Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020321\
Data File : BM028641.D
Acq On : 03 Feb 2021 13:19
Operator : CG/JU
Sample : M1292-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : OU421-003-0002

Quant Time: Feb 03 13:51:58 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	7.928	152	26075	20.00	ng		0.00
21) Naphthalene-d8	10.739	136	104338	20.00	ng		# 0.00
39) Acenaphthene-d10	14.574	164	59850	20.00	ng		-0.01
64) Phenanthrene-d10	17.315	188	121002	20.00	ng		0.00
76) Chrysene-d12	21.456	240	115794	20.00	ng		#-0.01
86) Perylene-d12	23.715	264	116135	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.463	112	167585	101.53	ng		-0.02
7) Phenol-d6	7.104	99	207840	92.48	ng		-0.02
23) Nitrobenzene-d5	9.098	82	128068	58.22	ng		-0.01
42) 2,4,6-Tribromophenol	16.068	330	76754	96.79	ng		0.00
45) 2-Fluorobiphenyl	13.198	172	278713	58.43	ng		-0.01
79) Terphenyl-d14	19.915	244	338783	52.83	ng		0.00
Target Compounds							Qvalue
71) Phenanthrene	17.357	178	15098	2.03	ng		98
75) Fluoranthene	19.356	202	44133	5.28	ng		96
78) Pyrene	19.715	202	40542	4.88	ng		98
81) Benzo(a)anthracene	21.445	228	19804	2.48	ng		94
83) Chrysene	21.492	228	22992	2.98	ng		99
88) Benzo(b)fluoranthene	23.039	252	33878	4.30	ng	#	91
90) Benzo(a)pyrene	23.615	252	18154	2.48	ng	#	87

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

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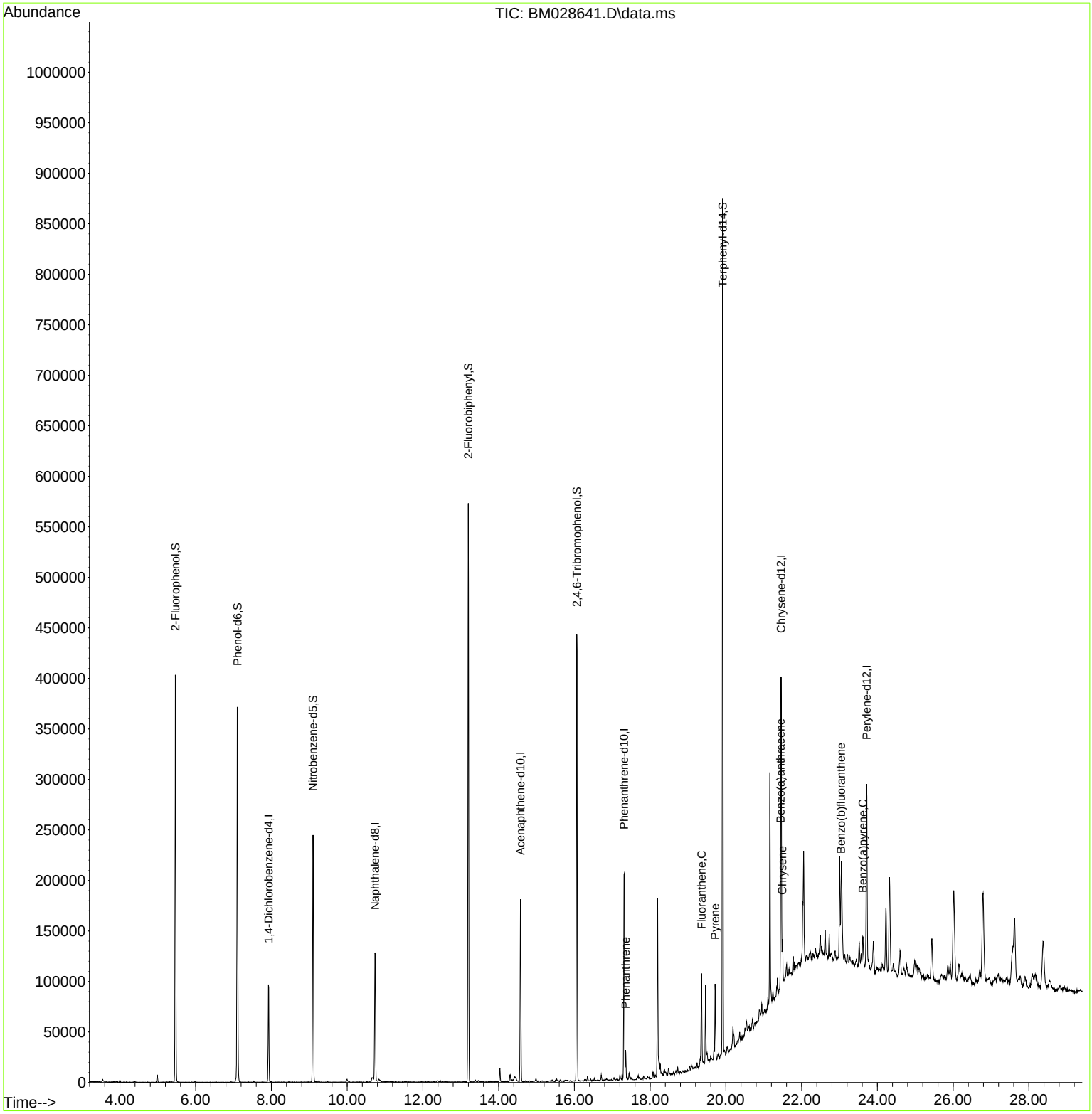

