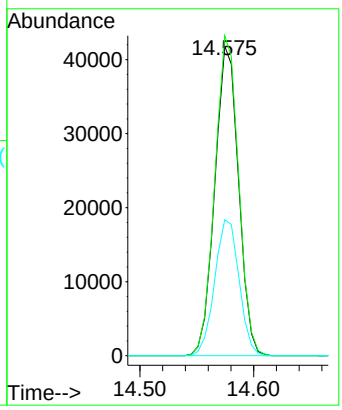
Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

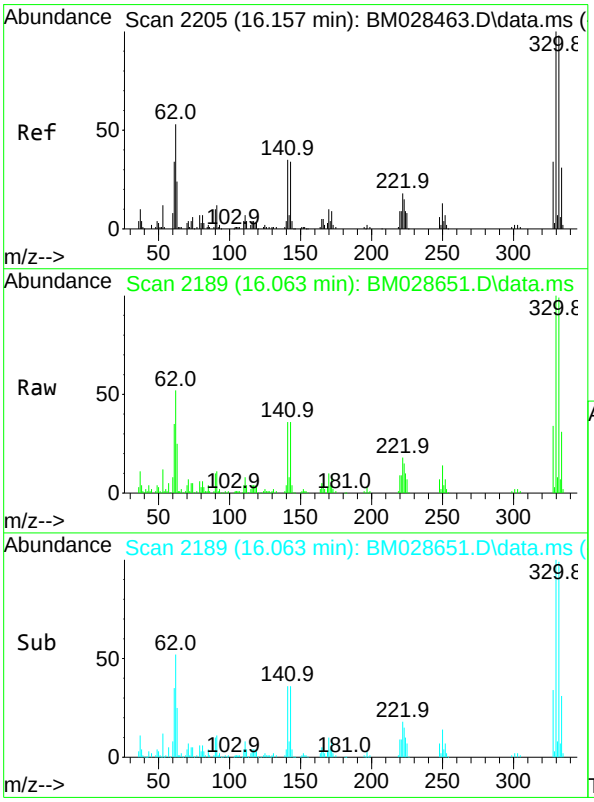


#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.575 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:164 Resp: 60835

Ion	Ratio	Lower	Upper
164	100		
162	103.4	80.4	120.6
160	44.0	35.9	53.9

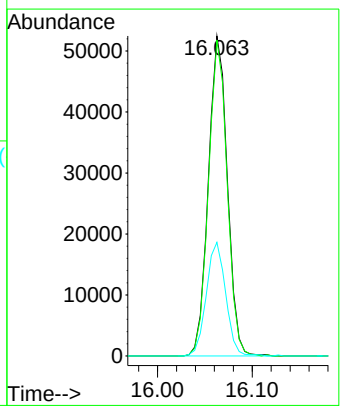




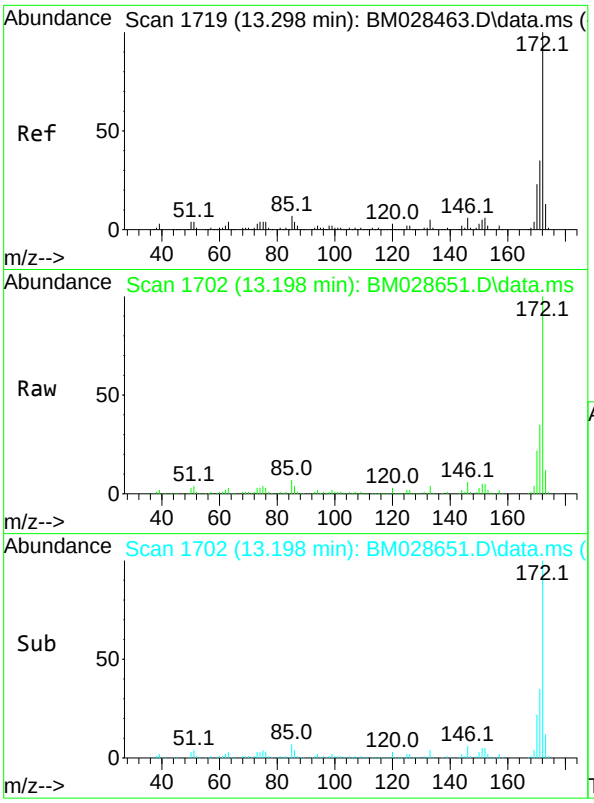
#42
2,4,6-Tribromophenol
Concen: 90.79 ng
RT: 16.063 min Scan# 2189
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:330 Resp: 73183

Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.8	116.8
141	36.1	28.4	42.6



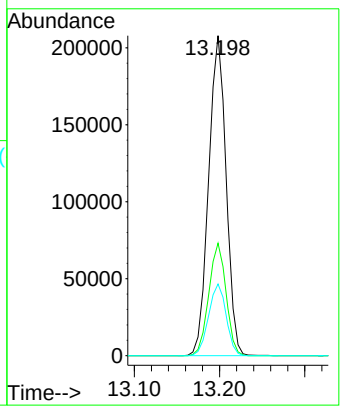
Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