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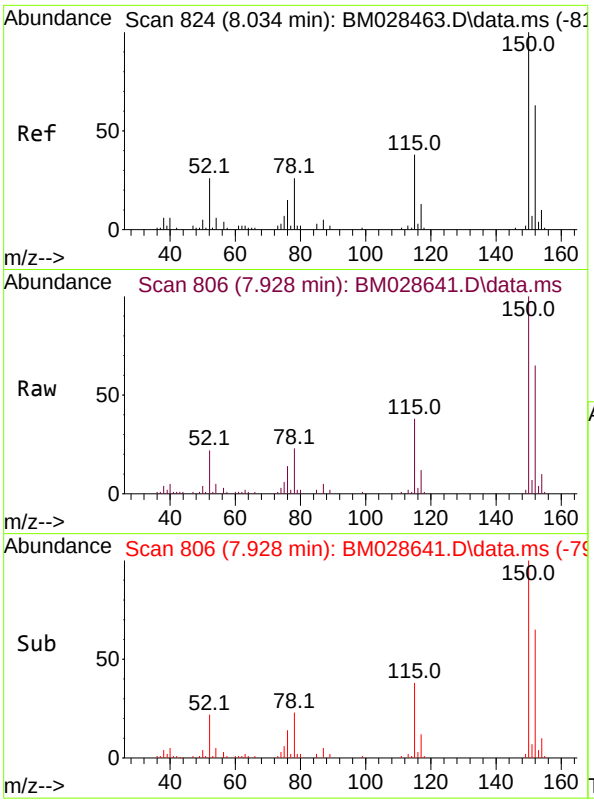
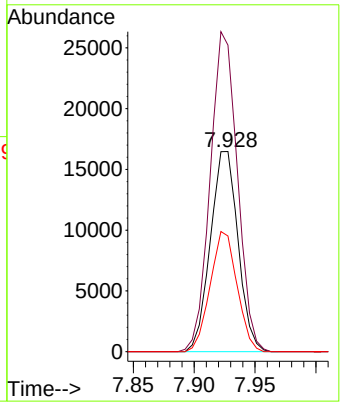
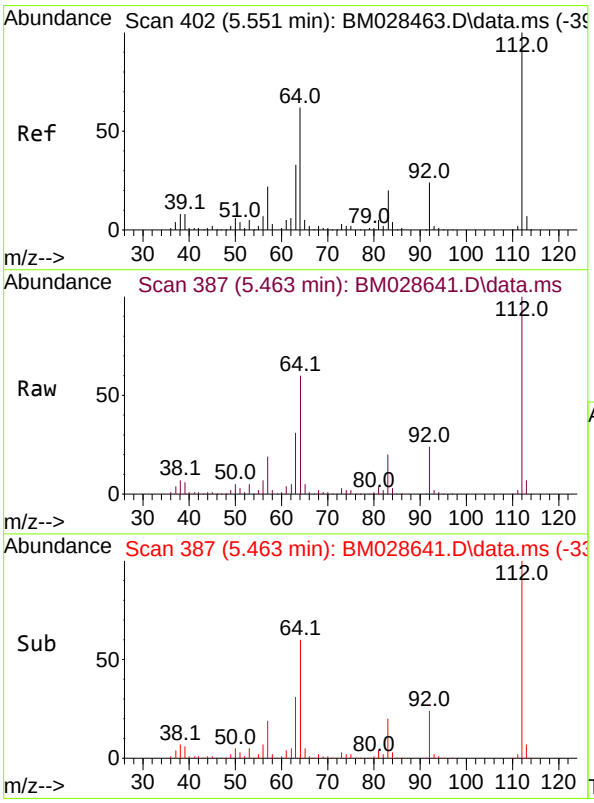


#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.928 min Scan# 806
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:152 Resp: 26075

Ion	Ratio	Lower	Upper
152	100		
150	153.1	120.6	181.0
115	57.8	47.2	70.8

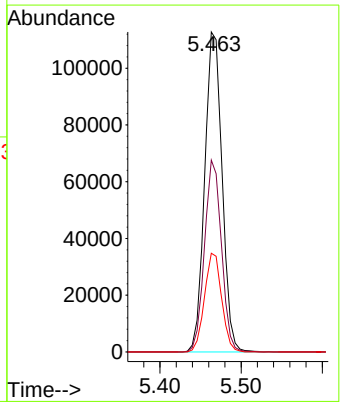


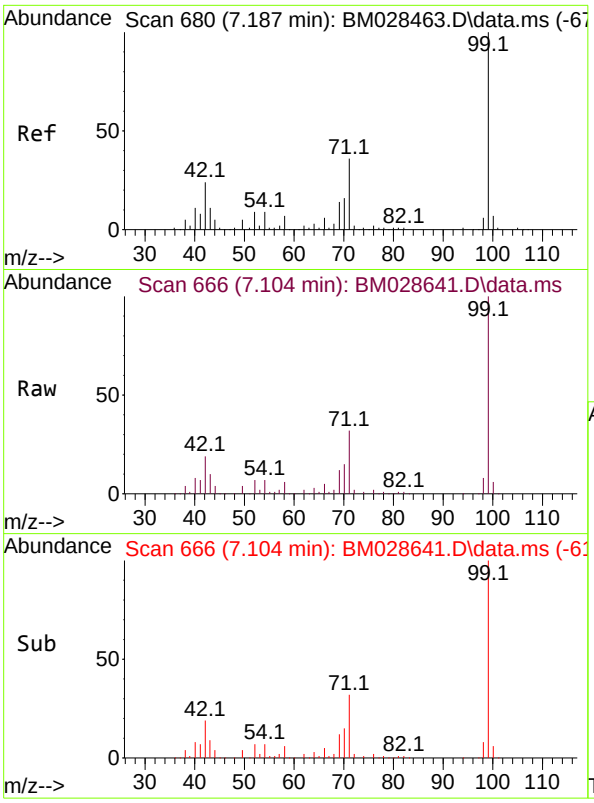


#5
2-Fluorophenol
Concen: 101.53 ng
RT: 5.463 min Scan# 387
Delta R.T. -0.018 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:112 Resp: 167585