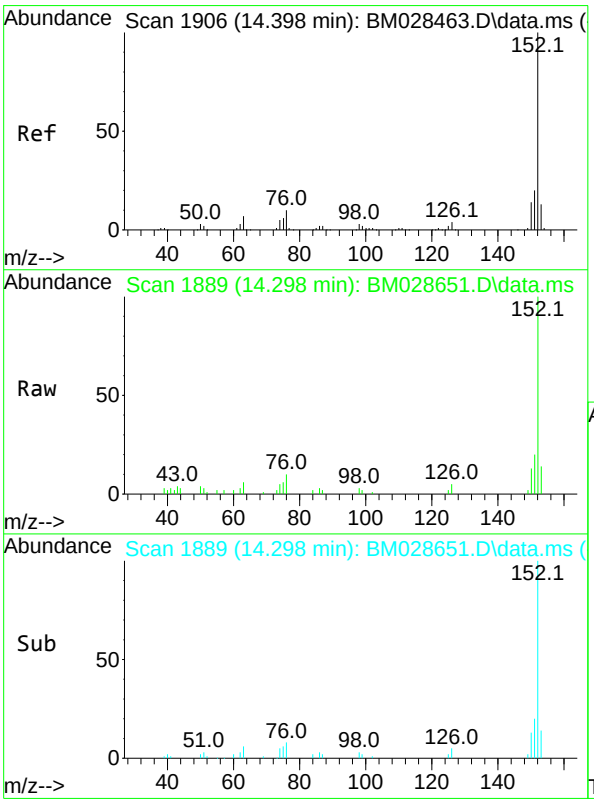


#45
2-Fluorobiphenyl
Concen: 61.24 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:172 Resp: 296956

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.8	41.8
170	22.4	18.6	27.8

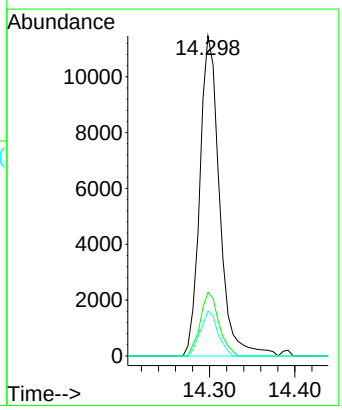


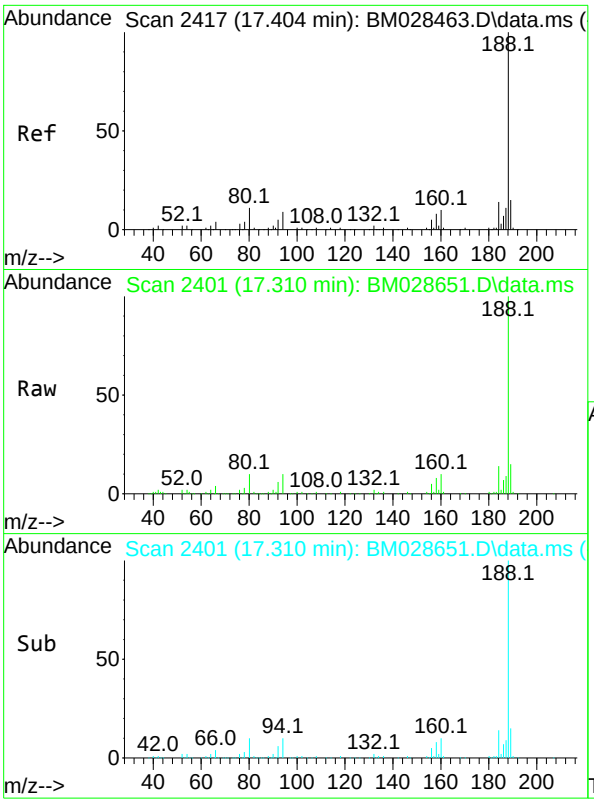


#49
Acenaphthylene
Concen: 2.93 ng
RT: 14.298 min Scan# 1889
Delta R.T. -0.018 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:152 Resp: 18416

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.6
153	14.0	10.4	15.6

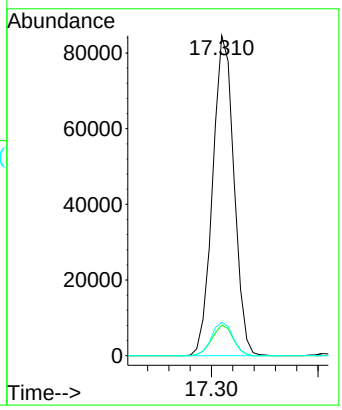




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.310 min Scan# 2401
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:188 Resp: 117176