Ion	Ratio	Lower	Upper
112	100		
64	60.0	50.6	76.0
63	30.8	31.0	46.6#

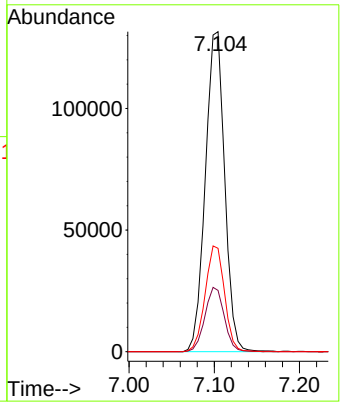




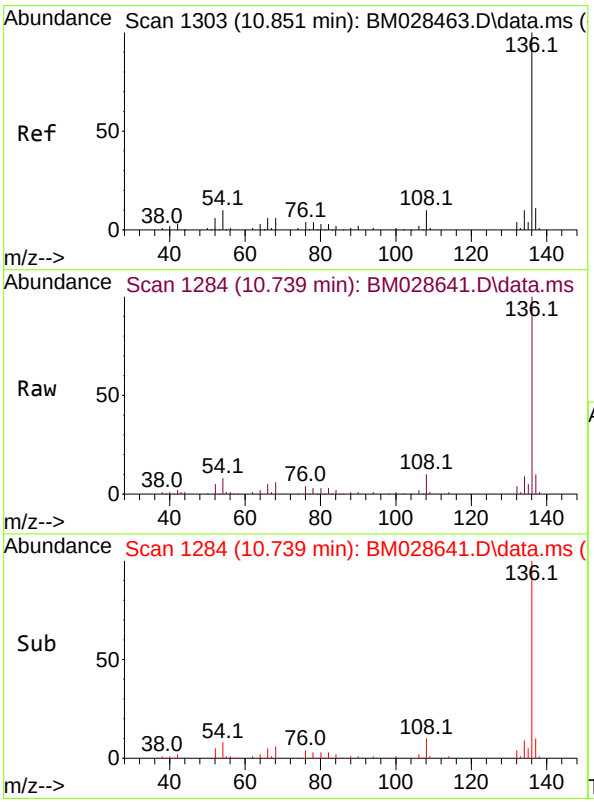
#7
Phenol-d6
Concen: 92.48 ng
RT: 7.104 min Scan# 666
Delta R.T. -0.018 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion: 99 Resp: 207840

Ion	Ratio	Lower	Upper
99	100		
42	19.2	13.5	20.3
71	32.3	39.4	59.0#



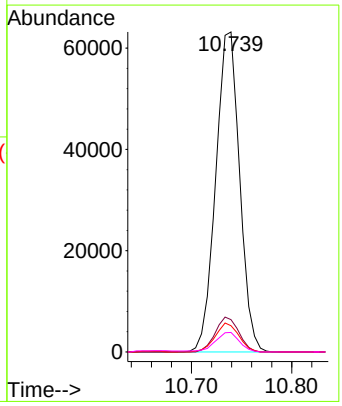
Instrument :
BNA_M
ClientSampleId :
OU421-003-0002



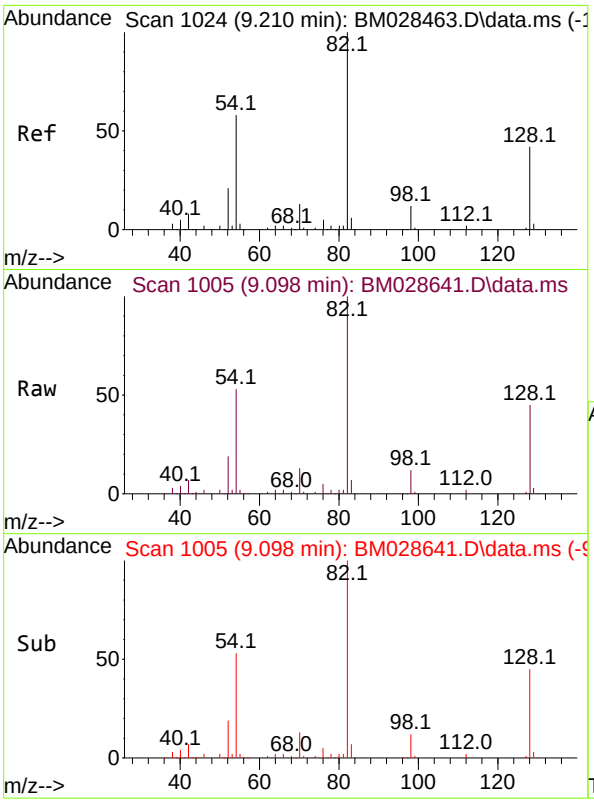
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.739 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:136 Resp: 104338

Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.6	12.8
54	8.2	4.6	7.0#
68	6.1	4.1	6.1



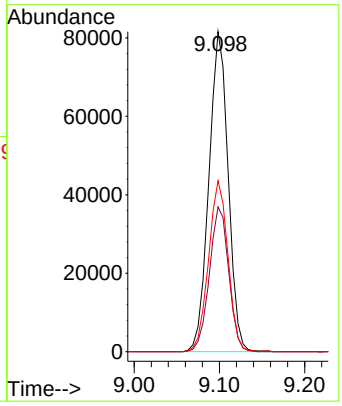
Instrument :
BNA_M
ClientSampleId :
OU421-003-0002

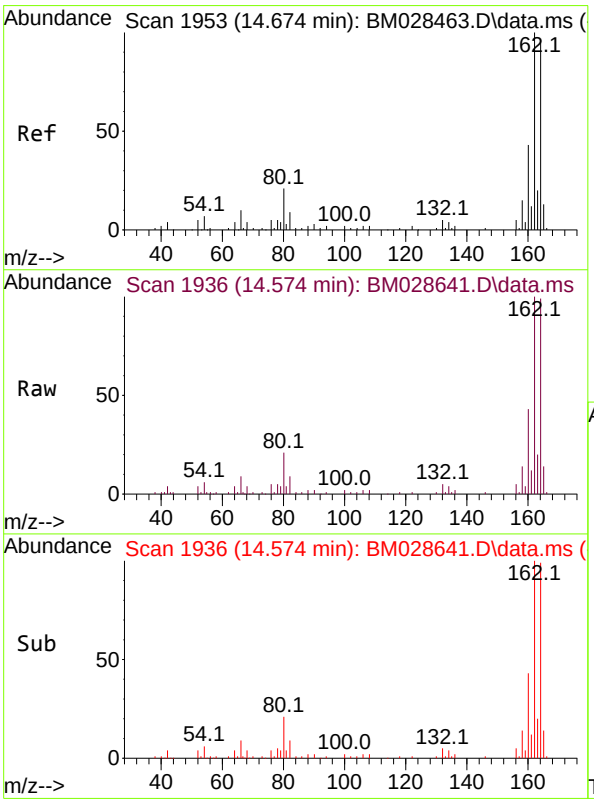


#23
Nitrobenzene-d5
Concen: 58.22 ng
RT: 9.098 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion: 82 Resp: 128068