Ion	Ratio	Lower	Upper
188	100		
94	9.5	6.2	9.4#
80	10.4	7.5	11.3



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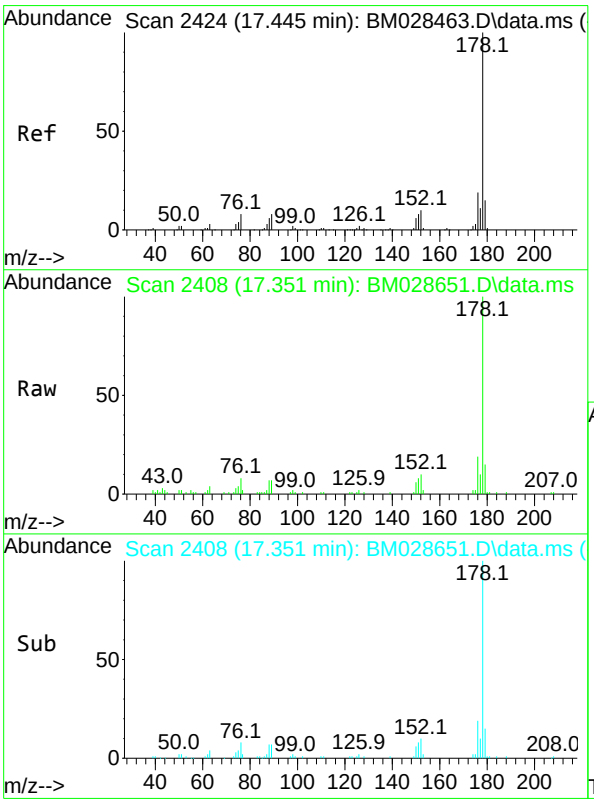
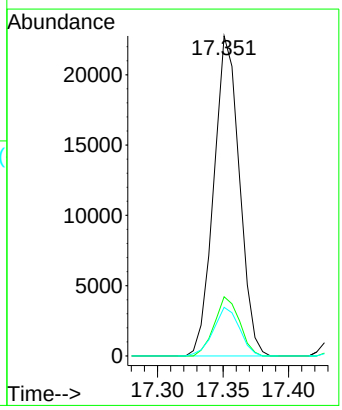


#71
Phenanthrene
Concen: 4.28 ng
RT: 17.351 min Scan# 2408
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:178 Resp: 30875

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.2	12.2	18.4



Instrument :
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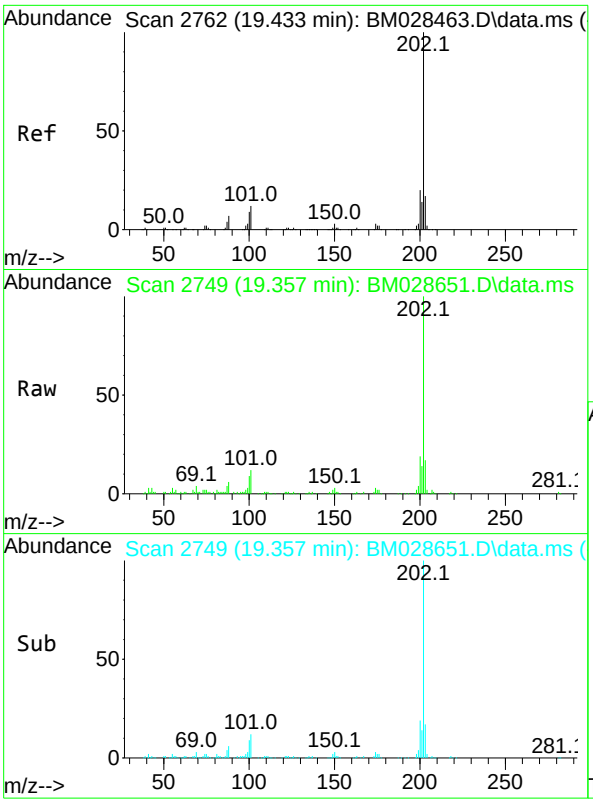
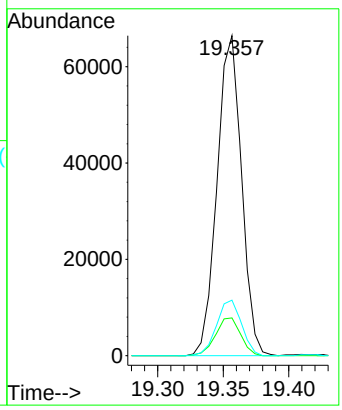
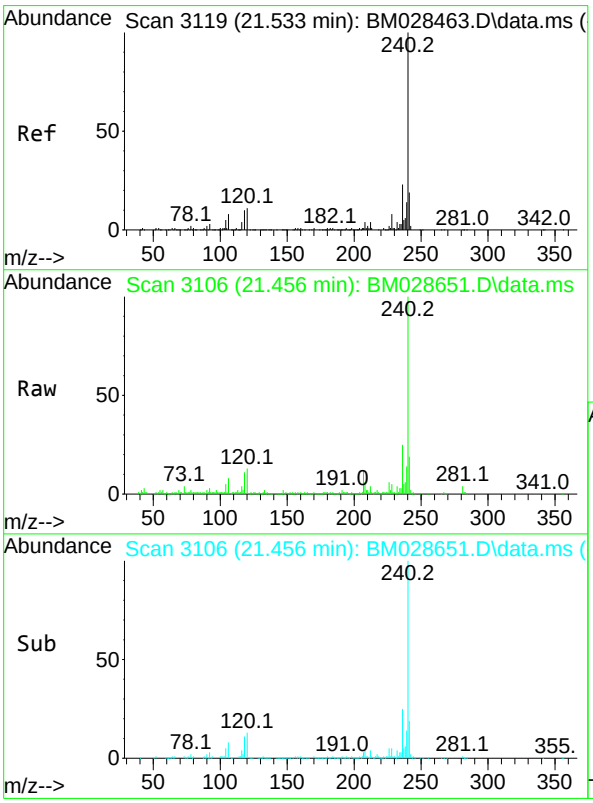


#75
Fluoranthene
Concen: 10.64 ng
RT: 19.357 min Scan# 2749
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:202 Resp: 86138

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	28.5
203	17.4	0.0	37.3

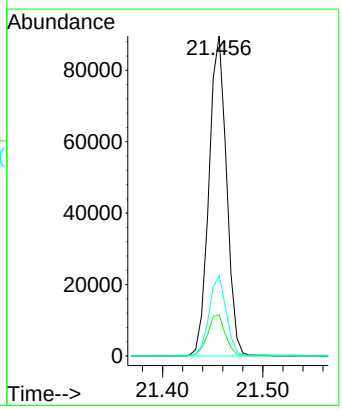




#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:240 Resp: 109195

Ion	Ratio	Lower	Upper
240	100		
120	12.8	6.4	9.6#
236	25.0	20.1	30.1



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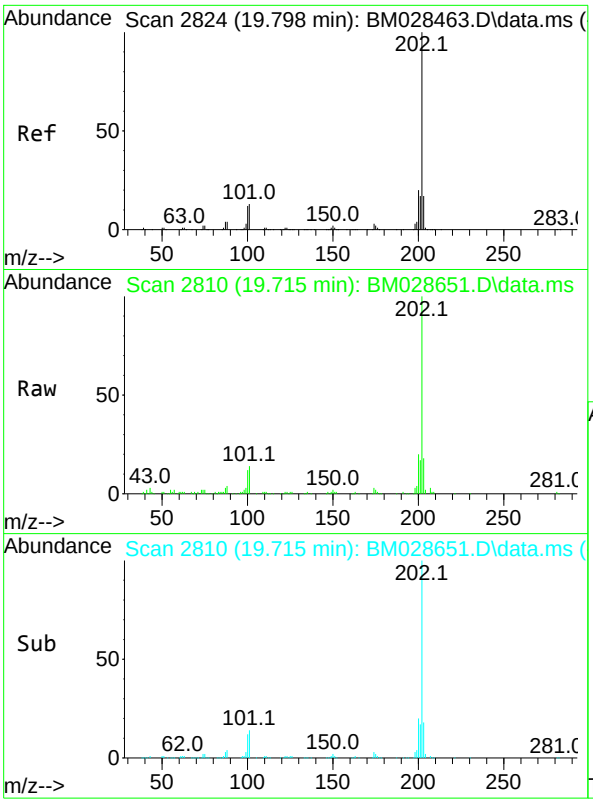
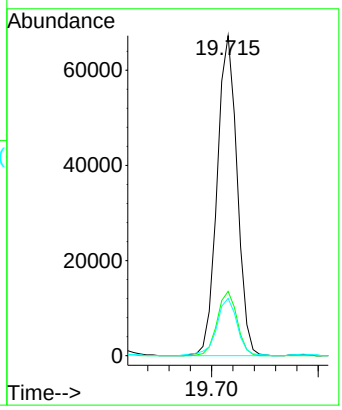
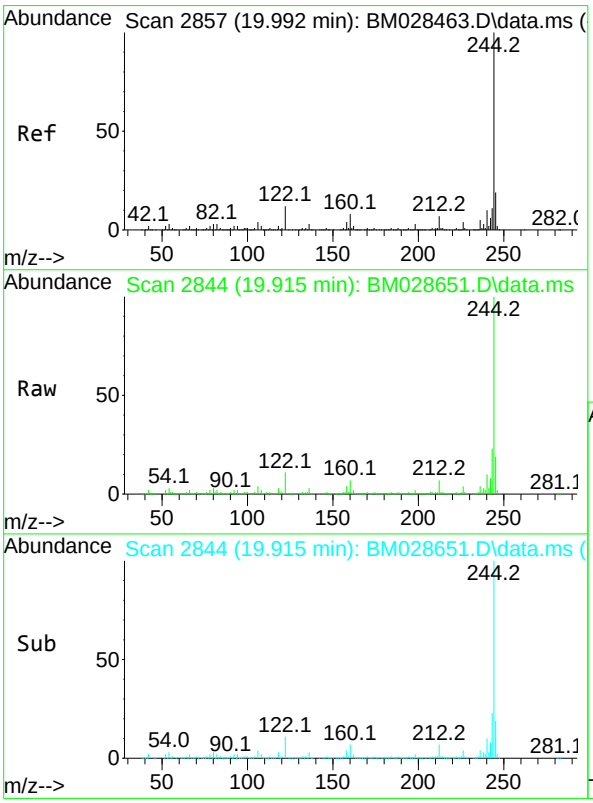