Ion	Ratio	Lower	Upper
82	100		
128	45.2	27.4	41.0#
54	53.4	31.4	47.0#

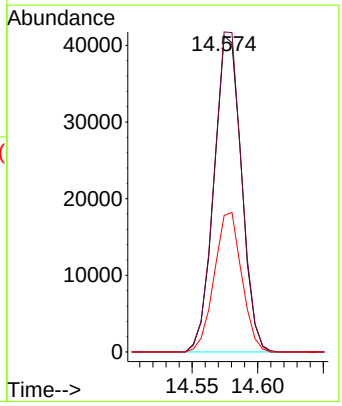




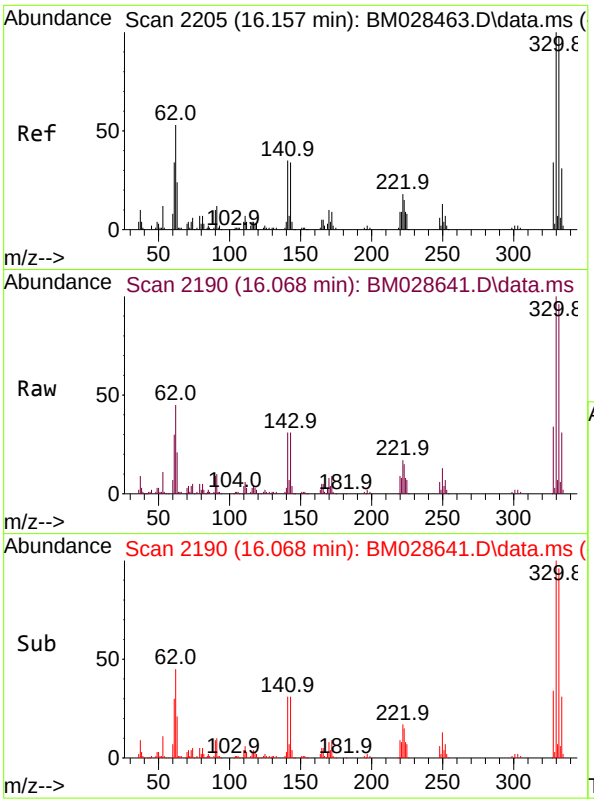
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.574 min Scan# 1936
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:164 Resp: 59850

Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.4	120.6
160	43.2	35.9	53.9



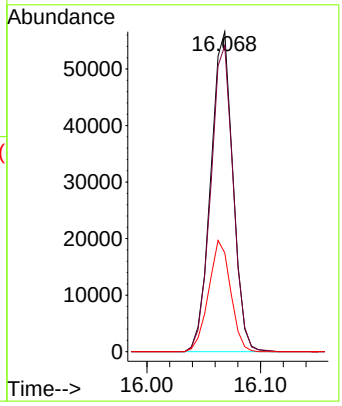
Instrument :
BNA_M
ClientSampleId :
OU421-003-0002

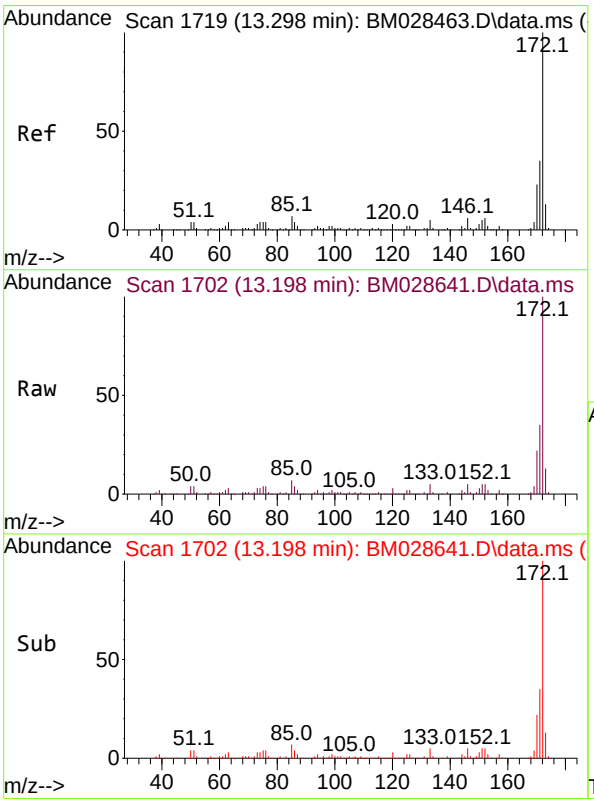


#42
2,4,6-Tribromophenol
Concen: 96.79 ng
RT: 16.068 min Scan# 2190
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:330 Resp: 76754

Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.8	116.8
141	34.5	28.4	42.6

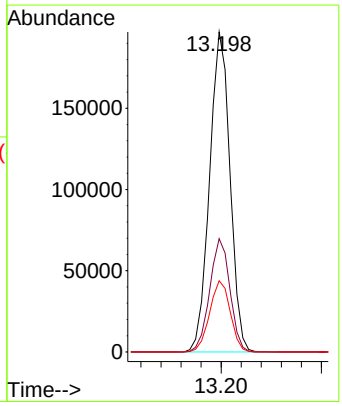




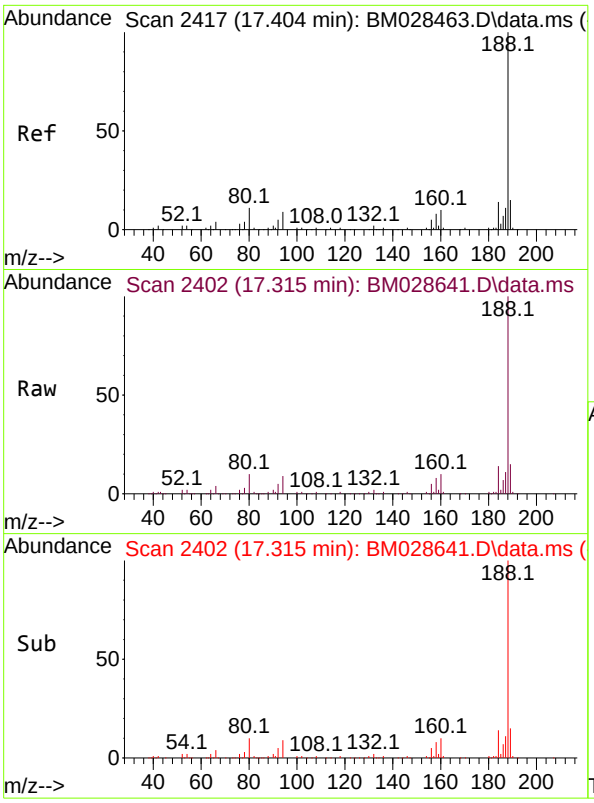
#45
2-Fluorobiphenyl
Concen: 58.43 ng
RT: 13.198 min Scan# 1702
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:172 Resp: 278713