#78
Pyrene
Concen: 11.18 ng
RT: 19.715 min Scan# 2810
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:202 Resp: 87572

Ion	Ratio	Lower	Upper
202	100		
200	20.1	16.6	24.8
203	17.9	13.8	20.6

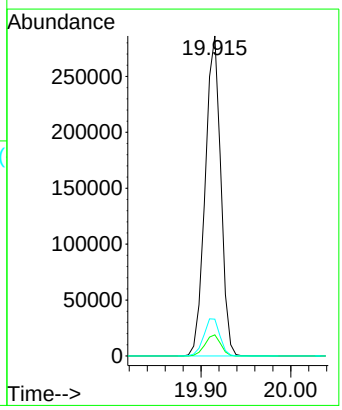




#79
Terphenyl-d14
Concen: 56.88 ng
RT: 19.915 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:244 Resp: 343949

Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.8
122	11.5	6.5	9.7#



Instrument :
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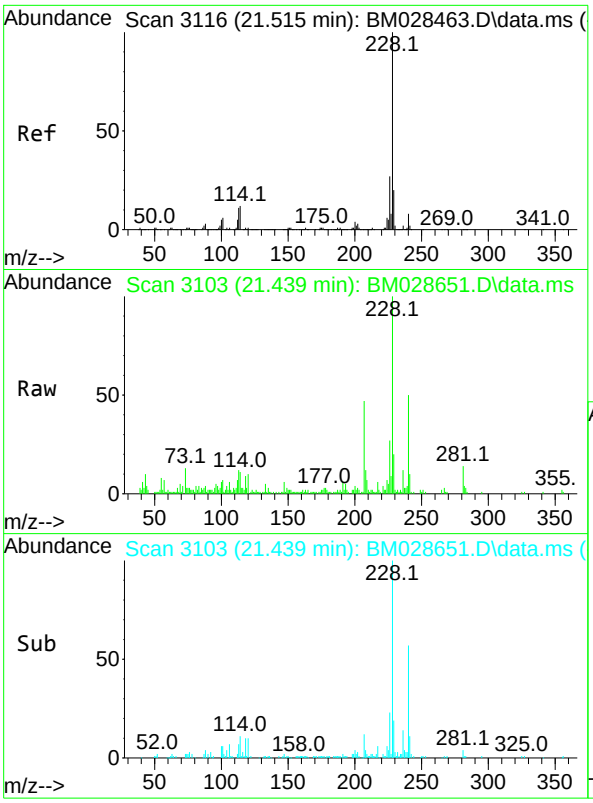
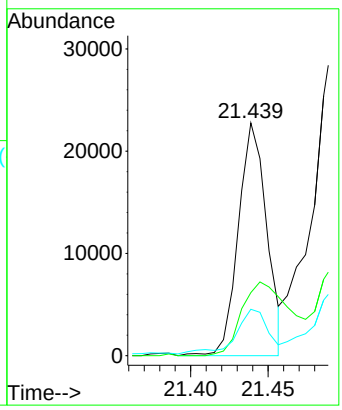
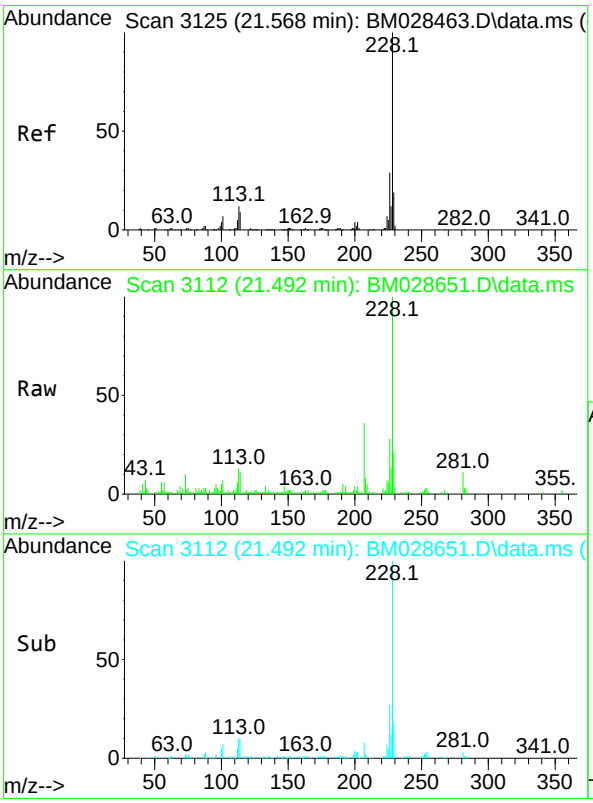