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.8	41.8
170	22.2	18.6	27.8



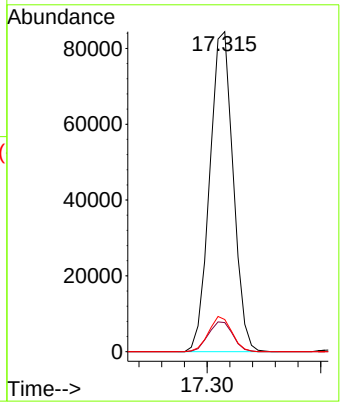
Instrument :
BNA_M
ClientSampleId :
OU421-003-0002

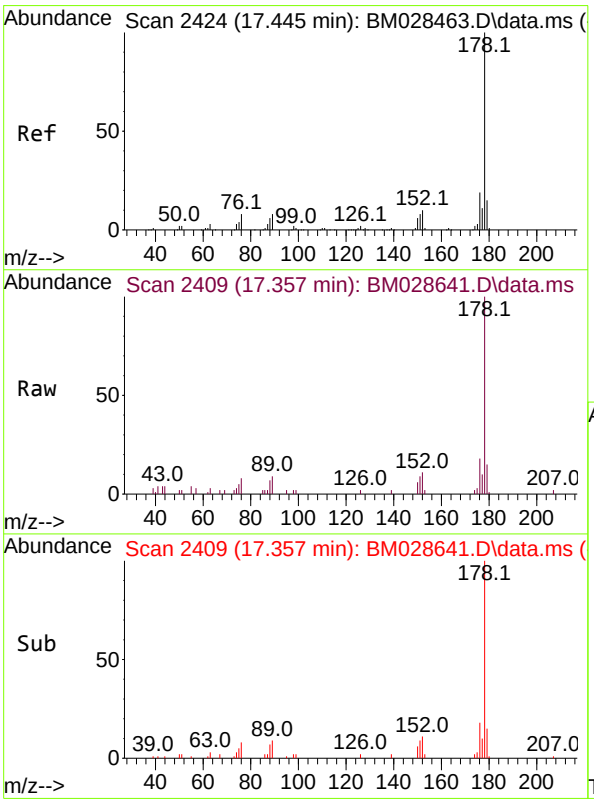


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.315 min Scan# 2402
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:188 Resp: 121002

Ion	Ratio	Lower	Upper
188	100		
94	9.1	6.2	9.4
80	10.1	7.5	11.3

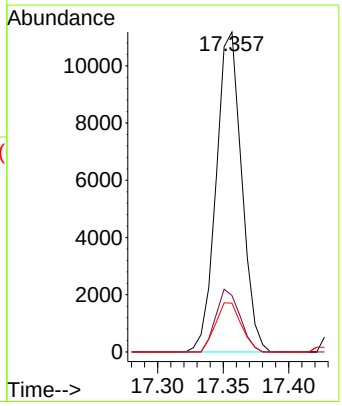


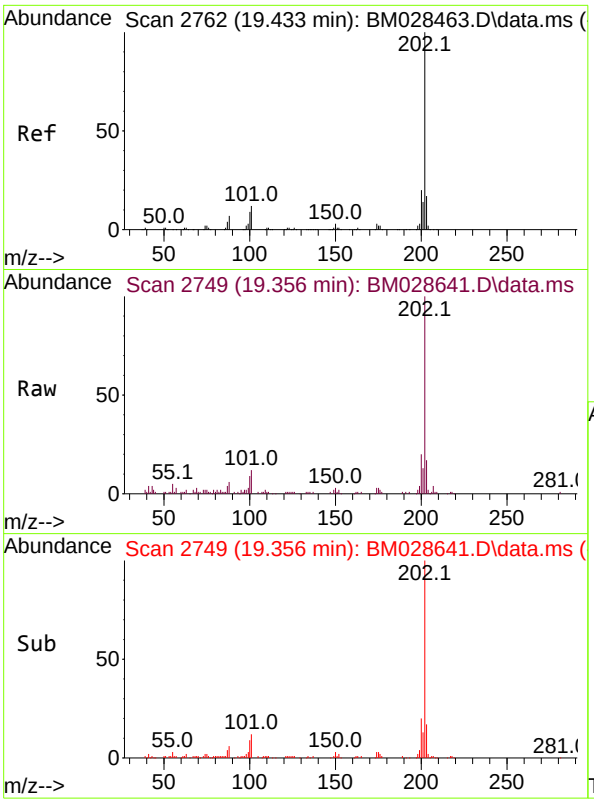


#71
Phenanthrene
Concen: 2.03 ng
RT: 17.357 min Scan# 2409
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:178 Resp: 15098

Ion	Ratio	Lower	Upper
178	100		
176	17.6	15.0	22.6
179	15.2	12.2	18.4

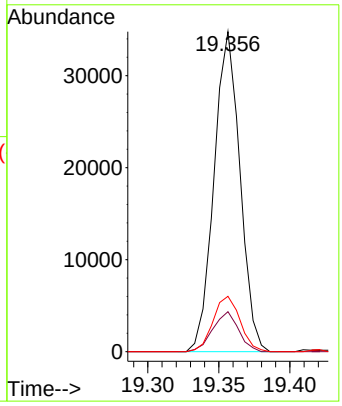




#75
Fluoranthene
Concen: 5.28 ng
RT: 19.356 min Scan# 2749
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:202 Resp: 44133