#81
Benzo(a)anthracene
Concen: 3.85 ng
RT: 21.439 min Scan# 3103
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:228 Resp: 29050

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.1	31.7
229	19.9	15.7	23.5

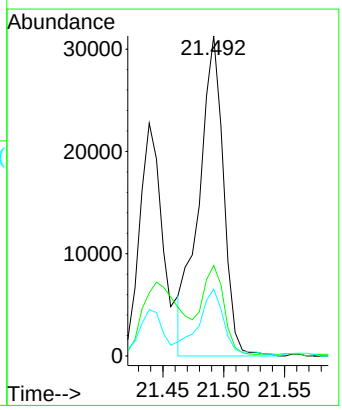




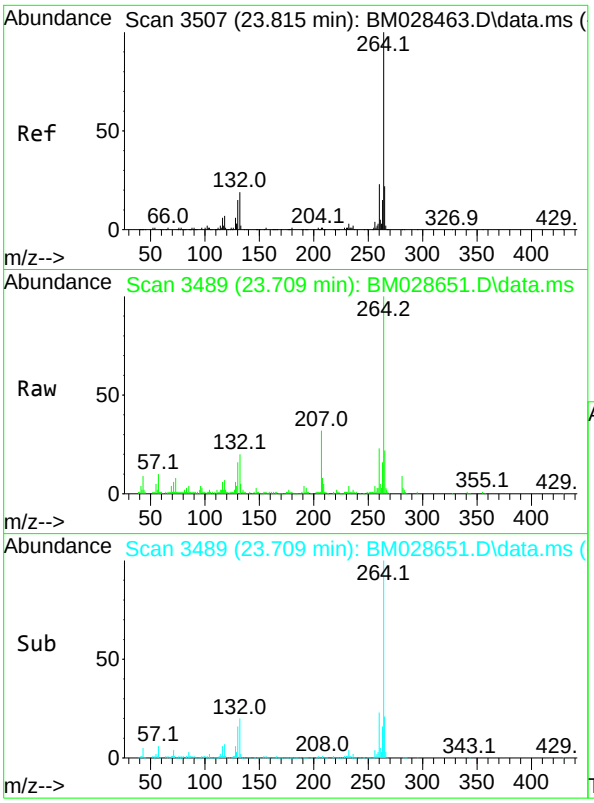
#83
Chrysene
Concen: 6.09 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:228 Resp: 44323

Ion	Ratio	Lower	Upper
228	100		
226	28.3	23.4	35.0
229	20.9	15.7	23.5



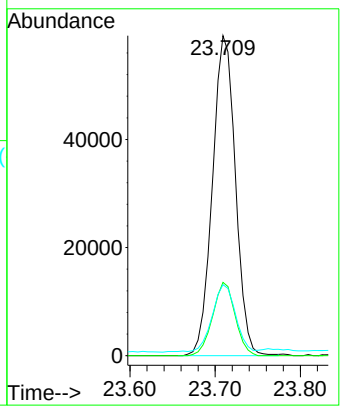
Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

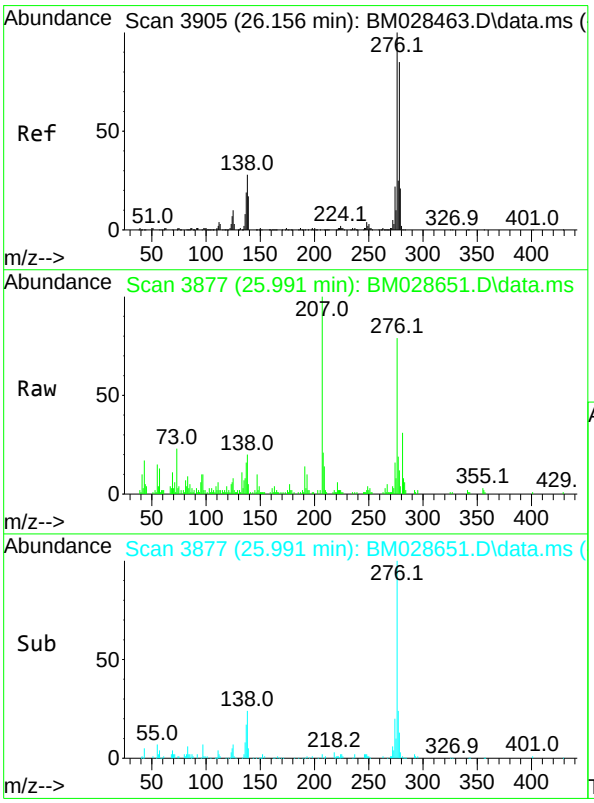


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.709 min Scan# 3489
Delta R.T. -0.018 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:264 Resp: 111109