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	28.5
203	17.3	0.0	37.3



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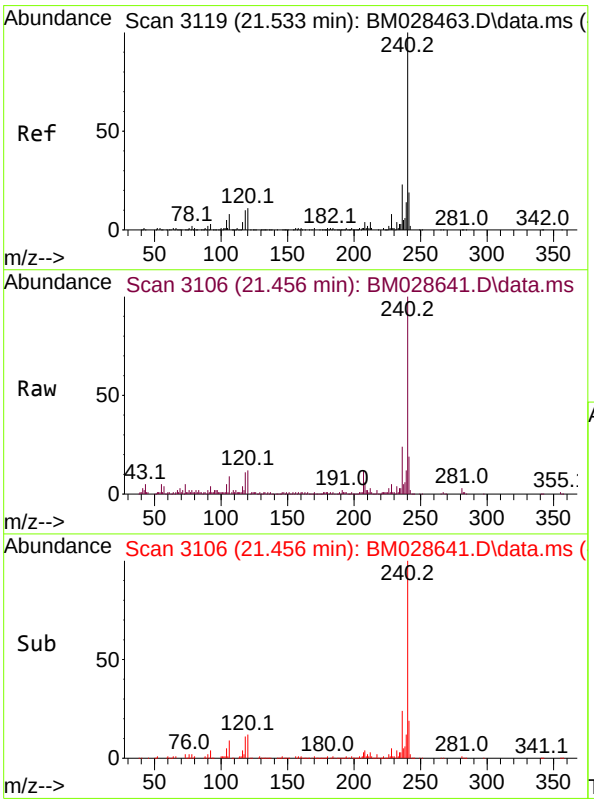
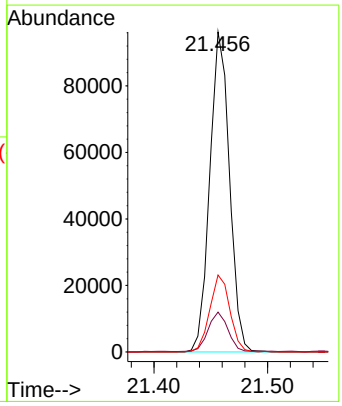


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.456 min Scan# 3106
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:240 Resp: 115794

Ion	Ratio	Lower	Upper
240	100		
120	12.4	6.4	9.6#
236	24.0	20.1	30.1



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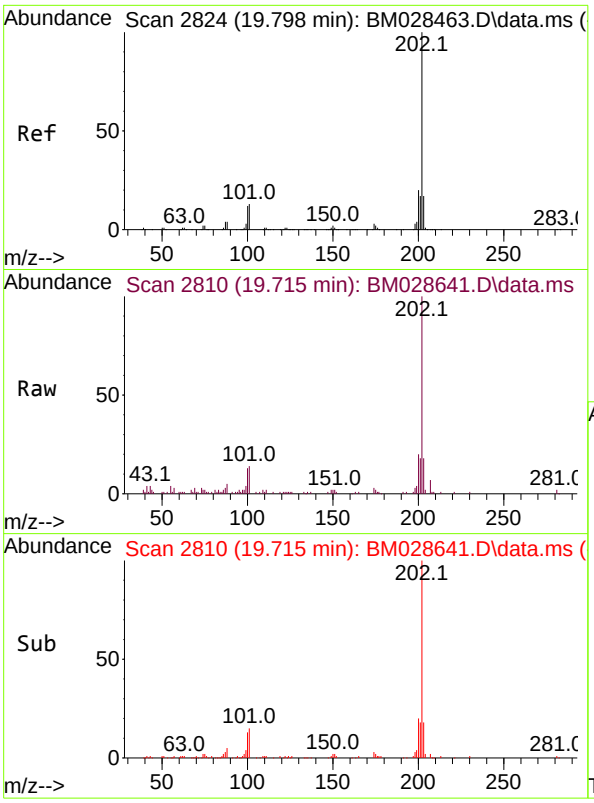
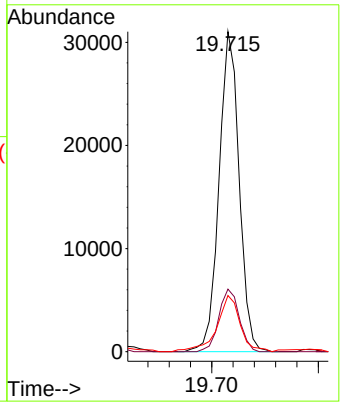
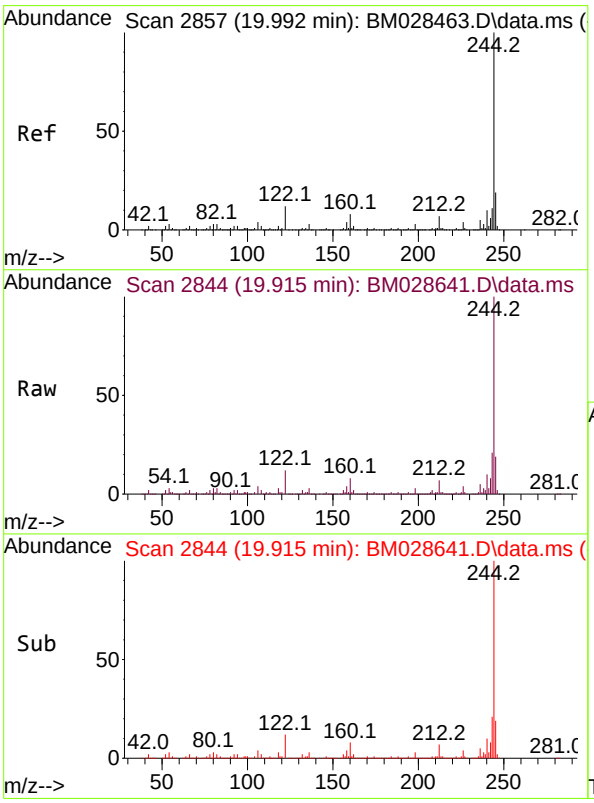


#78
Pyrene
Concen: 4.88 ng
RT: 19.715 min Scan# 2810
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:202 Resp: 40542