Ion	Ratio	Lower	Upper
264	100		
260	22.9	19.0	28.4
265	22.2	17.7	26.5

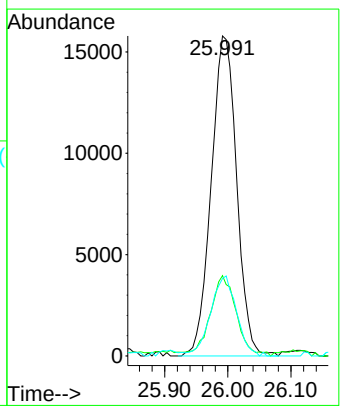




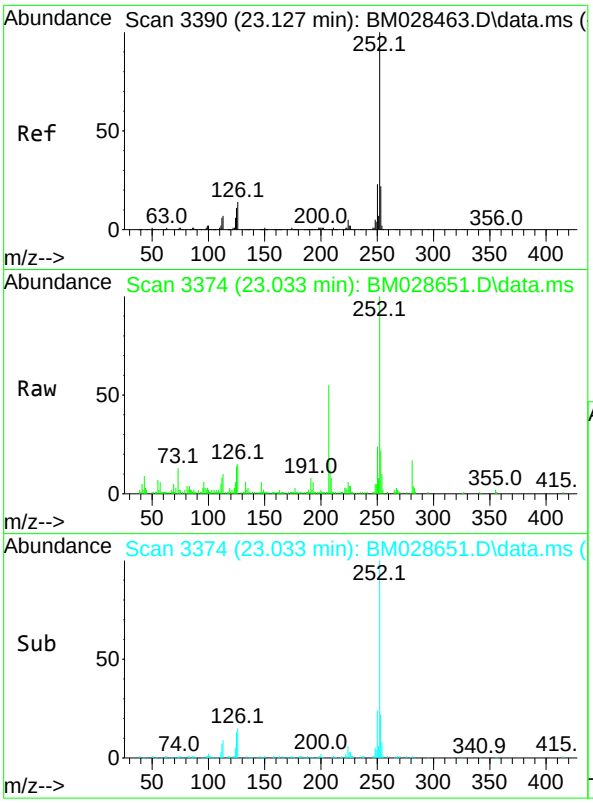
#87
Indeno(1,2,3-cd)pyrene
Concen: 5.34 ng
RT: 25.991 min Scan# 3877
Delta R.T. -0.041 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:276 Resp: 44217

Ion	Ratio	Lower	Upper
276	100		
138	25.6	14.2	21.4#
277	25.5	19.8	29.8



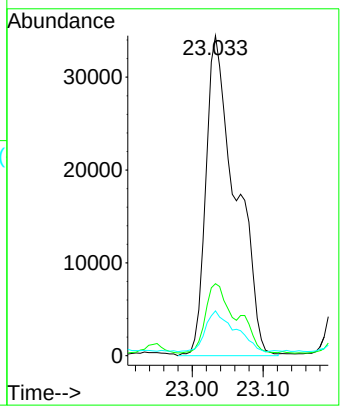
Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

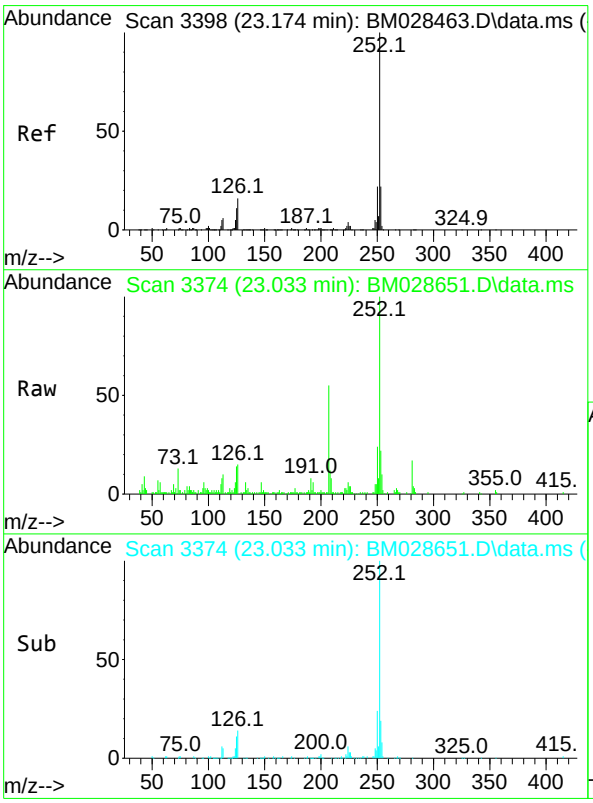


#88
Benzo(b)fluoranthene
Concen: 13.35 ng
RT: 23.033 min Scan# 3374
Delta R.T. -0.018 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:252 Resp: 100713

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	14.0	5.7	8.5#

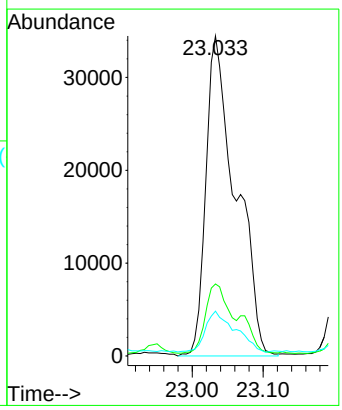




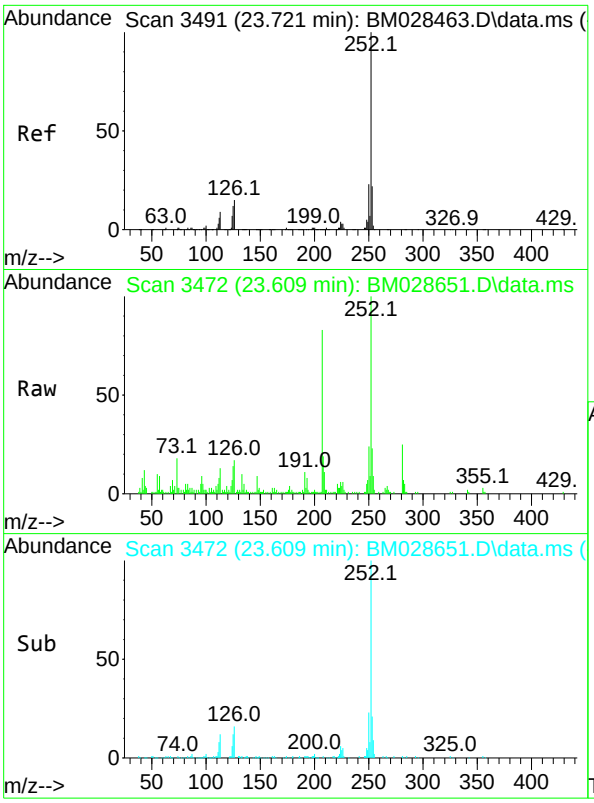
#89
Benzo(k)fluoranthene
Concen: 13.67 ng
RT: 23.033 min Scan# 3374
Delta R.T. -0.059 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:252 Resp: 100713

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	14.0	5.6	8.4#



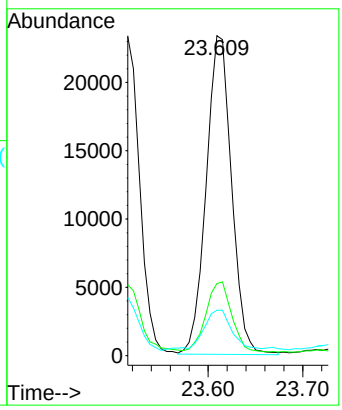
Instrument :
BNA_M
ClientSampleId :
OU421-004-0002

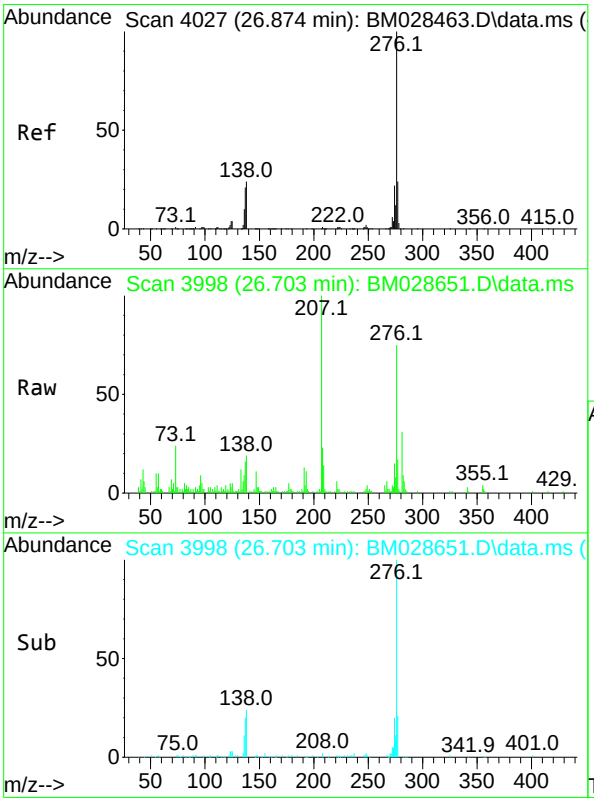


#90
Benzo(a)pyrene
Concen: 6.21 ng
RT: 23.609 min Scan# 3472
Delta R.T. -0.024 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:252 Resp: 43384

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.4	26.2
125	14.2	6.6	9.8#





#92
Benzo(g,h,i)perylene
Concen: 6.81 ng
RT: 26.703 min Scan# 3998
Delta R.T. -0.029 min
Lab File: BM028651.D
Acq: 04 Feb 2021 13:14

Tgt Ion:276 Resp: 45907

Ion	Ratio	Lower	Upper
276	100		
277	22.8	18.6	28.0
138	24.8	12.2	18.2#