Ion	Ratio	Lower	Upper
202	100		
200	19.5	16.6	24.8
203	17.6	13.8	20.6

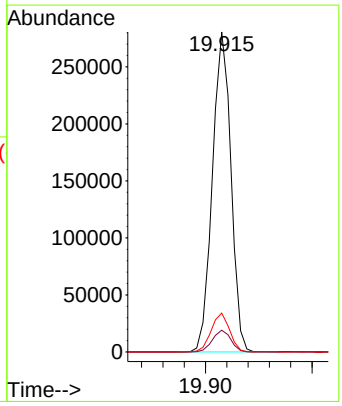




#79
Terphenyl-d14
Concen: 52.83 ng
RT: 19.915 min Scan# 2844
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:244 Resp: 338783

Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.8	8.8
122	12.1	6.5	9.7#



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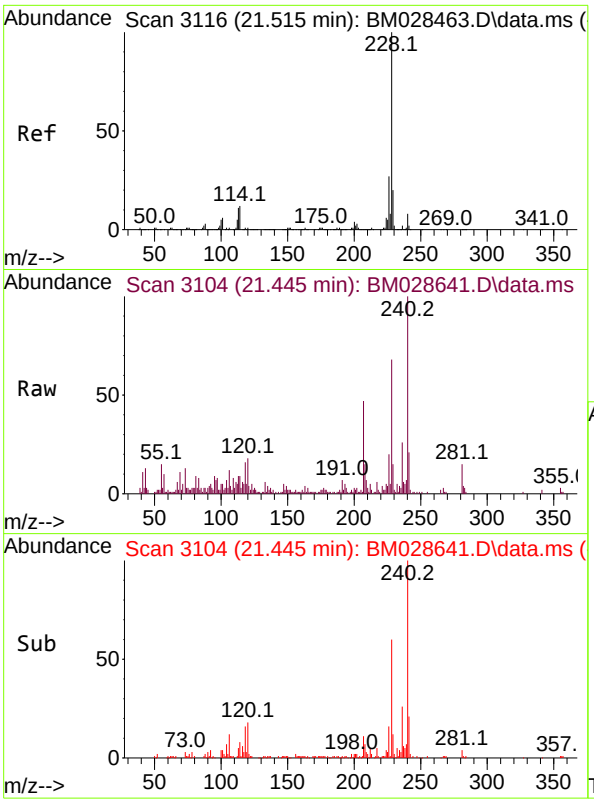
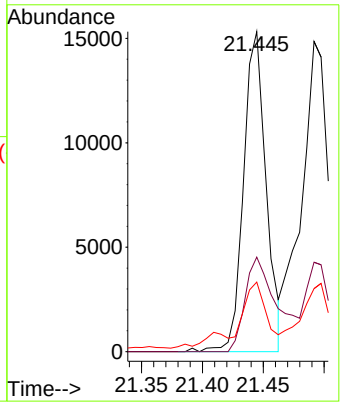
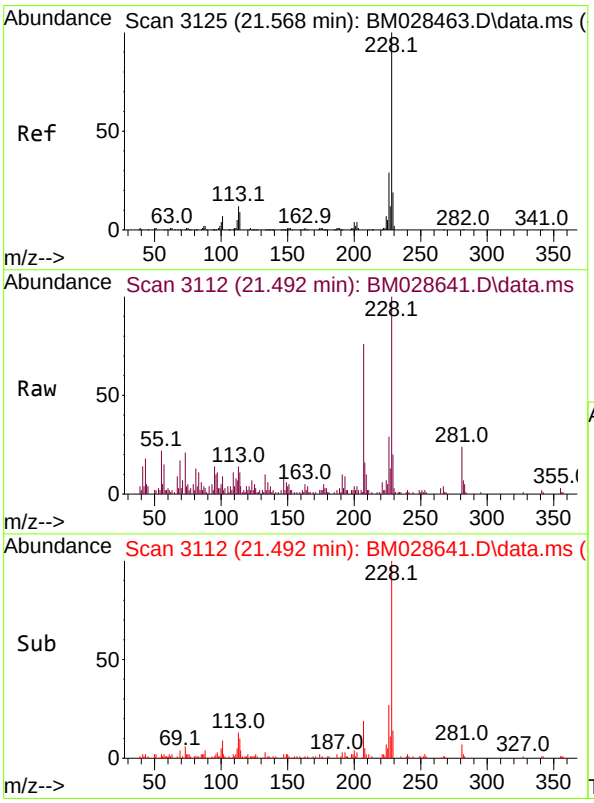


#81
Benzo(a)anthracene
Concen: 2.48 ng
RT: 21.445 min Scan# 3104
Delta R.T. -0.006 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:228 Resp: 19804

Ion	Ratio	Lower	Upper
228	100		
226	29.6	21.1	31.7
229	21.7	15.7	23.5

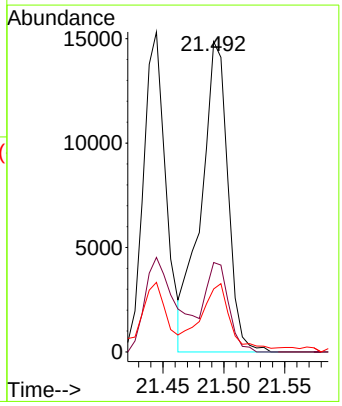


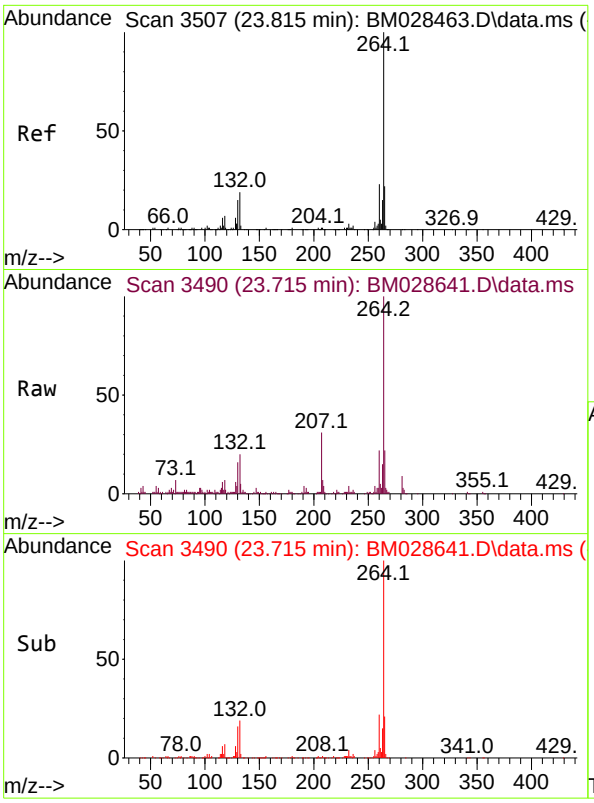


#83
Chrysene
Concen: 2.98 ng
RT: 21.492 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:228 Resp: 22992

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.4	35.0
229	20.3	15.7	23.5

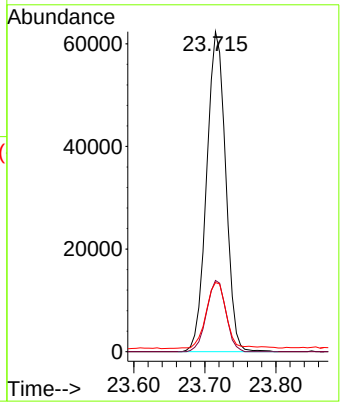




#86
Perylene-d12
Concen: 20.00 ng
RT: 23.715 min Scan# 3490
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:264 Resp: 116135

Ion	Ratio	Lower	Upper
264	100		
260	22.3	19.0	28.4
265	21.6	17.7	26.5



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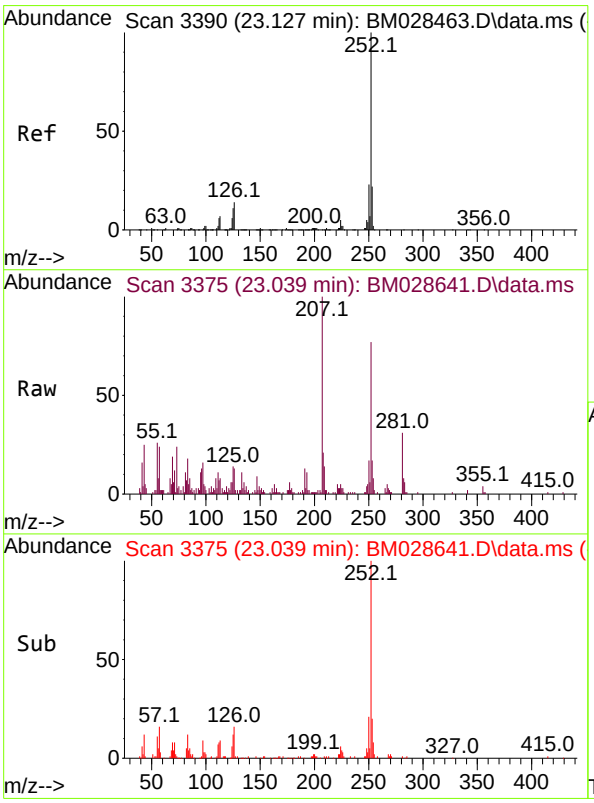
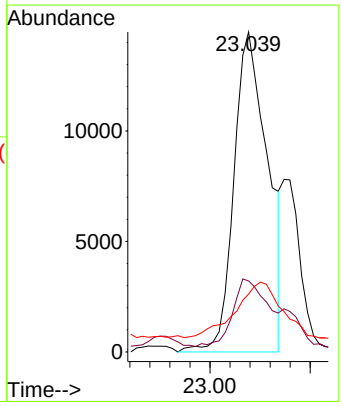
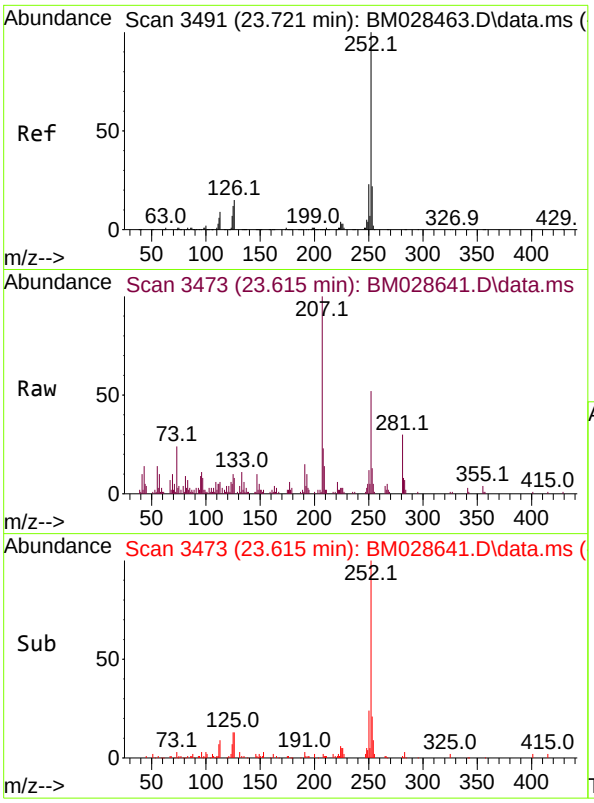


#88
Benzo(b)fluoranthene
Concen: 4.30 ng
RT: 23.039 min Scan# 3375
Delta R.T. -0.012 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:252 Resp: 33878

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	18.1	5.7	8.5#

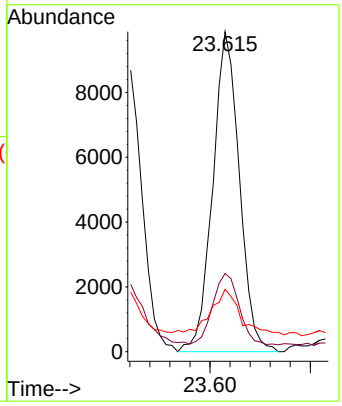




#90
Benzo(a)pyrene
Concen: 2.48 ng
RT: 23.615 min Scan# 3473
Delta R.T. -0.018 min
Lab File: BM028641.D
Acq: 03 Feb 2021 13:19

Tgt Ion:252 Resp: 18154

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	19.5	6.6	9.8#



Instrument :
BNA_M
ClientSampleId :
OU421-003-0002